

VERACRUZ

NO. INDICE	CARRETERA	ruta	NO. INDICE	CARRETERA	ruta
---RED FEDERAL LIBRE---			---RED FEDERAL DE CUOTA---		
1	Álamo - Huejutla de Reyes	MEX-127	45	Gutiérrez Zamora - Tihuatlán (Cuota)	MEX-130D
2	Alazán - Canoas	MEX-127	46	La Tinaja - Cosoleacaque (Cuota)	MEX-145D
3	Altotonga - Tlapacoyan	MEX-131	47	Las Choapas - Ocozocoautla (Cuota)	MEX-187D
4	Buenavista - Tuxtepec	MEX-175	48	Libramiento de Cardel (Cuota)	MEX-180D
5	Cd. Alemán - Sayula	MEX-145	49	Libramiento de Córdoba (Cuota)	MEX-150D
6	Cd. Valles - Tampico	MEX-070	50	Libramiento Perote (Cuota)	MEX-140D
7	Coatzacoalcos - Salina Cruz	MEX-185	51	Nuevo Teapa - Cosoleacaque (Cuota)	MEX-180D
8	Coatzacoalcos - Villahermosa	MEX-180	52	Tihuatlán - Tuxpam (Incluye Puente Tuxpam)	MEX-130D
9	Córdoba - Ent. Boticaria	MEX-150	---RED FEDERAL INTEGRADA POR TRAMOS LIBRES Y DE CUOTA---		
10	Cosoleacaque - Sotepan	MEX-185	53	Poza Rica - Veracruz	MEX-180-180D
11	Fortín - Conejos	MEX-125	---RED ESTATAL LIBRE---		
12	La Granja - Temascal	MEX-145	54	Banderilla - Martínez de La Torre	VER-065
13	La Tinaja - Santa Cruz	MEX-145	55	Benito Juárez - Agua Dulce	TAB-VER
14	Libramiento de Cuitláhuac	MEX-150	56	Ent. La Laguna - Ent. El Callejón	VER
15	Libramiento de Papantla	MEX-180	57	José Cardel - Playa Chachalacas	VER
16	Libramiento de Yanga	MEX-150	58	Las Trancas - Coatepec	VER
17	Libramiento Rinconada	MEX	59	Libramiento de Acayucan	VER
18	Minatitlán - Coatzacoalcos (Vía Cantica)	MEX-172	60	Libramiento de Tuxpam	VER
19	Orizaba - Zongolica	MEX-150	61	Mata de Espino - Ignacio de La Llave	VER
20	Pachuca - Tempoal	MEX-105	62	Mata Redonda - Joachín	VER-095
21	Pachuca - Tuxpam	MEX-130	63	Nuevo Teapa - Agua Dulce	VER
22	Papantla - El Chote	MEX-180	64	Peñuela - Santa Rita	VER
23	Paso del Toro - Acayucan	MEX-180	65	Poza Rica - Cazonas	VER-075
24	Ramal a Antón Lizardo	MEX-150	66	Pueblo Viejo - T. C. (Cd. Valles - Tampico)	VER
25	Ramal a El Higo	MEX	67	Puerto Rico - Totutla	VER
26	Ramal a Hueyapan de Ocampo	MEX-180	68	Ramal a Actopan	VER
27	Ramal a Puente Tampico	MEX-180	69	Ramal a Agua Dulce	VER
28	Ramal a Tecolutla	MEX-180	70	Ramal a Chontla	VER
29	Ramal a Zapotlalillo	MEX	71	Ramal a Estación Ochoa	VER
30	San Hipólito - Xalapa	MEX-140	72	Ramal a Jamapa	VER
31	San Pablo Villa de Mitla - T. C. (Tuxtepec - Palomares)	MEX-179	73	Ramal a Jesús Carranza	VER
32	Tamarindo - José Cardel	MEX-180	74	Ramal a Suchilapan	VER
33	Tehuacán - Córdoba	MEX-150	75	Ramal a Zempoala	VER-192
34	Teziutlán - Nautla	MEX-129	76	San Alejo - Huayacocotla	HGO-051-VER-113
35	Teziutlán - Perote	MEX-131	77	San Sebastián - Chicotepec	VER-083
36	Tihuatlán - Castillo de Teayo	MEX-130	78	Santiago Tuxtla - Playa Vicente	VER
37	Tihuatlán - Potrero del Llano	MEX-127	79	Sierra de Agua - Magueyitos	VER
38	Tuxpam - Tampico	MEX-180	80	T. C. (Coatzacoalcos - Villahermosa) - Las Choapas	VER
39	Tuxtepec - Ent. Palomares	MEX-147	81	Tantoyuca - Platón Sánchez	VER
40	Xalapa - Veracruz	MEX-140	82	Tuxpam - Barra de Tuxpam	VER
---RED FEDERAL DE CUOTA---			83	Xalapa - Coatepec	VER
41	Acatzingo - Cd. Mendoza (Cuota)	MEX-150D	---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---		
42	Amozoc - Perote (Cuota)	MEX-140D	84	Paso del Toro - Laguna de San Julián	MEX-VER
43	Cd. Mendoza - Córdoba (Cuota)	MEX-150D	85	Poza Rica - María de La Torre	MEX-127-VER
44	Córdoba - Veracruz (Cuota)	MEX-150D			

30 VERACRUZ

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



VERACRUZ

1 C A R R : Álamo - Huejutla de Reyes

CLAVE: 00116

RUTA: MEX-127

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tihuatlán - Potrero del Llano	0.00	3	0	3251	64.5	77.4	96.4	13.0	61.2	77.5	102.8	13.9	59.5	70.1	95.0	10.6	20.942473	-97.707395
Benito Juárez	73.00	1	0	1521	47.8	55.0	65.2	10.1	50.3	53.0	54.7	6.8	43.9	50.7	61.3	8.5	20.882227	-98.198294
T. Der. Chicontepec de Tejada	78.00	3	0	900	65.3	78.7	97.2	13.3	66.0	90.0	103.0	18.6	62.1	81.1	101.2	16.5	20.924375	-98.222485
Lim. Edos. Term. Ver. Ppia. Hgo.	78.70																	
T. C. Pachuca - Tempoal (Huejutla de Reyes)	110.00																	

2 C A R R : Alazán - Canoas

CLAVE: 30141

RUTA: MEX-127

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tuxpam - Tampico	0.00	3	0	7015	75.2	85.3	103.5	11.4	69.3	76.3	89.2	9.5	66.4	74.4	92.8	10.2	21.096134	-97.738117
Ent. San Sebastián - Chicontepec	48.27	1	0	2509	52.1	60.8	74.7	10.5	49.0	53.4	99.9	11.0	48.3	54.1	93.8	11.9	21.213753	-98.128113
Ent. San Sebastián - Chicontepec	48.27	3	0	2759	50.5	57.1	69.2	9.1	43.9	49.1	54.3	6.5	41.5	48.7	63.6	9.5	21.219690	-98.134702
Tantoyuca	66.34	1	0	4133	62.4	76.8	99.6	15.1	56.1	58.8	72.1	4.9	57.3	71.8	94.9	15.6	21.333447	-98.214356
Tantoyuca	66.34	3	0	4769	49.4	55.2	70.2	9.0	48.9	52.1	54.9	6.2	44.9	51.5	64.2	8.1	21.368041	-98.229400
T. C. Pachuca - Tempoal	91.00	1	0	3190	68.1	78.1	93.8	11.6	60.6	64.6	74.0	7.0	59.0	68.8	84.5	11.0	21.490823	-98.355373
T. Izq. Tempoal de Sánchez (Acceso 1)	91.40	3	0	4081	71.7	88.6	113.2	16.8	61.6	72.7	92.8	10.3	71.2	85.7	107.7	15.9	21.514360	-98.373123
T. Izq. Tempoal de Sánchez (Acceso 2)	92.60	3	0	3419	61.3	75.6	94.2	16.3	53.2	58.1	75.9	8.9	55.4	67.5	117.0	14.8	21.526207	-98.379550
Pánuco	160.00	1	0	4032	65.5	78.9	102.0	14.3	60.9	68.0	83.5	8.8	59.5	73.2	92.6	14.7	22.043588	-98.199273
Pánuco	160.00	3	0	6120	83.1	97.8	122.1	14.9	80.7	93.9	109.9	13.6	81.5	94.5	122.9	14.4	22.072339	-98.166056
Caseta de Cobro Puente Pánuco	172.10	2	0	3984													22.148705	-98.144903
T. C. Cd. Valles - Tampico	173.36	1	0	4629	68.3	78.0	93.2	11.3	61.6	68.3	78.9	8.4	58.2	69.1	86.7	12.4	22.154273	-98.149211

3 C A R R : Altotonga - Tlapacoyan

CLAVE: 30741

RUTA: MEX-131

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Teziutlán - Perote	0.00																	
Atzalan	3.00	1	0	5261	56.8	67.7	85.4	12.2	47.2	54.8	70.6	11.3	42.8	55.8	77.0	14.4	19.785319	-97.244132
Tlapacoyan	32.10	1	0	4489	60.8	70.4	84.9	11.2	53.3	59.8	69.6	8.1	49.7	60.0	75.5	11.8	19.940999	-97.217256

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4 C A R R : Buenavista - Tuxtepec

CLAVE: 00624

RUTA: MEX-175

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Paso del Toro - Acayucan	0.00	3	0	1531	65.9	73.8	86.7	9.8	57.8	61.1	73.7	5.6	57.9	67.6	82.5	11.7	18.713409	-95.637809
Puente Tlacotalpan	1.55	2	0	1535													18.704596	-95.641294
Tlacotalpan	18.00	1	0	1981	32.8	37.8	49.3	7.5	33.5	43.5	54.9	9.5	30.4	35.0	52.9	9.2	18.612875	-95.648377
Tlacotalpan	18.00	3	0	1953	44.7	54.1	71.2	10.4	46.2	52.2	54.6	9.5	41.5	51.3	68.9	11.3	18.616801	-95.669959
Carlos A. Carrillo	56.00	1	0	3454	63.1	76.9	97.0	14.6	62.2	72.8	92.0	12.0	59.3	70.5	90.3	12.2	18.379030	-95.749169
Cosamaloapan	60.00	1	0	10473	57.8	67.0	84.2	11.2	55.6	63.3	77.9	9.3	54.3	63.4	82.8	11.0	18.365656	-95.776352
Cosamaloapan	60.00	3	0	9757	65.0	78.0	97.7	13.4	63.0	73.1	92.8	11.7	59.4	70.7	91.5	12.4	18.351341	-95.806793
T. C. La Tinaja - Santa Cruz	107.00	1	0	3334	65.3	78.2	97.8	13.3	63.0	73.2	93.6	11.8	59.8	72.5	93.7	14.1	18.168703	-96.088187
T. C. Cd. Alemán - Sayula	108.92	1	0	3884	33.7	37.9	45.9	6.3	30.5	33.8	51.4	7.7	30.1	34.1	52.7	8.7	18.168354	-96.093403
T. C. Cd. Alemán - Sayula	108.92	3	0	6874	34.0	38.3	47.0	6.2	30.6	34.0	51.6	7.8	35.3	49.0	54.4	11.2	18.168756	-96.100330
Lim. Edos. Term. Ver. Ppia. Oax.	115.00																	
Puente Caracol	117.20	2	0	6163													18.133058	-96.136687
Tuxtepec	121.25	1	1	4350	56.8	77.3	103.0	20.1	53.5	66.8	92.8	14.5	50.2	65.9	93.0	17.3	18.113933	-96.134309
Tuxtepec	121.25	1	2	4188	67.7	81.6	99.5	14.9	62.1	72.9	90.4	11.5	59.0	72.2	90.7	13.5	18.113961	-96.134306

5 C A R R : Cd. Alemán - Sayula

CLAVE: 00301

RUTA: MEX-145

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cd. Alemán	0.00	3	0	5852	72.3	84.1	101.3	13.4	69.0	78.3	92.1	11.0	67.9	77.0	90.5	10.9	18.183774	-96.093591
Lim. Edos. Term. Ver. Ppia. Oax.	1.80																	
Puente Papaloapan	3.50	2	0	3660													18.159461	-96.096585
T. Izq. Loma Bonita	36.70	1	0	5639	50.0	63.7	91.0	15.3	44.7	52.1	62.5	9.3	40.7	50.9	69.3	11.8	18.094874	-95.880893
T. Der. Villa Azueta	41.50	1	0	5437	72.0	83.7	100.9	13.3	68.5	77.2	90.5	10.6	67.4	76.3	90.3	10.8	18.091242	-95.781300
Lim. Edos. Term. Oax. Ppia. Ver.	43.16																	
T. Izq. Tesechoacán	56.70	1	0	3769	72.5	84.2	101.5	13.3	68.7	77.5	91.1	10.7	67.6	76.7	90.3	10.8	18.127877	-95.655649
X. C. Santiago Tuxtla - Playa Vicente	71.40	1	0	5026	71.5	83.6	100.7	13.4	68.6	77.4	91.0	10.6	67.5	76.6	90.1	10.8	18.069111	-95.535324
San Juan Evangelista	118.35	1	0	5070	65.1	75.6	93.0	11.9	58.5	64.8	80.4	9.2	55.8	63.8	81.4	9.8	17.910387	-95.129625
Sayula de Alemán	136.40	1	0	5919	64.8	74.9	92.0	11.6	57.5	63.4	74.8	8.2	55.9	63.7	80.9	9.8	17.887508	-94.964997

6 C A R R : Cd. Valles - Tampico

CLAVE: 00138

RUTA: MEX-070

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cd. Valles	0.00	3	0	9121	65.6	77.8	136.2	15.5	69.5	86.2	141.1	19.5	62.9	75.6	135.8	16.8	21.975960	-98.963459

VERACRUZ

6 C A R R : Cd. Valles - Tampico

CLAVE: 00138

ruta: MEX-070

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Der. Santa Elena	15.25	3	0	6398	80.6	93.2	112.8	13.8	79.2	90.4	103.5	12.6	75.4	87.5	104.9	13.0	21.959420	-98.881262
Tamuín	29.60	1	0	5900	67.1	76.7	94.5	11.3	65.0	72.9	85.7	9.0	60.6	70.0	86.7	11.2	21.995186	-98.779955
Ébano	79.00	1	0	4718	78.9	91.5	111.0	13.3	79.6	89.9	101.0	11.6	75.4	84.4	101.1	10.7	22.204272	-98.405593
Ébano	79.00	3	0	4986	79.0	91.7	111.4	13.4	79.9	90.1	101.2	11.6	75.0	84.5	101.1	11.0	22.211589	-98.360326
Lim. Edos. Term. S. L. P. Ppia. Ver.	83.57																	
T. Der. Pánuco	103.00	1	0	5877	45.1	53.1	66.1	9.4	41.1	49.2	54.8	9.3	37.5	44.7	61.5	9.5	22.154965	-98.156448
T. Der. Pánuco	103.00	3	0	6463	68.2	79.8	97.6	12.5	60.6	65.3	74.5	7.1	61.9	70.6	86.2	10.1	22.159439	-98.147968
T. C. Anáhuac - El Prieto	128.40	1	1	4031	86.5	101.6	120.5	16.0	79.4	92.6	103.3	14.9	73.6	89.3	104.9	15.8	22.214590	-97.948222
T. C. Anáhuac - El Prieto	128.40	1	2	4124	86.6	96.6	113.8	11.6	80.8	91.3	102.2	12.0	76.2	87.3	102.5	12.1	22.214826	-97.948274
T. C. Anáhuac - El Prieto	128.40	3	1	5918	82.9	100.8	125.7	18.1	74.8	91.9	107.6	16.7	68.2	83.9	106.4	15.6	22.216351	-97.940680
T. C. Anáhuac - El Prieto	128.40	3	2	6143	67.5	78.6	94.7	12.6	67.0	77.3	92.4	11.8	59.4	71.2	87.2	12.8	22.216666	-97.940765
Lim. Edos. Term. Ver. Ppia. Tamps.	133.81																	
Tampico	138.00	1	1	8014	45.6	54.4	71.2	11.4	43.6	50.6	60.5	8.3	37.7	47.6	59.6	11.8	22.227024	-97.893827
Tampico	138.00	1	2	8411	46.4	54.8	67.4	10.8	41.7	50.8	62.4	10.5	40.6	49.9	64.1	10.9	22.227066	-97.893845

7 C A R R : Coatzacoalcos - Salina Cruz

CLAVE: 00147

ruta: MEX-185

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Coatzacoalcos	0.00	3	1	10922	71.5	80.8	95.9	11.1	68.2	76.6	90.5	10.5	65.1	75.6	91.9	11.8	18.096262	-94.460312
Coatzacoalcos	0.00	3	2	10962	72.7	83.2	100.9	12.1	70.8	80.2	93.5	11.0	66.1	77.4	93.9	12.3	18.096262	-94.460311
T. C. Nuevo Teapa - Cosoleacaque	21.00	1	1	12002	56.1	62.1	73.6	7.7	53.8	59.0	68.7	7.0	51.9	59.0	72.5	9.2	18.021946	-94.542525
T. C. Nuevo Teapa - Cosoleacaque	21.00	1	2	11511	61.1	69.5	84.1	10.2	56.0	62.8	74.5	8.6	54.8	62.3	74.6	8.9	18.021946	-94.542525
Minatitlán	21.60	3	1	10065	56.0	62.1	73.6	7.6	53.6	58.9	68.9	7.2	51.3	59.3	73.2	9.9	17.998454	-94.588199
Minatitlán	21.60	3	2	10052	61.2	69.6	84.0	10.2	56.1	62.8	74.6	8.5	54.4	62.3	74.7	9.4	17.998455	-94.588194
Cosoleacaque	31.50	1	0	18131	56.1	63.7	78.0	9.9	55.0	62.8	73.7	9.3	53.3	62.5	74.4	11.0	18.006541	-94.621820
Jáltipan de Morelos	38.60	3	0	9193	71.8	81.9	99.8	11.8	70.5	78.7	89.2	10.1	66.5	74.6	92.2	11.1	17.961606	-94.730443
Acayucan	59.60	1	0	10402	79.2	90.3	109.9	12.4	77.4	87.2	98.3	11.0	75.5	84.4	102.2	10.8	17.953410	-94.877602
Sayula de Alemán	71.00	1	1	7443	92.3	104.8	127.7	14.0	82.5	94.1	112.9	13.0	82.1	94.8	118.9	14.0	17.896549	-94.949713
Sayula de Alemán	71.00	1	2	7017	85.6	97.3	114.0	12.8	80.3	90.9	107.2	12.0	75.3	85.9	107.3	11.7	17.896549	-94.949713
Sayula de Alemán	71.00	3	0	7476	68.8	80.0	98.6	12.6	63.8	73.1	87.2	10.6	62.2	73.7	93.1	13.2	17.871658	-94.969309
Campo Nuevo	94.50	3	0	5480	58.1	68.7	87.3	12.0	53.1	59.3	73.3	8.3	49.2	57.3	78.0	10.7	17.695004	-95.075189
T. Izq. Jesús Carranza	126.80	1	0	4417	69.1	80.4	101.0	12.9	63.7	72.9	86.9	10.6	61.5	73.1	91.8	13.1	17.439328	-95.078191
T. Izq. Jesús Carranza	126.80	3	0	5018	55.0	64.0	81.1	10.8	50.9	58.6	73.4	9.8	43.9	53.3	71.2	10.5	17.432995	-95.076681
Lim. Edos. Term. Ver. Ppia. Oax.	139.90																	

VERACRUZ

7 C A R R : Coatzacoalcos - Salina Cruz

CLAVE: 00147

RUTA: MEX-185

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Der. Tuxtepec	166.20	1	0	4656	80.3	95.1	118.3	15.9	74.8	92.0	109.9	16.1	61.9	74.7	101.4	12.9	17.144886	-95.063726
T. Der. Tuxtepec	166.20	3	0	5127	80.2	95.0	118.8	15.9	74.1	91.3	109.7	16.2	62.0	74.6	100.3	12.8	17.131426	-95.059637
T. Der. Estación Mogoñe	182.15	1	0	5120	80.1	94.8	118.4	15.8	73.2	90.3	107.4	16.2	62.2	75.4	101.9	13.2	17.013868	-95.009416
T. Der. Matías Romero	196.00	1	0	7896	80.0	94.9	119.5	16.1	75.3	92.8	111.8	16.6	62.9	77.1	103.9	13.9	16.885189	-95.017639
T. Der. Barrio de La Soledad	203.05	1	0	7688	81.0	96.3	120.5	16.1	75.2	92.3	110.9	16.2	63.4	77.9	105.7	14.1	16.817795	-95.033541
T. Der. Barrio de La Soledad	203.05	3	0	5477	62.1	73.3	98.8	13.4	58.6	64.9	78.0	8.9	51.1	59.6	74.4	10.4	16.812298	-95.032505
T. C. La Ventosa - Salina Cruz (Cuota)	236.00	1	0	6026	66.2	83.9	121.9	17.7	63.4	76.8	96.8	13.5	61.3	74.5	103.5	14.3	16.605830	-94.949596
T. C. La Ventosa - Salina Cruz (Cuota)	236.00	3	0	2820	86.6	101.5	129.2	15.0	81.4	93.5	127.5	14.2	79.5	93.1	127.8	15.2	16.580978	-94.944189
T. Izq. San Pedro Tapanatepec (2º Acceso)	241.70	1	0	3836	75.3	87.6	106.5	12.9	69.8	79.5	92.1	11.1	67.2	77.7	97.0	12.0	16.558395	-94.948404
T. Izq. San Pedro Tapanatepec (2º Acceso)	241.70	3	0	6004	70.0	80.6	100.8	12.1	64.8	73.2	91.4	9.7	63.8	73.2	95.2	11.5	16.545204	-94.952172
Juchitán de Zaragoza	255.55	1	0	8034	56.0	70.4	94.1	14.5	53.5	64.6	86.1	12.3	53.0	66.4	101.2	15.1	16.453967	-95.002129
Juchitán de Zaragoza	255.55	3	1	7692	87.4	102.3	124.3	15.9	86.5	101.8	120.1	15.7	71.0	90.5	119.3	18.4	16.437380	-95.032239
Juchitán de Zaragoza	255.55	3	2	8262	71.8	83.1	103.3	13.0	66.3	79.9	95.0	13.5	59.3	70.3	89.2	11.8	16.437380	-95.032239
Santo Domingo Tehuantepec	283.95	1	1	3843	82.9	95.1	121.7	14.1	78.6	89.8	101.6	12.6	78.2	90.8	106.8	13.1	16.347599	-95.208910
Santo Domingo Tehuantepec	283.95	1	2	3882	84.6	99.2	123.0	15.1	80.8	91.4	104.2	12.8	77.8	90.2	111.1	13.9	16.347629	-95.209006
Santo Domingo Tehuantepec	283.95	3	1	9244	87.7	102.3	124.3	15.6	87.8	102.9	123.4	16.0	71.2	90.8	119.2	18.3	16.314159	-95.237166
Santo Domingo Tehuantepec	283.95	3	2	9009	72.3	83.4	104.3	12.9	66.7	80.4	98.4	13.9	59.3	70.3	88.4	11.8	16.314159	-95.237166
Salina Cruz	302.35	1	1	14751	87.6	102.2	124.0	15.5	88.1	103.2	124.2	16.2	71.4	90.6	117.5	18.1	16.230557	-95.211130
Salina Cruz	302.35	1	2	13972	72.2	83.2	103.6	12.7	66.6	80.2	97.6	13.8	59.5	71.2	90.0	12.7	16.230558	-95.211130

8 C A R R : Coatzacoalcos - Villahermosa

CLAVE: 00528

RUTA: MEX-180

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Coatzacoalcos	0.00																	
Caseta de Cobro Pte. Coatzacoalcos	3.00	1	0	16246	70.3	80.7	98.4	11.8	67.9	77.4	91.9	10.9	63.3	72.5	89.3	10.8	18.116310	-94.412903
X. C. Pajaritos - Nanchital	6.53	1	0	20895	70.3	80.3	97.8	11.6	67.9	76.8	91.0	10.6	64.5	73.7	90.0	10.5	18.103148	-94.397388
X. C. Pajaritos - Nanchital	6.53	3	0	12805	70.0	79.9	97.0	11.6	67.7	76.5	90.9	10.5	63.6	72.9	90.0	10.9	18.093998	-94.376010
T. Der. Puente Antonio Dovalí Jaimes	14.60	1	0	10744	70.2	80.4	97.6	11.7	67.7	76.7	90.7	10.6	63.4	72.8	88.8	10.8	18.076029	-94.323558
T. Der. Puente Antonio Dovalí Jaimes	14.60	3	1	7519	70.6	80.9	99.8	12.0	68.4	78.1	93.6	11.1	62.7	73.1	94.2	12.2	18.071758	-94.313054
T. Der. Puente Antonio Dovalí Jaimes	14.60	3	2	7529	70.2	80.5	97.1	11.6	67.4	76.6	87.8	10.5	64.0	73.2	85.7	10.3	18.071747	-94.313051
T. Der. Las Choapas	36.00	3	1	6916	84.9	101.5	121.3	15.8	79.0	90.2	103.4	13.1	77.6	89.1	104.6	12.9	18.051951	-94.120995
T. Der. Las Choapas	36.00	3	2	7009	82.3	104.0	126.0	20.6	78.8	91.5	110.0	14.4	75.8	89.7	113.3	14.6	18.052544	-94.121018
Lim. Edos. Term. Ver. Ppia. Tab.	41.48																	
T. Izq. Villa La Venta	47.26	3	0	3604	73.8	88.5	104.9	15.0	73.4	82.5	92.7	11.2	64.9	76.6	92.8	11.9	18.058718	-94.033285

VERACRUZ

8 C A R R : Coatzacoalcos - Villahermosa

CLAVE: 00528

RUTA: MEX-180

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Izq. Campo Magallanes	65.20	1	0	3471	76.8	92.1	110.0	15.8	66.8	79.2	91.8	13.2	72.1	83.1	95.7	13.1	18.074035	-93.878699
T. Izq. Campo Magallanes	65.20	3	0	4975	74.5	92.7	112.9	17.4	67.3	82.9	98.9	15.7	75.5	88.6	103.6	14.1	18.073398	-93.876779
Pico de Oro	88.50	1	0	5292	89.1	104.3	124.5	16.2	80.1	93.6	104.7	15.5	86.7	99.0	118.4	13.8	18.018374	-93.683977
Pico de Oro	88.50	3	0	5104	90.5	104.7	131.2	15.7	84.6	100.9	134.3	16.8	84.0	98.1	129.2	15.3	18.019883	-93.673236
Cárdenas	122.10	1	1	13711	82.6	96.7	120.0	14.7	76.1	89.1	110.8	13.4	74.0	84.9	109.9	12.8	17.999050	-93.400884
Cárdenas	122.10	1	2	14505	73.2	100.9	142.9	26.3	73.1	100.7	143.5	27.0	68.9	91.1	142.9	24.5	17.999335	-93.400912
Cárdenas	122.10	3	1	18150	77.1	95.0	126.3	18.4	77.3	93.4	136.5	17.4	73.9	92.7	132.9	18.8	17.999037	-93.361755
Cárdenas	122.10	3	2	18503	86.3	102.9	131.8	15.9	92.8	110.8	135.8	17.4	84.6	103.3	131.0	17.3	17.999270	-93.361025
T. Izq. Samaria	132.50	3	1	15411	77.7	88.7	142.3	17.3	76.3	91.2	143.4	20.6	71.8	79.7	142.4	17.7	17.994854	-93.272670
T. Izq. Samaria	132.50	3	2	15272	85.4	96.1	114.0	12.0	80.0	91.3	106.6	12.6	77.7	89.3	106.7	12.7	18.000285	-93.272963
Cucuyulapa	134.80	1	1	14329	84.8	94.8	117.3	12.1	83.6	93.2	137.8	13.4	78.3	87.3	115.0	12.2	17.998956	-93.259066
Cucuyulapa	134.80	1	2	13867	93.5	105.8	125.9	14.1	85.7	94.7	112.4	12.3	83.2	93.3	111.4	12.0	17.999194	-93.259930
T. Der. La Reforma	148.80	1	1	15227	90.1	104.5	132.6	15.6	93.1	113.6	140.9	18.3	87.3	105.2	139.3	17.6	17.974096	-93.137904
T. Der. La Reforma	148.80	1	2	17405	85.0	95.9	112.9	12.6	79.3	90.0	103.4	11.9	76.9	87.4	102.9	11.8	17.974417	-93.138590
T. Der. La Reforma	148.80	3	1	26395	83.7	94.5	114.6	12.3	82.8	93.5	112.7	12.1	78.1	89.8	109.5	12.6	17.973765	-93.122175
T. Der. La Reforma	148.80	3	2	27164	85.0	95.6	114.4	11.9	83.5	94.3	112.6	12.3	79.6	91.5	110.7	12.9	17.974049	-93.122671
Villahermosa	171.15	1	1	34437	73.2	87.5	104.5	15.7	69.1	82.7	98.3	16.1	66.1	82.4	100.1	18.1	17.988332	-92.974476
Villahermosa	171.15	1	2	34216	57.9	67.9	88.1	11.7	54.4	63.5	79.5	10.3	53.2	61.9	76.8	10.5	17.988340	-92.974463

9 C A R R : Córdoba - Ent. Boticaria

CLAVE: 30525

RUTA: MEX-150

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Córdoba	0.00	3	1	8161	53.2	53.7	62.4	4.5	54.4	60.3	73.0	7.3	54.1	56.3	71.0	5.7	18.865993	-96.903481
Córdoba	0.00	3	2	7829	52.0	55.0	69.0	7.6	54.2	62.2	73.8	9.3	53.9	60.8	73.1	8.3	18.865995	-96.903493
T. Der. Lib. de Yanga (1er. Acceso)	13.50	1	0	14784	68.2	79.5	98.2	12.4	65.2	73.8	87.5	10.4	63.8	73.8	92.2	12.1	18.837316	-96.815675
T. Der. Libramiento de Cuitláhuac (1º Acceso)	24.65	1	0	13839	64.6	74.0	91.3	10.9	61.7	70.6	83.3	10.3	61.1	70.6	84.3	11.1	18.818305	-96.743269
Ent. La Tinaja	59.80	1	0	7364	75.5	88.8	108.7	13.4	69.9	79.6	93.0	10.9	68.9	78.5	93.8	11.2	18.759026	-96.484894
T. Der. Ignacio de La Llave	77.08	3	0	5828	72.7	91.5	126.8	18.7	67.3	84.9	103.2	16.5	65.3	83.5	112.7	17.8	18.833567	-96.319645
Paso del Toro	109.87	3	1	6111	56.8	53.9	109.6	4.6	55.0	53.5	54.8	0.0	55.0	53.5	54.8		19.014238	-96.142891
Paso del Toro	109.87	3	2	6252	74.7	88.2	114.7	14.4	68.3	80.6	93.9	12.7	61.7	74.2	93.2	13.3	19.040381	-96.135871
T. Der. Antón Lizardo	118.92	3	1	14536	45.2	51.5	74.2	9.6	46.2	52.3	114.9	11.3	43.4	51.2	67.2	11.2	19.097754	-96.106810
T. Der. Antón Lizardo	118.92	3	2	14948	47.1	52.0	69.0	8.6	43.7	49.9	59.5	8.0	41.6	48.6	58.2	9.5	19.098144	-96.106272
Ent. Boticaria	126.48	1	1	26929	49.7	54.7	65.4	8.6	46.1	52.9	63.0	8.9	45.2	52.4	62.6	9.6	19.145541	-96.126991
Ent. Boticaria	126.48	1	2	24642	41.4	47.9	59.9	8.9	33.1	39.7	51.8	8.0	33.8	43.2	53.4	10.0	19.145536	-96.127007

VERACRUZ

10 C A R R : Cosoleacaque - Soteapan

CLAVE: 30068

RUTA: MEX-185

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Salina Cruz	0.00	3	0	7772	46.4	52.5	63.8	7.9	48.7	52.5	54.7	7.5	42.4	49.5	62.3	9.1	17.993179	-94.661132
Soteapan	43.50	1	0	1602	46.9	52.6	63.4	7.8	55.0	53.5	54.8	0.0	45.8	51.4	55.0	7.4	18.223221	-94.879301

11 C A R R : Fortín - Conejos

CLAVE: 30143

RUTA: MEX-125

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Fortín	0.00	3	0	10503	44.7	49.3	60.7	6.0	42.6	47.3	54.3	7.0	42.2	46.5	62.5	8.4	18.909978	-96.999283
Coscomatepec	23.30	1	0	7931	52.2	60.6	80.0	10.5	46.9	54.3	70.8	10.4	46.0	54.2	73.0	10.8	19.062888	-97.043800
Coscomatepec	23.30	3	0	6495	54.3	61.7	74.5	8.7	48.3	53.7	64.7	8.3	48.1	54.8	73.1	10.1	19.080200	-97.036409
Huatusco	42.80	1	0	5447	56.5	64.4	79.8	10.0	52.1	60.2	73.4	10.1	50.8	56.9	73.3	10.1	19.144338	-96.983452
Huatusco	42.80	3	0	8116	65.1	75.3	118.8	14.0	75.7	97.0	112.3	20.2	68.4	94.9	130.1	22.8	19.154120	-96.954305
T. Izq. Totutla	53.70	3	0	4813	53.8	60.9	85.0	10.1	52.9	54.4	64.0	5.7	48.5	54.0	69.2	9.6	19.208431	-96.949292
Conejos	107.50	1	0	2415	77.9	93.1	119.8	15.8	74.4	89.1	111.7	15.5	72.9	91.0	133.7	18.2	19.308610	-96.495137

12 C A R R : La Granja - Temascal

CLAVE: 00275

RUTA: MEX-145

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. La Tinaja - Santa Cruz	0.00	3	0	3478	43.3	51.7	66.4	9.9	44.0	52.1	72.5	10.2	42.9	51.7	64.6	11.0	18.352783	-96.262002
Lim. Edos. Term. Ver. Ppia. Oax.	5.00																	
Temascal	23.00	1	0	2983	53.1	61.5	74.9	10.0	52.8	60.9	86.4	10.7	51.1	59.3	82.1	11.2	18.257746	-96.392388

13 C A R R : La Tinaja - Santa Cruz

CLAVE: 30153

RUTA: MEX-145

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
La Tinaja	0.00	3	0	10951	67.0	79.9	111.5	14.5	62.7	73.0	87.0	11.4	60.5	71.1	86.6	11.9	18.753019	-96.460166
T. Der. Acatlán	25.95	3	0	11582	71.7	82.3	100.7	12.1	68.0	77.2	93.1	10.9	62.6	72.8	90.0	11.6	18.536113	-96.382782
Tierra Blanca	36.00	3	0	11339	56.3	64.7	81.8	10.6	55.0	63.1	79.0	9.5	52.0	61.2	76.1	11.0	18.440166	-96.341498
T. Der. Temazcal	49.40	1	0	9264	71.3	82.1	100.8	12.3	67.1	75.4	90.2	10.2	62.1	72.1	88.9	11.3	18.357634	-96.262380
T. Der. Temazcal	49.40	3	0	8675	71.2	81.8	98.4	12.0	64.7	73.0	84.6	9.2	61.2	71.8	88.5	12.0	18.352312	-96.257151
T. Izq. Tres Valles	68.00	3	0	9302	70.5	81.2	99.9	12.2	67.1	75.5	90.8	10.4	61.3	71.2	85.9	11.1	18.232084	-96.141911
Cd. Alemán	76.00	1	0	10544	53.4	61.0	73.8	9.0	49.0	53.8	64.9	8.4	45.9	52.8	68.4	9.0	18.196252	-96.104042
Cd. Alemán	76.00	3	0	3701	53.1	62.0	74.7	10.4	47.3	53.6	69.6	8.9	46.3	54.4	71.0	10.1	18.189316	-96.093990

VERACRUZ

13 C A R R : La Tinaja - Santa Cruz

CLAVE: 30153

ruta: MEX-145

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Buenavista - Tuxtepec	79.00	1	0	3905	47.7	57.3	72.2	11.6	46.9	52.8	79.9	10.1	46.5	54.8	89.9	12.3	18.172467	-96.091537

14 C A R R : Libramiento de Cuitláhuac

CLAVE: 30738

ruta: MEX-150

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Córdoba - Ent. Boticaria (1º Acceso)	0.00	3	0	13839	72.4	83.3	102.5	12.4	70.0	80.0	98.2	11.7	66.4	76.0	95.2	11.8	18.814683	-96.737024
T. C. Córdoba - Ent. Boticaria (2º Acceso)	3.20																	

15 C A R R : Libramiento de Papantla

CLAVE:

ruta: MEX-180

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Poza Rica - Veracruz (Poniente)	0.00	3	0	3451	72.2	80.9	94.1	10.5	67.8	74.8	84.5	9.7	62.7	73.6	87.0	11.8	20.465718	-97.339817
T. C. Poza Rica - Veracruz (Oriente)	6.00	1	0	3648	72.2	81.0	94.0	10.5	68.0	74.9	84.4	9.7	64.1	74.8	89.1	12.0	20.453625	-97.302364

16 C A R R : Libramiento de Yanga

CLAVE: 30737

ruta: MEX-150

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Córdoba - Ent. Boticaria (1º Acceso)	0.00	3	0	13116	68.2	79.6	98.4	12.5	65.5	74.5	91.1	11.1	63.9	73.8	91.8	11.8	18.831966	-96.806026
T. C. Córdoba - Ent. Boticaria (2º Acceso)	2.60																	

17 C A R R : Libramiento Rinconada

CLAVE: 30737

ruta: MEX

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jalapa - Veracruz	0.00	3	1	5862	111.9	125.7	141.2	14.5	94.3	102.6	129.6	10.5	92.5	106.9	133.3	15.1	19.366668	-96.575520
T. C. Jalapa - Veracruz	0.00	3	2	5936	116.9	135.7	143.8	16.6	98.5	113.2	141.4	15.0	93.9	116.5	141.8	19.5	19.366669	-96.575519
T. C. Xalapa - Veracruz	5.00																	

VERACRUZ

18 C A R R : Minatitlán - Coatzacoalcos (Vía Cantica)

CLAVE: 30007

RUTA: MEX-172

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Minatitlán	0.00	3	0	15824	58.5	65.3	80.9	9.7	58.6	65.1	81.8	9.7	56.3	63.9	80.4	9.9	18.027090	-94.558383
Coatzacoalcos	29.30	1	0	11857	58.6	65.4	81.2	9.7	58.0	64.6	80.7	9.5	55.2	62.7	77.6	9.0	18.135715	-94.526825

19 C A R R : Orizaba - Zongolica

CLAVE: 30708

RUTA: MEX-150

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Orizaba	0.00	3	0	13058	45.8	52.6	64.0	8.7	35.2	47.7	55.0	10.1	42.3	52.0	55.0	12.8	18.828822	-97.090330
Zongolica	37.50	1	0	2295	45.7	52.6	64.0	8.6	41.4	51.9	54.6	13.1	35.8	47.9	56.3	10.8	18.666138	-97.007216

20 C A R R : Pachuca - Tempoal

CLAVE: 00113

RUTA: MEX-105

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Pachuca	0.00	3	0	6235	61.9	73.1	92.5	12.3	57.2	64.1	77.4	7.6	54.9	59.2	83.9	7.8	20.130583	-98.716234
T. Der. Omitlán de Juárez (1º Acceso)	18.20	1	0	7619	60.5	70.4	86.9	11.2	58.3	68.7	82.2	10.6	56.2	61.8	83.7	8.0	20.162509	-98.654341
Atotonilco El Grande	33.85	3	0	8235	62.3	73.4	92.7	12.3	59.4	70.1	82.8	10.8	57.0	66.0	90.7	10.1	20.300168	-98.680238
T. Izq. Metztlán	63.70	1	0	4608	62.5	73.6	93.2	12.3	58.6	68.5	81.7	9.5	57.0	64.2	84.1	8.7	20.467879	-98.680030
T. Izq. Metztlán	63.70	3	0	4915	62.0	73.1	92.5	12.3	60.2	72.0	84.8	12.1	56.5	62.7	84.9	8.3	20.470059	-98.668058
Metzquitlán	75.00	1	0	4746	62.4	73.5	92.9	12.3	59.9	71.2	84.1	11.5	57.5	67.4	85.7	10.1	20.526025	-98.650128
T. Izq. Zacualtipán	96.50	1	0	5326	62.1	73.4	92.8	12.3	60.0	71.9	84.7	12.2	58.2	69.0	90.9	11.0	20.646569	-98.639750
T. Izq. Zacualtipán	96.50	3	0	3706	62.3	73.6	93.0	12.4	58.4	67.4	80.5	8.9	56.0	62.7	84.5	8.5	20.663450	-98.671078
X. C. Molango - Xochicoatlán	129.80	1	0	3298	62.3	73.5	92.9	12.4	59.2	70.0	82.7	10.5	57.7	67.7	85.9	10.2	20.787161	-98.721445
X. C. Molango - Xochicoatlán	129.80	3	0	3343	62.4	73.6	93.0	12.4	59.9	71.2	84.1	11.4	56.9	64.6	84.2	8.9	20.792878	-98.725459
T. Izq. Tepehuacán de Guerrero	157.70	1	0	2330	62.1	73.4	92.9	12.4	56.7	59.5	78.5	5.8	55.9	61.1	82.5	7.5	20.965521	-98.681226
Tehuacán	199.20	1	0	2309	62.0	73.3	92.5	12.4	58.4	68.0	80.8	9.3	56.8	65.2	84.9	9.4	21.057746	-98.514440
T. Izq. Huejutla (1º Acceso)	214.60	1	0	8970	41.8	48.1	59.9	8.4	40.7	45.2	54.0	7.9	40.1	50.0	54.7	10.9	21.125120	-98.409654
T. Izq. Huejutla (1º Acceso)	214.60	3	0	7913	41.8	48.1	59.9	8.4	40.5	44.9	53.9	7.8	40.2	50.4	54.7	11.2	21.156102	-98.412801
Lim. Edos. Term. Hgo. Ppia. Ver.	217.20																	
T. C. Alazán - Canoas	260.68	1	0	1906	61.0	69.9	85.6	10.4	53.1	61.1	72.7	9.2	50.3	60.8	80.8	11.5	21.491732	-98.357719

VERACRUZ

21 C A R R : Pachuca - Túxpam

CLAVE: 00608

RUTA: MEX-130

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Pachuca	0.00																	
X. C. Libramiento de Pachuca	2.60	3	1	15960	60.6	66.4	83.6	9.2	54.7	62.1	92.3	9.8	54.0	59.7	81.7	8.3	20.087506	-98.713367
X. C. Libramiento de Pachuca	2.60	3	2	15598	71.1	82.9	101.0	13.0	69.7	81.4	101.4	13.2	65.5	78.5	100.7	13.2	20.087524	-98.713353
T. Izq. Pachuquilla (1º Acceso)	7.00	1	1	11673	60.8	66.7	83.8	9.3	54.8	62.4	92.0	9.9	54.4	59.7	80.1	7.7	20.078355	-98.710390
T. Izq. Pachuquilla (1º Acceso)	7.00	1	2	12542	71.0	82.9	101.0	13.0	69.9	81.7	101.6	13.2	63.6	76.3	98.2	13.3	20.077421	-98.709226
T. Izq. Pachuquilla (2º Acceso)	10.50	1	1	8381	60.7	66.6	83.8	9.2	55.0	62.6	91.7	9.8	54.3	60.0	83.0	8.2	20.067223	-98.668632
T. Izq. Pachuquilla (2º Acceso)	10.50	1	2	8140	70.9	82.8	100.9	13.1	69.2	81.0	100.6	13.1	66.1	79.2	100.6	13.5	20.067194	-98.668536
T. Der. Cd. Sahagún	16.59	1	1	6848	60.5	65.9	82.6	9.1	54.6	62.4	90.7	10.0	54.4	60.6	83.0	8.5	20.052940	-98.623392
T. Der. Cd. Sahagún	16.59	1	2	6824	71.2	83.0	101.0	13.0	69.4	81.0	100.7	13.0	66.4	79.4	101.0	13.4	20.052940	-98.623392
T. C. Venta de Carpio - Tulancingo	36.45	1	1	6925	60.6	66.3	83.4	9.2	54.1	61.4	90.0	9.9	54.2	59.6	82.3	8.2	20.056224	-98.462867
T. C. Venta de Carpio - Tulancingo	36.45	1	2	6563	71.0	82.8	100.9	13.0	70.1	82.0	102.1	13.3	64.8	77.5	99.5	13.0	20.056394	-98.461222
T. C. Venta de Carpio - Tulancingo	36.45	3	1	13035	60.6	66.4	83.5	9.2	54.3	61.9	90.2	9.9	54.0	59.4	81.3	8.1	20.063179	-98.438886
T. C. Venta de Carpio - Tulancingo	36.45	3	2	12353	71.0	82.8	100.9	13.0	69.6	81.6	101.3	13.4	64.5	76.8	98.9	12.9	20.063179	-98.438886
T. Izq. Libramiento de Tulancingo	53.70	3	0	14053	65.9	76.4	95.5	11.4	62.8	76.3	100.0	14.1	59.3	70.3	93.9	11.9	20.152241	-98.284660
T. Izq. Huayacocotla	66.42	3	0	9843	65.7	76.0	95.2	11.3	62.5	75.9	99.8	14.1	60.3	72.2	94.9	12.5	20.155320	-98.282784
Lim. Edos. Term. Hgo. Ppia. Pue.	83.18																	
T. Der. Huauchinango (1º Acceso)	94.00	1	0	12440	41.5	47.3	67.0	9.5	35.6	42.3	53.8	7.6	35.0	45.7	54.2	9.5	20.168985	-98.074233
T. Der. Huauchinango (2º Acceso)	100.00	3	0	8680	42.8	50.7	74.5	11.3	37.7	45.1	54.4	9.8	37.0	48.1	54.6	11.2	20.193685	-98.035994
Villa Ávila Camacho	141.75	1	0	6426	48.6	62.5	85.2	14.4	44.4	55.5	78.4	12.7	40.2	51.4	75.5	12.6	20.382982	-97.884287
Villa Ávila Camacho	141.75	3	0	8167	55.3	64.1	83.8	10.7	52.7	60.6	77.2	9.7	48.4	55.4	73.6	10.3	20.393900	-97.873875
Piedras Negras	158.70	1	0	6704	52.6	61.2	108.9	12.7	45.4	52.2	61.4	8.6	42.0	50.9	63.8	10.8	20.438694	-97.763556
T. Izq. Venustiano Carranza	174.10	3	0	8159	49.0	63.3	92.9	14.9	45.3	58.6	83.7	13.3	41.5	51.8	77.3	12.4	20.476903	-97.645754
Lim. Edos. Term. Pue. Ppia. Ver.	180.00																	
T. Der. Poza Rica	197.00	1	0	24714	54.6	62.4	78.1	9.2	51.5	58.8	71.4	9.1	49.5	56.0	70.9	9.4	20.520315	-97.492536
T. Der. Poza Rica	197.00	3	0	26293	49.4	54.9	70.3	8.8	47.7	53.2	64.3	8.0	47.3	53.2	65.0	8.3	20.561234	-97.477114
Tihuatlán	217.00	1	0	10967	49.5	54.9	70.5	8.8	48.0	52.4	61.1	7.1	47.2	53.2	65.2	8.4	20.698392	-97.527524
Tihuatlán	217.00	3	0	2635	73.7	86.4	102.4	13.8	71.3	80.3	90.7	10.6	66.2	78.2	93.1	12.8	20.732537	-97.525391
Túxpam	247.00	1	1	4984	77.2	88.9	103.8	12.5	72.8	81.6	91.9	10.4	68.3	78.3	92.5	11.5	20.940719	-97.404716
Túxpam	247.00	1	2	4953	70.3	84.4	101.6	15.5	68.8	80.2	92.1	12.9	63.0	77.9	94.2	15.3	20.940719	-97.404716

22 C A R R : Papantla - El Chote

CLAVE: 30740

RUTA: MEX-180

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Papantla	0.00	3	0	6291	48.1	55.0	96.2	11.7	43.7	51.0	69.5	10.1	50.6	53.0	54.8	6.5	20.428977	-97.333978

VERACRUZ

22 C A R R : Papantla - El Chote

CLAVE: 30740

RUTA: MEX-180

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud

El Chote 8.60

23 C A R R : Paso del Toro - Acayucan

CLAVE: 30527

RUTA: MEX-180

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud

Paso del Toro	0.00	3	0	10410	74.7	83.8	101.2	10.5	73.4	81.7	93.8	9.8	71.8	81.4	96.5	11.4	19.017384	-96.127516
Salinas	25.30	1	0	5887	86.7	98.6	116.7	12.8	80.1	90.1	104.6	11.4	78.8	91.1	110.2	13.4	18.894450	-95.949638
Alvarado	48.60	1	0	6763	65.3	73.9	89.1	10.1	63.4	70.8	81.6	9.0	61.8	70.9	84.7	11.0	18.781977	-95.782022
Puente Alvarado	49.57	2	0	4480													18.769901	-95.744541
T. Der. Puente Tlacotalpan	64.96	1	0	4625	96.0	109.7	130.9	13.8	86.6	94.2	110.9	11.1	85.3	94.9	117.6	12.1	18.721173	-95.645579
Cd. Lerdo de Tejada	81.70	3	0	8532	75.1	87.3	109.4	13.2	71.7	81.6	92.5	11.0	70.6	81.6	100.2	12.4	18.622390	-95.503706
Santiago Tuxtla	119.35	1	0	5069	56.2	62.7	74.4	8.4	52.4	57.6	71.5	8.0	50.8	58.0	72.9	9.9	18.472006	-95.298280
Santiago Tuxtla	119.35	3	0	6803	55.1	61.6	73.1	7.7	51.5	54.7	64.4	7.1	51.2	58.1	72.6	9.7	18.464583	-95.292900
Catemaco	146.40	1	0	10179	54.9	61.5	73.1	7.8	51.1	55.8	67.5	8.1	51.2	57.1	70.7	8.9	18.427961	-95.124091
Catemaco	146.40	3	0	4472	67.9	77.0	93.1	11.0	64.4	72.7	84.9	9.2	65.3	75.3	92.4	11.4	18.412677	-95.121686
Acayucan	225.04	1	0	8689	68.2	78.6	94.2	12.1	66.7	74.4	85.5	9.6	66.6	76.9	94.0	12.0	17.972334	-94.919597

24 C A R R : Ramal a Antón Lizardo

CLAVE: 30277

RUTA: MEX-150

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud

T. C. Córdoba - Ent. Boticaria	0.00	3	0	5900	69.3	80.2	98.9	12.4	64.9	77.1	92.4	13.3	58.6	73.2	92.6	15.7	19.056417	-96.058361
Antón Lizardo	15.00	1	0	4584	60.3	68.4	83.6	10.1	57.6	64.8	79.8	9.1	56.9	65.4	82.6	10.6	19.057346	-95.999276

25 C A R R : Ramal a El Higo

CLAVE: 30013

RUTA: MEX

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud

T. C. Tempoal - Canoas	0.00	3	0	1831	59.3	69.5	83.7	11.8	54.0	61.7	74.1	9.1	49.7	60.5	74.9	11.9	21.762243	-98.344379
El Higo	13.00	1	0	3550	59.1	69.4	83.7	11.8	52.9	63.3	77.5	12.0	51.6	58.4	73.7	9.9	21.777150	-98.446203

VERACRUZ

26 C A R R : Ramal a Hueyapan de Ocampo

CLAVE: 30712

RUTA: MEX-180

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Paso del Toro - Acayucan	0.00	3	0	3149	60.5	70.7	90.9	12.1	60.3	69.5	81.9	10.2	57.1	65.4	81.8	10.1	18.148502	-95.162910
Hueyapan	2.00																	

27 C A R R : Ramal a Puente Tampico

CLAVE: 28020

RUTA: MEX-180

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tuxpam - Tampico	0.00	3	1	4176	84.1	96.0	114.1	12.7	81.2	91.4	101.9	12.0	69.5	82.7	102.6	13.9	22.190233	-97.823981
T. C. Tuxpam - Tampico	0.00	3	2	4281	70.2	84.4	103.1	15.0	69.2	83.5	94.4	15.9	45.7	68.7	92.9	18.4	22.190263	-97.824164
Puente Tampico	6.00	1	1	4517	78.7	87.7	101.8	10.7	73.0	80.7	91.9	9.3	70.6	82.6	99.9	13.0	22.221697	-97.827175
Puente Tampico	6.00	1	2	4530	77.4	88.3	105.7	12.1	72.8	82.1	94.9	10.9	71.4	83.2	104.5	13.2	22.221580	-97.827258

28 C A R R : Ramal a Tecolutla

CLAVE: 30531

RUTA: MEX-180

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Gutiérrez Zamora	0.00	3	0	4566	52.1	62.9	85.6	12.2	46.3	55.0	76.2	11.9	49.5	60.6	83.8	13.0	20.465055	-97.081994
Tecolutla	11.50	1	0	3781	65.9	80.8	104.3	15.0	62.7	73.7	103.0	12.8	62.5	74.9	107.9	14.1	20.477389	-97.019976

29 C A R R : Ramal a Zapotlalillo

CLAVE: 30734

RUTA: MEX

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Pachuca - Tuxpam	0.00	3	0	2463	44.1	49.9	63.0	7.8	42.7	49.8	54.3	8.3	38.7	45.9	54.9	9.2	20.663323	-97.526750
Zapotlalillo	4.00																	

30 C A R R : San Hipólito - Xalapa

CLAVE: 00486

RUTA: MEX-140

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Puebla - Tehuacán	0.00	3	0	8867	35.3	42.8	55.0	9.2	36.2	44.4	53.5	9.1	36.2	44.5	53.8	9.3	18.929333	-97.858478
X. C. Puebla - Córdoba (Cuota)	7.86	3	1	9448	35.2	42.7	54.9	9.1	35.1	42.9	53.8	8.8	35.2	43.3	53.7	9.0	18.977520	-97.804250
X. C. Puebla - Córdoba (Cuota)	7.86	3	2	9367	35.2	42.7	54.9	9.1	35.3	43.2	53.8	8.9	35.3	43.2	53.8	9.0	18.977520	-97.804250
San Salvador El Seco	35.35	1	0	8013	79.8	92.5	119.3	14.2	77.5	86.9	102.1	11.4	75.6	86.0	105.3	12.4	19.126749	-97.654338
Zacatepec	54.20	1	0	7314	69.0	79.9	102.0	12.6	61.2	70.2	84.6	10.3	56.5	67.4	84.9	11.8	19.261067	-97.534020

VERACRUZ

30 C A R R : San Hipólito - Xalapa

CLAVE: 00486

RUTA: MEX-140

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Zacatepec	54.20	3	1	4222	73.1	85.8	105.7	13.7	66.0	74.6	90.1	10.4	63.8	72.8	91.3	10.7	19.271361	-97.528583
Zacatepec	54.20	3	2	4118	64.1	72.0	84.5	9.7	56.8	62.9	74.8	8.0	49.4	56.4	73.9	9.8	19.271356	-97.528587
Alchichica	80.00	3	1	4205	95.8	115.1	141.2	18.9	86.6	103.8	140.2	18.7	89.8	100.6	135.7	13.3	19.457754	-97.384784
Alchichica	80.00	3	2	3996	99.9	113.4	133.2	14.4	85.7	96.0	112.1	12.3	88.1	98.0	115.0	11.8	19.457754	-97.384783
Lim. Edos. Term. Pue. Ppia. Ver.	83.25																	
San Antonio Limón	89.60	1	0	7597	92.4	104.2	123.4	13.3	80.2	90.3	103.9	11.7	78.2	89.2	108.0	12.4	19.492896	-97.355802
Perote	101.70	1	0	7670	70.1	80.9	96.8	12.0	62.5	71.0	83.5	9.9	62.7	72.4	90.5	11.5	19.555150	-97.256728
Perote	101.70	3	0	9395	59.4	67.5	81.2	10.3	52.2	57.8	69.2	8.2	48.4	56.6	72.4	10.6	19.572179	-97.235361
T. Izq. Villa Aldama	109.50	1	0	6930	73.8	88.3	106.2	14.9	65.7	80.9	93.9	14.7	64.8	79.4	97.3	14.8	19.614561	-97.189934
T. C. Libramiento de Perote (Cuota)	110.70	3	1	6599	74.6	88.2	108.1	14.3	70.0	80.8	92.9	12.2	69.3	81.0	94.7	12.9	19.629034	-97.176446
T. C. Libramiento de Perote (Cuota)	110.70	3	2	6585	69.4	80.9	101.9	12.7	65.9	74.1	86.3	10.0	63.3	72.5	87.6	10.6	19.629034	-97.176447
Banderilla	145.00	1	0	17202	59.5	68.9	83.8	10.8	53.5	60.4	72.5	8.7	49.9	59.1	74.4	11.9	19.590432	-96.959918
T. Izq. Naolinco	146.00	3	1	14683	57.9	63.6	79.0	8.8	54.2	60.6	71.6	7.7	53.4	60.6	72.6	8.7	19.592946	-96.951778
T. Izq. Naolinco	146.00	3	2	14216	55.9	62.3	75.9	8.6	50.0	55.6	68.8	9.1	47.9	54.7	69.3	9.8	19.592947	-96.951779
Xalapa	151.20	1	1	20961	87.7	105.3	142.7	18.5	94.7	137.2	144.0	25.4	89.7	124.8	143.3	23.8	19.570780	-96.928725
Xalapa	151.20	1	2	20164	61.1	71.2	94.7	11.8	52.4	59.8	81.5	9.7	54.5	63.0	88.0	10.4	19.570790	-96.928719

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

CLAVE: 00106

RUTA: MEX-179

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Oaxaca - Tehuantepec	0.00	3	0	2835	66.4	78.3	92.5	12.7	63.8	72.5	84.1	10.0	63.6	74.5	90.7	12.8	16.917755	-96.385658
San Pedro y San Pablo Ayutla	55.00	1	0	1470	47.7	52.3	63.3	8.3	48.5	53.0	72.7	9.0	46.8	54.4	107.2	13.4	17.020890	-96.082435
T. Der. Zacatepec	90.00	1	0	1597	45.1	51.0	60.9	7.1	43.0	50.9	56.1	9.6	48.0	52.7	54.9	9.0	17.148337	-96.035299
Lim. Edos. Term. Oax. Ppia. Ver.	217.70																	
T. C. Tuxtepec - Ent. Palomares	238.70	1	0	1678	59.8	72.2	94.7	13.9	64.4	77.5	137.7	16.6	64.6	82.8	136.9	18.0	17.701110	-95.734847

32 C A R R : Tamarindo - José Cardel

CLAVE: 30193

RUTA: MEX-180

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tamarindo	0.00	3	1	7723	99.6	113.7	131.6	14.8	84.4	91.7	114.6	9.6	82.6	92.7	117.8	12.2	19.340370	-96.480401
Tamarindo	0.00	3	2	7759	102.3	117.7	135.6	15.3	87.2	94.3	120.2	11.5	79.4	94.1	128.1	16.7	19.340371	-96.480399
José Cardel	14.25	1	1	8785	96.8	107.5	123.1	12.2	88.9	97.9	115.7	11.1	87.4	98.0	113.8	12.3	19.365010	-96.397830
José Cardel	14.25	1	2	8560	95.5	108.1	125.0	13.0	87.4	98.2	118.2	12.2	84.5	97.5	118.8	13.6	19.365010	-96.397831

VERACRUZ

33 C A R R : Tehuacán - Córdoba

CLAVE: 00534

RUTA: MEX-150

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tehuacán	0.00	3	0	12763	50.5	60.3	77.4	10.6	44.4	54.4	72.5	11.1	41.5	51.4	68.8	10.8	18.501067	-97.405413
Chapulco	18.27	3	0	6976	58.6	68.4	84.8	11.3	55.7	64.6	79.5	9.6	52.3	63.4	82.7	12.4	18.629096	-97.402658
T. Izq. Azumbilla	20.51	3	0	2291	64.8	76.4	94.9	12.2	59.7	71.1	84.8	12.0	56.6	69.9	84.7	13.2	18.648200	-97.387503
Lim. Edos. Term. Pue. Ppia. Ver.	26.58																	
Cd. Mendoza	53.31	1	0	9857	55.5	62.7	76.9	8.7	56.5	62.6	74.3	8.5	53.4	60.9	74.8	9.6	18.790314	-97.195952
Cd. Mendoza	53.31	3	1	6931	44.5	50.8	62.8	7.7	46.0	51.3	63.6	8.2	43.7	50.4	62.0	8.3	18.810201	-97.172958
Cd. Mendoza	53.31	3	2	6689	44.5	50.5	61.6	7.3	42.8	44.9	54.4	6.3	42.3	46.2	56.5	7.4	18.810192	-97.172954
Orizaba	63.52	1	1	17885	39.0	43.6	54.3	7.5	36.4	40.4	52.7	6.3	33.9	41.0	53.3	8.3	18.840827	-97.113785
Orizaba	63.52	1	2	17390	41.1	49.5	62.7	10.2	37.0	43.4	54.0	9.1	30.7	43.5	54.0	13.8	18.840828	-97.113784
Orizaba	63.52	3	1	17592	55.8	62.6	75.0	8.5	52.0	60.5	73.2	10.0	51.8	60.0	72.9	9.9	18.859875	-97.065497
Orizaba	63.52	3	2	16566	57.2	63.2	75.0	8.1	54.7	60.2	72.6	6.9	54.3	59.5	71.9	6.9	18.859874	-97.065522
Fortín	80.24	1	0	5764	56.5	62.8	74.5	8.1	54.4	53.4	54.8	1.2	52.5	58.9	72.1	8.7	18.892279	-97.011964
Fortín	80.24	3	1	11786	55.6	62.4	74.7	8.4	52.6	55.6	64.0	6.5	51.2	60.1	73.1	10.3	18.901695	-96.989741
Fortín	80.24	3	2	11561	57.1	63.0	74.6	7.9	54.6	56.0	64.0	4.0	53.7	59.2	72.0	7.5	18.901695	-96.989730
Córdoba	86.76	1	1	13749	52.1	57.9	70.9	8.2	46.8	53.6	64.3	8.9	45.8	52.8	63.7	9.0	18.902587	-96.979598
Córdoba	86.76	1	2	12343	52.2	61.3	73.9	10.6	49.9	59.2	73.6	10.9	47.1	55.4	71.9	11.3	18.902589	-96.979603

34 C A R R : Teziutlán - Nautla

CLAVE: 00144

RUTA: MEX-129

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Teziutlán	0.00	3	0	6854	50.4	54.8	66.3	8.8	48.9	52.7	60.2	7.1	46.8	52.9	63.4	9.1	19.836161	-97.341389
Lim. Edos. Term. Pue. Ppia. Ver.	17.50																	
Tlapacoyan	33.20	1	0	5476	62.7	72.4	89.3	11.1	59.6	64.6	76.1	8.7	58.0	67.2	84.4	11.5	19.954774	-97.219121
Tlapacoyan	33.20	3	0	10371	62.6	73.2	96.1	12.4	58.7	66.0	76.4	9.0	57.2	65.2	84.6	10.4	19.977177	-97.203287
Martínez de La Torre	58.00	3	0	15017	51.1	59.7	77.8	10.5	49.1	56.2	70.6	9.8	47.7	56.7	73.4	10.8	20.086178	-97.024526
San Rafael	84.40	3	0	8099	64.1	72.4	93.3	10.3	59.4	66.0	82.5	9.6	58.0	63.2	80.3	7.6	20.197224	-96.868187
T. C. Poza Rica - Veracruz	93.20	1	0	5030	78.8	89.6	107.4	12.2	70.9	80.0	92.6	10.6	69.8	80.7	98.9	12.3	20.232765	-96.795379

35 C A R R : Teziutlán - Perote

CLAVE: 00209

RUTA: MEX-131

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Teziutlán	0.00	3	0	9398	43.5	44.2	53.4	4.3	41.0	43.2	51.7	5.8	40.7	43.2	52.9	6.7	19.790341	-97.352369
Lim. Edos. Term. Pue. Ppia. Ver.	11.30																	

VERACRUZ

35 C A R R : Teziutlán - Perote

CLAVE: 00209

RUTA: MEX-131

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Jalacingo	12.50	3	0	6071	54.0	59.6	74.9	7.8	53.7	57.9	72.2	7.0	52.5	57.2	74.1	8.7	19.791716	-97.296996
T. Izq. Atzalan	23.00	3	0	9042	53.0	54.3	71.1	6.0	51.7	53.7	63.6	6.7	50.8	53.7	64.5	8.1	19.778417	-97.250583
T. Izq. Altotonga II	26.90	3	0	7365	61.8	70.9	83.6	10.7	49.3	58.9	71.6	11.4	48.2	59.7	74.2	13.2	19.766021	-97.251450
T. Izq. Villa Aldama	37.60	3	0	5807	73.0	83.5	102.0	12.0	69.5	77.1	88.3	9.9	65.8	74.5	92.1	10.7	19.661506	-97.247105
Perote	49.10	1	0	6077	73.1	83.5	101.5	11.8	69.7	77.2	88.6	9.9	66.2	75.0	93.0	11.2	19.580168	-97.248882

36 C A R R : Tihuatlán - Castillo de Teayo

CLAVE: 30700

RUTA: MEX-130

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tihuatlán - Potrero del Llano	0.00	3	0	2102	53.4	60.5	72.7	8.7	50.2	54.9	64.5	7.9	50.1	57.2	69.2	9.5	20.719894	-97.549623
Castillo de Teayo	23.00																	

37 C A R R : Tihuatlán - Potrero del Llano

CLAVE: 30132

RUTA: MEX-127

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tihuatlán	0.00	3	0	8484	80.0	91.8	108.9	12.9	70.9	80.2	94.6	10.9	67.1	78.9	100.4	13.1	20.722007	-97.553263
Álamo	31.60	1	0	10244	79.5	91.6	108.7	13.1	70.3	79.7	93.2	10.8	66.6	78.1	99.0	12.9	20.901837	-97.675032
Álamo	31.60	3	0	10859	79.2	91.4	108.5	13.2	70.3	79.2	92.4	10.6	66.8	78.4	98.4	12.9	20.911741	-97.684362
T. C. Alazán - Canoas	51.70	1	0	6819	64.4	74.3	92.5	11.6	58.4	66.7	80.5	9.8	54.9	64.8	82.7	11.1	21.099083	-97.752480

38 C A R R : Tuxpam - Tampico

CLAVE: 00529

RUTA: MEX-180

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tuxpam	0.00	3	0	6213	64.6	73.5	91.1	10.3	60.2	67.6	80.7	9.0	60.6	70.0	86.5	11.0	20.954982	-97.459276
T. Izq. La Lajuela	28.70	1	0	5129	60.4	70.1	85.2	11.2	55.4	62.6	74.6	8.1	55.7	63.7	82.8	9.4	21.045952	-97.611050
T. Izq. Tempoal de Sánchez	45.20	1	0	5813	59.9	69.4	84.4	11.0	55.1	61.1	73.3	6.9	55.5	64.4	83.5	10.5	21.088809	-97.730645
Cerro Azul	56.66	1	0	9407	63.4	79.0	115.5	16.6	67.4	79.4	138.7	16.4	59.8	72.1	112.7	14.8	21.175530	-97.752504
T. Izq. Naranjos	78.60	1	0	9315	64.0	78.8	112.4	15.9	69.0	82.8	139.1	17.8	60.2	72.5	119.5	15.1	21.336587	-97.691282
T. Izq. Naranjos	78.60	3	0	10539	56.1	63.6	79.3	9.4	54.0	59.7	71.8	7.6	52.3	59.1	74.4	9.2	21.364960	-97.685416
T. Der. Ozuluama	124.42	1	0	5952	56.4	63.7	79.9	9.4	53.9	59.6	71.8	7.5	52.1	58.6	74.0	9.2	21.669190	-97.859683
T. Der. Ozuluama	124.42	3	0	5408	56.5	63.8	79.7	9.3	54.2	60.2	72.2	7.7	52.0	58.3	73.7	9.1	21.686504	-97.851106
Tampico Alto	177.80	1	0	5653	84.6	100.2	133.1	15.7	79.0	89.7	128.4	13.4	74.6	87.4	119.6	14.4	22.104713	-97.803286

VERACRUZ

38 C A R R : Túxpam - Tampico

CLAVE: 00529

RUTA: MEX-180

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tampico Alto	177.80	3	0	7174	69.3	83.6	102.6	15.2	69.2	80.0	93.6	12.0	65.9	75.7	93.3	11.5	22.117365	-97.804535
Villa Cuauhtémoc	186.85	1	0	7798	85.0	108.6	138.7	20.2	81.1	104.4	139.6	20.5	77.8	99.6	134.0	18.0	22.167633	-97.829612
Villa Cuauhtémoc	186.85	3	0	5518	42.3	47.2	61.0	7.9	42.2	47.2	54.7	7.5	42.1	47.9	63.6	9.0	22.201878	-97.842000
Lim. Edos. Term. Ver. Ppia. Tamps. (Río Pánuco)	189.82																	

39 C A R R : Tuxtepec - Ent. Palomares

CLAVE: 00180

RUTA: MEX-147

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tuxtepec - Oaxaca	0.00	3	0	4120	60.7	70.6	103.3	13.0	58.8	68.0	110.2	13.3	54.1	62.1	90.3	10.5	18.037869	-96.160793
X. C. El Rodeo - Reforma	15.20	3	0	2427	61.2	71.4	111.2	13.5	58.3	65.0	102.0	11.1	54.8	62.4	88.8	9.7	17.950237	-96.070106
Lim. Edos. Term. Oax. Ppia. Ver.	40.00																	
X. C. Playa Vicente - El Tomate	48.16	1	0	2003	55.2	65.5	82.2	12.3	53.8	61.1	73.2	8.9	53.0	59.6	73.9	9.1	17.783695	-95.832953
X. C. Playa Vicente - El Tomate	48.16	3	0	2634	55.1	65.0	81.4	12.1	53.9	60.2	71.3	7.9	51.3	61.6	74.3	12.1	17.783165	-95.830351
T. Der. Xochiapa	65.00	3	0	1568	54.9	65.1	82.2	12.3	54.3	60.0	71.0	7.2	51.9	57.8	74.1	9.6	17.702990	-95.733163
T. Izq. San Juan Evangelista	81.20	1	0	1304	55.2	65.0	80.6	11.8	54.7	58.6	66.8	5.4	52.6	59.1	72.8	9.1	17.616404	-95.636729
Lim. Edos. Term. Ver. Ppia. Oax.	87.00																	
María Lombardo de Caso	110.50	1	0	2450	69.9	83.8	107.6	14.9	57.9	55.9	89.2	6.3	62.3	74.6	95.3	12.8	17.452156	-95.432675
T. C. Coatzacoalcos - Salina Cruz	175.00	1	0	1853	70.3	84.6	109.2	15.4	64.0	81.4	97.8	15.2	62.4	75.3	103.4	12.9	17.138853	-95.065744

40 C A R R : Xalapa - Veracruz

CLAVE: 30526

RUTA: MEX-140

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Xalapa	0.00	3	1	28532	67.9	78.0	107.4	12.9	61.5	70.9	86.9	10.9	60.3	70.5	90.6	12.0	19.508057	-96.866405
Xalapa	0.00	3	2	30450	69.1	79.1	108.0	12.8	63.2	72.3	88.6	10.3	62.9	72.9	92.4	11.7	19.508057	-96.866406
T. Der. Coatepec	4.14	3	1	15961	94.7	103.9	122.2	11.0	85.8	96.6	110.7	11.4	85.3	95.7	109.4	12.3	19.505598	-96.852376
T. Der. Coatepec	4.14	3	2	16595	90.9	102.6	122.8	13.8	81.5	94.1	110.0	13.7	80.0	93.9	110.0	15.7	19.505598	-96.852377
Corral Falso	17.40	3	1	9596	80.3	88.9	100.7	10.3	68.3	72.7	80.5	8.0	67.6	73.8	84.6	9.9	19.458549	-96.750668
Corral Falso	17.40	3	2	9816	99.0	122.1	142.6	21.6	87.2	111.7	142.9	20.9	74.6	99.5	140.6	23.1	19.458552	-96.750670
Cerro Gordo	25.20	3	0	7989	72.0	79.5	93.2	9.4	63.6	69.0	80.9	7.3	60.9	67.4	82.9	9.2	19.432833	-96.696028
Plan del Río	33.11	3	0	7715	75.8	83.5	96.7	9.4	71.1	77.4	89.8	9.2	70.3	77.6	91.4	10.0	19.396686	-96.652445
T. Izq. Actopan	38.62	3	1	8839	104.2	120.9	139.6	15.9	90.4	98.7	122.4	11.7	88.9	101.3	128.9	14.0	19.389764	-96.608441
T. Izq. Actopan	38.62	3	2	8891	103.4	121.9	140.7	17.2	90.3	98.6	126.1	12.0	86.9	100.3	132.2	14.4	19.389765	-96.608442
T. Izq. José Cardel	53.82	1	1	8996	91.1	104.5	122.6	14.6	78.3	89.5	109.3	12.4	73.0	88.9	111.7	16.3	19.338983	-96.496336

VERACRUZ

40 C A R R : Xalapa - Veracruz

CLAVE: 30526

RUTA: MEX-140

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Izq. José Cardel	53.82	1	2	8819	83.2	95.9	112.5	13.7	72.1	82.8	94.0	12.5	64.2	78.6	95.5	14.2	19.338981	-96.496336
T. Izq. José Cardel	53.82	3	0	4940	73.1	84.0	100.0	12.3	62.8	75.9	91.5	13.4	59.8	74.3	92.1	15.5	19.333853	-96.486050
T. Der. Huatusco	58.52	1	0	4401	80.4	92.5	110.1	13.3	71.3	81.1	95.0	11.4	69.6	82.9	101.9	14.7	19.315046	-96.491971
T. Der. Huatusco	58.52	3	0	3976	66.7	72.8	83.4	8.3	61.1	66.1	74.0	7.9	59.6	65.5	74.7	9.4	19.307625	-96.491247
T. Der. Soledad Doblado	93.70	1	1	8463	71.9	82.1	100.8	11.8	67.0	75.5	84.8	10.7	64.4	73.8	88.3	11.0	19.190851	-96.279819
T. Der. Soledad Doblado	93.70	1	2	9119	76.9	85.9	103.2	10.9	71.3	77.2	85.1	8.6	66.6	74.4	92.2	10.4	19.190850	-96.279819
T. Der. Soledad Doblado	93.70	3	1	10716	61.0	70.7	89.6	10.3	55.4	62.7	77.7	7.5	53.8	60.6	78.5	8.5	19.187030	-96.270105
T. Der. Soledad Doblado	93.70	3	2	10832	68.9	81.3	99.7	13.4	62.3	72.0	85.0	11.1	59.8	70.6	86.0	12.0	19.187029	-96.270106
T. Der. Aeropuerto	102.63	1	1	25661	60.5	72.0	98.0	13.7	57.2	67.7	83.8	11.3	56.6	67.6	84.7	11.7	19.151191	-96.177125
T. Der. Aeropuerto	102.63	1	2	24240	44.0	52.0	86.9	11.5	41.4	48.8	60.8	9.3	40.4	48.9	60.5	10.3	19.151191	-96.177124
T. Izq. Boulevard Miguel Alemán	106.79	1	1	35326	73.1	81.3	102.4	10.6	73.7	82.2	104.6	10.7	70.7	79.6	101.6	11.3	19.141651	-96.153942
T. Izq. Boulevard Miguel Alemán	106.79	1	2	36036	72.9	84.7	139.8	16.2	73.1	86.9	117.7	14.9	70.7	84.9	119.9	15.9	19.141650	-96.153942
Veracruz	114.37																	

41 C A R R : Acatzingo - Cd. Mendoza (Cuota)

CLAVE: 00485

RUTA: MEX-150D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Izq. Acatzingo	47.10	3	1	20053	48.8	52.8	65.0	8.4	45.5	51.0	55.5	7.1	49.6	53.3	61.2	8.2	18.974030	-97.802083
T. Izq. Acatzingo	47.10	3	2	18863	58.8	64.4	83.9	9.4	55.0	60.8	74.6	7.1	55.0	57.3	74.2	5.3	18.974030	-97.802083
T. Der. Tecamachalco	62.10	1	1	10845	48.9	52.9	66.0	8.5	45.7	51.2	55.5	7.1	48.6	53.0	61.2	8.5	18.935044	-97.691000
T. Der. Tecamachalco	62.10	1	2	10127	58.7	64.3	84.1	9.3	54.9	60.7	74.4	7.0	55.2	59.1	74.9	6.0	18.935044	-97.691000
T. Der. Tecamachalco	62.10	3	1	10950	48.9	52.9	65.0	8.4	45.7	51.2	55.4	7.2	49.4	53.2	61.0	8.3	18.930099	-97.679456
T. Der. Tecamachalco	62.10	3	2	11013	58.8	64.4	84.1	9.4	55.1	60.8	74.7	7.1	55.0	58.1	74.8	5.6	18.930099	-97.679456
T. Der. Oaxaca (Cuota)	83.85	1	1	10173	108.2	126.9	142.3	17.5	94.1	102.1	125.3	10.4	87.9	99.6	126.4	13.6	18.828360	-97.498326
T. Der. Oaxaca (Cuota)	83.85	1	2	9978	107.0	138.2	144.1	24.9	96.5	131.4	143.6	18.6	94.1	123.6	143.3	20.0	18.828355	-97.498318
Caseta de Cobro Esperanza	99.50	2	1	6025													18.870773	-97.385953
Caseta de Cobro Esperanza	99.50	2	2	6025													18.870773	-97.385953
Lim. Edos. Term. Pue. Ppia. Ver.	111.40																	
T. Der. Cd. Mendoza	142.40	1	1	5992	74.0	94.4	113.9	19.0	70.4	88.1	103.8	17.0	61.1	77.9	97.8	16.2	18.814038	-97.195167
T. Der. Cd. Mendoza	142.40	1	2	6035	72.4	87.7	114.4	14.9	64.7	84.7	99.6	15.7	63.6	79.6	100.8	14.5	18.814054	-97.195171

VERACRUZ

42 C A R R : Amozoc - Perote (Cuota)

CLAVE: 00030

RUTA: MEX-140D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Puebla - Córdoba (Cuota)	0.00	3	0	8340	35.1	42.7	55.0	9.2	35.1	43.1	53.3	8.8	36.1	44.6	53.6	9.2	19.068454	-98.065667
Caseta de Cobro Amozoc	0.68	2	0	8073													19.063599	-98.069029
Lim. Edos. Term. Pue. Ppia. Tlax.	20.08																	
X. C. Huamantla - La Venta	25.80	3	0	6656	35.1	42.8	54.8	9.2	35.6	43.7	53.3	8.9	35.6	44.1	53.7	9.1	19.228610	-97.896275
Lim. Edos. Term. Tlax. Ppia. Pue.	30.50																	
Lim. Edos. Term. Pue. Ppia. Tlax.	31.26																	
Lim. Edos. Term. Tlax. Ppia. Pue.	31.67																	
Lim. Edos. Term. Pue. Ppia. Tlax.	38.93																	
Caseta de Cobro Cuapiaxtla	40.34	2	0	5489													19.304158	-97.805312
Lim. Edos. Term. Tlax. Ppia. Pue.	54.50																	
T. Der. Oriental	61.45	1	0	7867	95.0	110.4	133.0	15.0	85.6	94.4	110.6	12.5	82.0	98.5	122.9	17.0	19.414041	-97.646459
T. Der. Oriental	61.45	3	1	3341	111.8	131.1	143.2	17.2	97.4	106.9	137.0	14.5	95.6	116.0	139.8	20.8	19.421397	-97.636597
T. Der. Oriental	61.45	3	2	3309	102.3	118.1	139.0	15.4	90.9	100.0	113.0	11.7	88.1	102.5	124.6	15.9	19.421397	-97.636597
T. Izq. Teziutlán	62.70	3	0	4304	112.0	131.3	143.2	17.4	92.0	102.4	124.1	13.8	92.5	112.4	138.7	19.3	19.427359	-97.628784
Lim. Edos. Term. Pue. Ppia. Ver.	90.36																	
T. C. Lib. de Perote	105.00																	

43 C A R R : Cd. Mendoza - Córdoba (Cuota)

CLAVE: 00485

RUTA: MEX-150D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Der. Cd. Mendoza	142.40	3	1	15093	73.8	94.8	114.0	19.3	70.9	88.8	104.9	17.2	61.8	78.4	98.3	16.1	18.816751	-97.174502
T. Der. Cd. Mendoza	142.40	3	2	15409	73.6	89.6	117.0	15.2	64.2	84.6	99.5	15.8	63.1	78.8	100.6	14.4	18.816753	-97.174500
T. Izq. Orizaba	157.05	3	1	16773	74.6	95.0	114.1	18.8	70.4	88.5	104.7	17.2	61.7	78.4	99.3	16.1	18.833059	-97.086666
T. Izq. Orizaba	157.05	3	2	16933	73.1	88.8	115.4	15.1	64.8	85.1	99.7	15.7	63.4	79.6	100.7	14.6	18.833059	-97.086659
Caseta de Cobro Fortín de Las Flores	168.20	2	1	10794													18.907152	-96.999435
Caseta de Cobro Fortín de Las Flores	168.20	2	2	10793													18.907152	-96.999435
Córdoba	174.87	1	1	13465	74.8	95.6	114.3	19.1	70.5	88.7	105.3	17.4	61.8	78.5	99.2	16.1	18.906850	-96.991388
Córdoba	174.87	1	2	12367	73.7	89.7	115.9	15.2	64.6	84.9	99.8	15.7	63.3	79.3	100.4	14.5	18.906849	-96.991383

44 C A R R : Córdoba - Veracruz (Cuota)

CLAVE: 30066

RUTA: MEX-150D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Córdoba - Ent. Boticaria	0.00																	

VERACRUZ

44 C A R R : Córdoba - Veracruz (Cuota)

CLAVE: 30066

RUTA: MEX-150D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Caseta de Cobro Cuitláhuac	14.14	2	1	5881													18.839397	-96.746790
Caseta de Cobro Cuitláhuac	14.14	2	2	5881													18.839397	-96.746790
T. C. La Tinaja - Cosoleacaque (Cuota)	45.00	1	1	6432	100.7	120.9	140.4	18.4	82.5	92.7	117.3	13.2	73.5	89.6	119.9	16.6	18.782158	-96.472471
T. C. La Tinaja - Cosoleacaque (Cuota)	45.00	1	2	6290	115.3	135.7	143.8	18.1	95.9	102.9	130.9	9.8	89.4	102.0	132.0	14.7	18.782160	-96.472467
T. C. La Tinaja - Cosoleacaque (Cuota)	45.00	3	1	5508	101.6	122.1	140.9	18.5	82.5	92.7	116.3	13.2	74.6	90.7	121.0	16.6	18.781653	-96.447934
T. C. La Tinaja - Cosoleacaque (Cuota)	45.00	3	2	5287	114.6	135.6	143.7	18.6	95.6	102.8	131.3	10.0	89.1	103.4	133.6	16.1	18.781652	-96.447933
Caseta de Cobro Paso del Toro	89.90	2	1	2888													19.081775	-96.198448
Caseta de Cobro Paso del Toro	89.90	2	2	2887													19.081775	-96.198448
T. C. Xalapa - Veracruz	98.00	1	1	5291	63.5	72.4	87.6	10.4	62.7	71.1	83.3	9.8	59.2	66.9	82.5	9.1	19.135591	-96.153554
T. C. Xalapa - Veracruz	98.00	1	2	5311	56.8	62.9	74.1	8.2	53.0	56.2	71.8	6.9	53.3	54.9	71.5	6.6	19.135589	-96.153557

45 C A R R : Gutiérrez Zamora - Tihuatlán (Cuota)

CLAVE: 30009

RUTA: MEX-130D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tihuatlán - Tuxpam (Cuota)	0.00																	
T. Der. Poza Rica	24.20	1	0	7134	85.1	97.4	114.8	13.1	68.5	79.3	94.0	12.2	67.5	79.3	98.5	13.0	20.629296	-97.393981
T. Der. Poza Rica	24.20	3	0	3831	84.4	97.1	115.9	13.6	69.9	80.7	98.0	12.4	67.5	79.4	99.9	13.2	20.612066	-97.388359
Caseta de Cobro Totomoxtle	37.10	2	0	3632													20.461959	-97.245982
T. C. Poza Rica - Veracruz	37.20																	
T. C. Tihuatlán - Tuxpam (Cuota)	38.20	3	0	5482	85.2	97.3	114.8	13.0	67.1	77.5	93.6	11.8	67.0	78.8	96.8	13.0	20.688759	-97.486737

46 C A R R : La Tinaja - Cosoleacaque (Cuota)

CLAVE: 30144

RUTA: MEX-145D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Córdoba - Veracruz (Cuota)	0.00																	
X. C. Córdoba - Boticaria	2.50	1	1	5250	86.8	106.3	127.1	18.0	78.3	90.4	110.3	13.3	74.6	86.4	108.6	13.1	18.770921	-96.448091
X. C. Córdoba - Boticaria	2.50	1	2	5300	102.2	122.9	141.6	18.4	88.2	100.8	125.0	14.1	85.8	98.0	124.0	13.8	18.770921	-96.448091
X. C. Córdoba - Boticaria	2.50	3	1	4899	87.2	106.7	127.7	18.0	78.0	90.1	108.1	13.2	74.9	87.3	109.5	13.2	18.766802	-96.443038
X. C. Córdoba - Boticaria	2.50	3	2	4687	102.0	122.5	141.5	18.3	88.2	100.8	124.6	14.2	85.5	97.4	122.0	13.6	18.766810	-96.443050
Caseta de Cobro Cosamaloapan	83.36	2	1	4271													18.335024	-95.822200
Caseta de Cobro Cosamaloapan	83.36	2	2	4271													18.335024	-95.822200
X. C. Santiago Tuxtla - Playa Vicente	120.00	1	1	4345	57.3	53.8	122.6	4.6	57.2	53.8	112.3	4.3	56.4	53.7	87.7	2.7	18.161234	-95.544004
X. C. Santiago Tuxtla - Playa Vicente	120.00	1	2	3923	112.5	133.1	143.5	18.2	101.1	121.1	142.2	17.9	93.3	107.7	137.9	15.9	18.161234	-95.544004

VERACRUZ

46 C A R R : La Tinaja - Cosoleacaque (Cuota)

CLAVE: 30144

RUTA: MEX-145D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
X. C. Santiago Tuxtla - Playa Vicente	120.00	3	1	4417	57.4	53.8	123.5	4.8	57.3	53.8	113.3	4.4	56.3	53.7	71.3	2.5	18.152639	-95.530833
X. C. Santiago Tuxtla - Playa Vicente	120.00	3	2	3077	110.6	131.6	143.3	18.7	99.7	119.5	142.1	17.9	94.9	111.1	139.9	16.2	18.152648	-95.530848
T. C Coatzacoalcos - Salina Cruz	187.77	1	1	4558	57.0	76.6	96.9	18.3	51.5	66.0	83.5	15.9	46.2	60.2	76.6	14.9	17.909610	-94.943551
T. C Coatzacoalcos - Salina Cruz	187.77	1	2	3796	72.6	82.7	96.2	11.8	65.3	73.2	88.4	9.4	56.1	64.9	83.2	10.4	17.909695	-94.943625
Caseta de Cobro Acayucan (Sayula)	187.77	2	1	3197													17.909977	-94.937353
Caseta de Cobro Acayucan (Sayula)	187.77	2	2	3196													17.909977	-94.937353
Caseta de Cobro Acayucan (Sayula)	187.77	3	1	5821	58.7	77.3	96.9	17.6	53.9	67.4	83.9	14.4	46.2	60.4	77.5	15.1	17.910453	-94.929032
Caseta de Cobro Acayucan (Sayula)	187.77	3	2	5383	73.0	82.8	96.0	11.5	65.6	73.5	89.1	9.6	56.5	65.5	83.3	10.5	17.910551	-94.929021
T. C. Coatzacoalcos - Salina Cruz	228.10	1	1	5036	101.8	116.0	133.6	15.1	85.3	92.0	103.5	8.5	82.9	90.4	103.7	9.4	17.995551	-94.601280
T. C. Coatzacoalcos - Salina Cruz	228.10	1	2	5027	118.0	139.7	144.3	21.1	116.2	138.7	144.2	19.4	102.9	121.5	142.5	18.6	17.995584	-94.601363

47 C A R R : Las Choapas - Ocozocoautla (Cuota)

CLAVE: 00077

RUTA: MEX-187D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Villahermosa	0.00	3	0	3569	101.4	122.4	142.7	18.4	94.6	118.1	143.1	18.1	86.8	100.3	140.3	15.6	18.063093	-94.246512
Caseta de Cobro Las Choapas	16.80	1	0	3169	90.5	107.3	129.6	16.8	79.9	90.1	104.3	12.2	77.0	87.8	109.5	12.5	17.956910	-94.178402
Caseta de Cobro Las Choapas	16.80	2	0	2218													17.944788	-94.172378
Caseta de Cobro Malpasito	112.00	1	0	2390	90.9	107.8	130.5	16.8	80.1	90.8	105.4	12.6	78.0	89.2	111.5	12.9	17.354885	-93.588715
Caseta de Cobro Malpasito	128.00	2	0	2098													17.349102	-93.586412
Lim. Edos. Term. Ver. Ppia. Chis.	130.00																	
T. Izq. Malpaso	141.87	1	0	4783	89.3	107.2	129.6	17.8	79.6	90.4	104.1	12.7	76.5	88.2	112.0	13.4	17.260106	-93.568869
Caseta de Cobro Ocozocoautla	182.20	2	0	3984													16.863216	-93.407000
Caseta de Cobro "Ocozocoautla"	182.50	1	0	3688	90.1	106.8	128.9	16.8	79.7	90.3	104.8	12.7	76.6	87.4	108.4	12.6	16.865028	-93.411139
T. C. Tapanatepec - Tuxtla Gutiérrez	197.50	1	0	4486	90.0	104.2	127.8	15.4	75.1	88.1	114.5	14.0	70.9	84.4	121.3	15.6	16.771595	-93.317889

48 C A R R : Libramiento de Cardel (Cuota)

CLAVE: 30729

RUTA: MEX-180D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tamarindo - Cardel	0.00	3	0	8187	96.3	107.7	124.0	12.4	86.3	96.4	112.9	11.8	85.6	97.2	114.9	12.8	19.373095	-96.387029
T. C. Poza Rica - Veracruz	2.50																	

VERACRUZ

49 C A R R : Libramiento de Córdoba (Cuota)

CLAVE: 30742

RUTA: MEX-150D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Aut. Puebla - Córdoba	0.00	3	1	15007	71.2	99.8	126.0	21.6	69.6	92.7	121.1	19.0	66.3	85.1	109.9	15.2	18.874396	-96.948343
T. Aut. Puebla - Córdoba	0.00	3	2	15983	85.1	99.9	120.5	15.1	74.9	89.5	105.7	14.8	62.5	80.4	101.2	17.3	18.874388	-96.948345
T. C. Córdoba - Ent. Boticaria	9.20	1	1	13785	69.7	97.5	124.9	20.6	69.3	91.9	120.1	18.6	65.9	84.0	110.3	14.8	18.859012	-96.886280
T. C. Córdoba - Ent. Boticaria	9.20	1	2	13745	84.8	99.7	120.7	15.2	74.9	89.4	105.8	14.8	65.1	82.2	103.4	16.6	18.859015	-96.886281

50 C A R R : Libramiento Perote (Cuota)

CLAVE: 30737

RUTA: MEX-140D

AÑO : 2012

[illegible]

51 CARR: Nuevo Teapa - Cosoleacaque (Cuota)

CLAVE: 30007

RUTA: MEX-180D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Villahermosa	0.00	3	1	6079	89.6	105.2	130.0	16.2	86.2	95.4	119.9	12.9	82.0	92.7	112.0	12.5	18.067120	-94.324519
T. C. Coatzacoalcos - Villahermosa	0.00	3	2	6009	87.6	105.2	127.8	17.1	83.8	97.2	117.6	14.6	82.5	94.2	113.7	13.8	18.067121	-94.324518
Caseta de Cobro Puente Antonio Dovalí Jaime	6.50	2	1	7098													18.013415	-94.396799
Caseta de Cobro Puente Antonio Dovalí Jaime	6.50	2	2	7097													18.013415	-94.396799
Ent. La Tinaja - Cosoleacaque	34.00	1	1	10240	89.4	104.9	129.7	16.1	86.0	95.0	118.2	12.7	81.5	92.3	110.7	12.4	18.018355	-94.540521
Ent. La Tinaja - Cosoleacaque	34.00	1	2	10437	87.5	105.2	127.3	17.1	83.6	96.9	117.0	14.6	82.3	94.2	113.5	13.9	18.018351	-94.540522

52 C A R R : Tihuatlán - Túxpam (Incluye Puente Túxpam)

CLAVE: 30008

RUTA: MEX-130D

AÑO : 2012

[illegible]

VERACRUZ

53 C A R R : Poza Rica - Veracruz

CLAVE: 30146

ruta: MEX-180-180D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Pachuca - Túxpam	0.00	3	0	15991	51.4	58.5	71.8	9.2	50.1	56.4	64.6	9.1	48.1	54.2	64.7	9.8	20.541486	-97.473287
T. Izq. Santa Águeda	8.38	3	0	15772	50.7	57.2	69.8	9.0	49.5	55.5	64.4	9.2	46.8	54.6	65.8	10.2	20.508273	-97.415133
Reforma Escolín	14.00	1	0	9554	72.3	81.0	94.5	10.6	68.1	75.1	84.6	9.8	62.8	73.8	88.1	12.0	20.479226	-97.387573
Reforma Escolín	14.00	3	0	8216	72.3	81.1	94.5	10.6	68.3	75.5	84.9	9.9	63.7	74.5	89.2	12.1	20.477170	-97.384760
T. Izq. Libramiento de Papantla	19.80	1	0	8576	72.3	81.1	94.4	10.6	68.2	76.0	84.9	10.1	63.8	74.7	89.4	12.2	20.465708	-97.342607
T. Izq. Libramiento de Papantla	19.80	3	1	3909	73.8	82.2	95.8	10.2	68.8	77.2	84.8	10.4	68.7	79.7	93.2	12.7	20.462985	-97.340772
T. Izq. Libramiento de Papantla	19.80	3	2	3923	70.8	79.4	93.4	10.7	65.5	72.2	82.2	8.2	66.4	75.2	90.0	11.3	20.462985	-97.340772
Papantla	23.00	3	0	4577	56.8	69.2	86.5	13.0	49.9	58.4	72.2	11.0	46.0	58.9	79.3	15.0	20.449582	-97.296341
T. C. Tihuatlán - El Palmar (Cuota)	31.00	3	0	6761	48.5	55.3	103.5	11.9	44.2	51.2	68.5	9.6	50.8	53.0	54.9	6.3	20.458775	-97.233475
T. Izq. Gutiérrez Zamora	51.43	3	0	6784	51.1	59.9	74.4	10.4	47.3	52.8	64.1	8.5	43.4	50.8	66.5	9.2	20.443194	-97.090083
Puente Tecolutla	52.80	2	0	5896													20.437808	-97.086446
T. Der. Martínez de La Torre	93.01	1	0	7679	77.0	88.2	107.7	12.8	71.4	79.2	92.4	9.9	67.5	75.0	93.0	10.4	20.236249	-96.793664
Nautla	96.15	1	0	6087	69.8	80.8	100.5	12.9	63.2	70.2	82.4	8.5	59.5	68.1	83.8	10.4	20.212408	-96.781813
Nautla	96.15	3	0	6316	83.6	98.5	124.2	15.1	74.4	88.1	109.4	13.2	70.8	84.0	112.6	14.4	20.198565	-96.757474
Puente Nautla	97.00	2	0	5554													20.210122	-96.778626
Vega de Alatorre	122.45	1	0	6150	83.1	99.1	127.3	16.2	74.1	88.7	111.8	13.9	69.3	82.7	110.4	14.3	20.031502	-96.657512
T. Der. Plan de Las Hayas	158.81	1	0	5731	67.3	77.1	98.9	12.7	62.5	70.4	82.5	9.9	57.3	67.0	81.7	11.3	19.788689	-96.440105
T. Der. Zempoala	205.86	1	1	5974	101.0	118.8	139.3	17.1	89.9	101.8	124.3	14.4	89.4	101.9	128.0	14.0	19.441798	-96.377975
T. Der. Zempoala	205.86	1	2	5760	99.7	119.6	140.7	18.2	87.8	99.9	128.2	15.0	86.8	99.1	130.0	14.3	19.441797	-96.377974
T. Der. José Cardel	214.73	1	1	9560	92.0	103.1	122.1	12.5	84.0	94.1	112.1	12.4	80.9	92.7	113.3	13.3	19.392758	-96.382033
T. Der. José Cardel	214.73	1	2	9458	93.4	104.3	123.9	12.5	83.5	94.1	112.2	12.7	81.1	93.0	113.7	13.4	19.392753	-96.382036
Caseta de Cobro La Antigua	222.47	2	1	7175													19.320379	-96.310727
Caseta de Cobro La Antigua	222.47	2	2	7175													19.320379	-96.310727
Veracruz	241.00																	

54 C A R R : Banderilla - Martínez de La Torre

CLAVE: 30065

ruta: VER-065

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. San Hipólito - Jalapa	0.00	3	0	8399	39.2	44.8	59.7	9.5	40.9	49.4	72.1	10.2	39.7	50.7	70.4	12.2	19.593153	-96.953204
Naolinco	22.00	1	0	4330	64.6	73.2	90.5	10.3	55.7	62.3	74.3	7.6	56.9	66.3	84.4	11.0	19.655437	-96.884199
Misantla	68.00	1	0	4495	50.5	56.3	71.3	9.7	46.2	52.5	62.5	9.0	47.9	53.5	64.8	9.8	19.930121	-96.831152
Misantla	68.00	3	0	4784	60.5	70.4	85.1	11.3	53.0	60.8	72.2	9.3	52.2	61.2	78.6	10.9	19.945732	-96.858397
Martínez de La Torre	102.00	1	0	6053	61.1	70.0	84.4	10.6	57.3	64.7	79.2	9.6	56.5	64.2	82.2	10.0	20.058589	-97.028896

VERACRUZ

55 C A R R : Benito Juárez - Agua Dulce

CLAVE: 00202

RUTA: TAB-VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Benito Juárez	0.00	3	0	1356	61.6	70.1	135.9	13.3	67.7	93.3	143.0	22.7	63.1	71.4	139.8	16.3	18.166848	-93.919142
La Venta	18.00	1	0	1712	60.8	69.5	135.4	13.5	67.4	90.0	143.0	22.5	65.0	78.3	141.0	17.6	18.114159	-94.036331
Lim. Edos. Term. Tab. Ppia. Ver.	26.00																	

56 C A R R : Ent. La Laguna - Ent. El Callejón

CLAVE: 30705

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Paso del Toro - Acayucan	0.00	3	0	3274	82.9	95.1	114.9	13.6	80.8	94.0	113.1	14.6	75.1	91.0	110.6	15.6	18.966085	-96.070303
T. C. Mata Espino - Ignacio de La Llave	33.00	1	0	3290	59.6	67.8	83.4	10.3	57.6	64.2	78.7	8.5	55.7	60.6	78.3	7.2	18.749207	-96.138747

57 C A R R : José Cardel - Playa Chachalacas

CLAVE: 30038

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
José Cardel	0.00	3	0	8420	54.2	60.1	73.4	7.5	50.5	54.2	64.8	7.9	52.3	56.9	80.6	9.1	19.378853	-96.372753
Playa Chachalacas	8.00	1	0	2479	50.1	54.7	68.6	8.4	47.5	52.5	63.7	7.9	47.7	52.8	63.3	8.1	19.419278	-96.328639

58 C A R R : Las Trancas - Coatepec

CLAVE: 30717

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Las Trancas	0.00	3	0	15754	42.6	46.3	58.9	7.4	40.5	44.0	54.4	7.8	40.9	44.9	65.2	8.9	19.502096	-96.860803
T. Izq. Totutla	11.20	1	0	2776	48.7	64.8	91.5	17.4	43.2	56.2	76.0	15.9	40.5	53.4	72.0	16.9	19.438778	-96.897556
Coatepec	19.10	1	0	8020	35.6	40.0	52.3	5.9	32.9	38.9	52.4	7.8	33.1	38.3	55.9	8.8	19.447355	-96.933532

59 C A R R : Libramiento de Acayucan

CLAVE: 30736

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Salina Cruz (1º Acceso)	0.00																	
T. C. Coatzacoalcos - Salina Cruz (2º Acceso)	3.10	1	0	10812	68.0	77.5	95.2	11.4	66.8	74.3	89.0	9.5	65.5	74.1	93.5	10.7	17.933555	-94.916356

VERACRUZ

60 C A R R : Libramiento de Túxpam

CLAVE: 30714

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Túxpam - Tampico	0.00	3	0	4802	60.7	71.2	87.1	11.7	56.1	63.6	75.6	8.7	54.4	65.0	83.7	12.2	20.958410	-97.447576
T. C. Pachuca - Túxpam	9.00																	

61 C A R R : Mata de Espino - Ignacio de La Llave

CLAVE: 30733

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Córdoba - Ent. Boticaria	0.00	3	0	1846	59.9	71.7	97.7	13.3	59.1	71.1	94.8	12.8	60.0	74.5	107.0	15.3	18.831659	-96.320623
Piedras Negras	20.00	3	0	6048	39.3	45.2	59.7	8.8	37.6	47.3	54.8	10.3	38.0	48.4	60.9	11.3	18.769372	-96.165952
T. Izq. Tlalixcoyan	25.00	3	0	4900	38.6	43.3	53.8	7.5	36.1	43.4	53.3	8.2	36.5	45.9	54.3	9.2	18.743614	-96.137119
Ignacio de La Llave	44.00	1	0	3117	38.9	43.5	53.9	7.6	36.3	44.1	53.5	8.5	37.4	46.8	54.2	9.1	18.715657	-95.991302

62 C A R R : Mata Redonda - Joachín

CLAVE: 30095

RUTA: VER-095

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. La Tinaja - Santa Cruz	0.00	3	0	1505	49.1	58.7	73.3	11.9	46.4	52.7	64.5	9.2	48.0	53.6	66.1	10.0	18.637368	-96.416867
Joachín	20.00																	

63 C A R R : Nuevo Teapa - Agua Dulce

CLAVE: 30007

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Nuevo Teapa	0.00																	
Agua Dulce	25.00	1	0	941	45.5	52.7	63.6	10.0	45.5	52.4	63.7	9.9	44.3	52.2	63.8	10.2	18.135567	-94.169755

64 C A R R : Peñuela - Santa Rita

CLAVE: 30058

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Peñuela	0.00	3	0	8619	44.0	53.1	69.2	11.4	48.7	59.9	86.8	14.2	43.8	53.6	77.1	14.5	18.862647	-96.877761
Paso del Macho	20.00	3	0	3566	71.3	82.9	101.7	12.7	68.0	76.4	89.7	10.3	68.4	78.8	94.1	11.7	18.980208	-96.710387
Villa Tejeda	38.00	1	0	1857	60.6	73.0	93.7	12.8	53.6	64.8	82.0	11.8	51.9	63.6	83.4	12.9	19.031692	-96.618347
Soledad Doblado	65.00	1	0	3190	49.0	54.9	70.5	9.1	45.8	53.3	64.3	8.9	44.9	53.4	68.6	9.7	19.035713	-96.431728
Soledad Doblado	65.00	3	0	5404	59.8	68.2	84.9	10.4	56.8	65.7	81.5	10.1	55.4	64.6	83.9	10.9	19.048182	-96.406295

VERACRUZ

64 C A R R : Peñuela - Santa Rita

CLAVE: 30058

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jalapa - Veracruz	71.00	1	0	8271	43.7	52.1	63.4	10.8	42.4	50.9	62.4	10.4	46.6	52.8	56.9	10.6	19.179754	-96.261546

65 C A R R : Poza Rica - Cazones

CLAVE: 30075

RUTA: VER-075

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Poza Rica	0.00	3	0	4698	68.9	79.5	93.3	12.3	69.2	74.8	137.2	12.1	64.7	74.0	99.7	12.4	20.586888	-97.425076
Cazones	24.00																	
T. C. Tihuatlán - El Palmar (Cuota)	24.20	3	0	4232	59.5	66.1	79.4	9.3	54.0	54.6	64.8	4.5	53.0	61.9	74.7	10.5	20.631043	-97.385388

66 C A R R : Pueblo Viejo - T. C. (Cd. Valles - Tampico)

CLAVE: 30017

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Pueblo Viejo	0.00	3	0	3337	63.4	74.8	92.8	12.7	62.0	70.8	84.4	10.0	61.6	70.2	83.7	10.2	22.206835	-97.869946
T. C. Cd. Valles - Tampico	11.00	1	0	3826	56.9	64.1	80.5	9.4	53.9	63.3	76.5	9.7	49.6	56.3	73.1	9.7	22.211885	-97.946341

67 C A R R : Puerto Rico - Totutla

CLAVE: 30067

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Las Trancas - Coatepec	0.00	3	0	3018	62.3	73.7	87.6	13.4	56.6	64.9	75.0	10.9	56.8	67.2	82.9	12.1	19.436833	-96.898028
Tuzamapan	4.20	3	0	4624	60.2	68.0	78.4	9.6	53.6	59.4	71.0	7.7	54.0	59.0	72.0	7.1	19.398651	-96.869825
Totutla	57.40	1	0	3461	54.0	61.1	93.1	10.4	52.2	54.1	63.4	6.0	48.9	53.7	67.0	8.9	19.216444	-96.973490
T. C. Fortín - Conejos	58.00																	

68 C A R R : Ramal a Actopan

CLAVE: 30739

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jalapa - Veracruz	0.00	3	0	2439	76.2	85.9	102.2	11.5	69.0	79.8	94.1	12.1	71.1	83.0	101.2	13.5	19.397279	-96.617290
Actopan	19.00	1	0	3014	59.5	69.0	83.3	11.0	59.4	67.2	80.5	9.4	58.1	68.1	84.2	11.3	19.509000	-96.609195

VERACRUZ

69 C A R R : Ramal a Agua Dulce

CLAVE: 30739

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Villahermosa	0.00	3	0	5772	82.4	92.7	111.3	11.7	77.6	84.0	99.0	9.4	77.5	86.1	104.4	10.9	18.060527	-94.138921
Tonalá	21.00																	

70 C A R R : Ramal a Chontla

CLAVE: 30728

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tuxpam - Tampico	0.00	3	0	4793	67.8	80.1	99.6	13.0	61.9	72.4	89.1	11.7	62.6	76.2	100.3	14.6	21.362094	-97.707758
Chontla	32.00																	

71 C A R R : Ramal a Estación Ochoa

CLAVE: 30712

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Cd. Valles - Tampico	0.00	3	0	1352	54.3	67.4	86.6	13.2	55.5	72.6	84.7	12.5	50.2	53.9	72.1	9.4	22.220304	-98.004508
Estación Ochoa	9.00																	

72 C A R R : Ramal a Jamapa

CLAVE: 30744

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jalapa - Veracruz	0.00	3	1	13046	57.3	63.0	81.8	9.0	53.7	60.4	73.7	9.1	54.4	62.2	74.7	9.2	19.135301	-96.142455
T. C. Jalapa - Veracruz	0.00	3	2	13576	58.1	63.7	82.2	9.4	54.7	59.9	70.3	6.7	53.4	61.0	73.9	9.3	19.135304	-96.142446
Medellín	10.00	1	0	6234	51.4	59.2	78.4	11.3	52.3	61.0	73.8	10.8	50.3	57.6	73.4	11.8	19.066167	-96.159811
Jamapa	20.00	1	0	2956	48.8	58.8	73.5	11.6	53.6	59.6	70.5	7.8	46.9	54.6	67.5	12.2	19.041227	-96.235189

73 C A R R : Ramal a Jesús Carranza

CLAVE: 30720

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Salina Cruz	0.00	3	0	2255	67.0	75.8	91.9	11.0	60.5	67.8	78.9	8.1	64.0	74.1	99.6	12.5	17.436960	-95.074302
Jesús Carranza	6.00																	

VERACRUZ

74 C A R R : Ramal a Suchilapan

CLAVE: 30721

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Salina Cruz	0.00	3	0	1135	49.4	54.9	66.5	8.6	48.2	52.6	60.2	7.8	46.5	53.3	66.9	9.4	17.365318	-95.047123
Suchilapan	8.00																	

75 C A R R : Ramal a Zempoala

CLAVE: 30192

RUTA: VER-192

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Poza Rica - Veracruz	0.00	3	0	5179	50.6	55.1	69.7	8.3	47.4	52.6	64.1	8.2	47.6	53.1	67.9	8.9	19.435643	-96.385437
Zempoala	4.00																	

76 C A R R : San Alejo - Huayacocotla

CLAVE: 00132

RUTA: HGO-051-VER-113

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Pachuca - Tuxpam	0.00	3	0	4864	34.5	38.1	46.0	5.3	33.2	34.8	51.7	6.4	37.3	49.3	54.3	10.5	20.154198	-98.286325
Metepec	11.80	3	0	3682	34.5	37.9	45.4	5.2	33.3	34.7	51.8	6.2	35.0	44.4	53.7	7.6	20.243561	-98.331213
Agua Blanca	29.48	3	0	2768	34.5	37.9	45.4	5.2	33.2	34.6	51.4	6.1	35.0	44.7	53.7	7.9	20.353691	-98.360943
Lim. Edos. Term. Hgo. Ppia. Ver.	36.48																	
Huayacocotla	66.00	1	0	1774	55.0	61.6	72.4	7.8	48.1	54.6	68.2	9.5	46.1	53.4	67.2	10.0	20.528466	-98.493963

77 C A R R : San Sebastián - Chicontepec

CLAVE: 30083

RUTA: VER-083

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
San Sebastián	0.00	3	0	1823	29.9	33.6	44.3	7.2	29.3	32.4	53.0	7.3	26.3	30.2	48.2	6.4	21.211306	-98.134192
Chicontepec de Tejeda	36.24	1	0	2477	51.0	54.1	65.9	8.0	45.7	55.6	63.7	9.9	46.2	52.2	64.6	9.5	20.967498	-98.163491
T. C. Álamo - Huejutla de Reyes	48.00																	

78 C A R R : Santiago Tuxtla - Playa Vicente

CLAVE: 30025

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Santiago Tuxtla	0.00	3	0	6440	46.7	53.0	63.8	8.7	40.2	47.5	54.0	8.6	42.2	49.5	63.4	9.6	18.450532	-95.315284
X. C. Cd. Alemán - Sayula de Alemán	55.00	1	0	4627	44.4	52.0	64.8	9.2	41.4	48.9	59.1	9.1	39.8	50.4	58.5	11.5	18.070038	-95.531437
Isla	59.80	1	1	4327	43.2	49.8	63.3	8.8	39.4	44.9	55.2	8.5	36.1	45.0	56.5	9.9	18.045599	-95.530808

VERACRUZ

78 C A R R : Santiago Tuxtla - Playa Vicente

CLAVE: 30025

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Isla	59.80	1	2	4178	46.1	53.9	68.3	10.1	42.4	50.6	63.8	9.7	38.6	49.7	64.0	11.7	18.045599	-95.530807
Playa Vicente	106.00	1	0	2785	44.5	52.0	64.2	8.9	42.3	49.5	57.0	8.7	39.7	50.2	60.5	11.1	17.836848	-95.797486

79 C A R R : Sierra de Agua - Magueyitos

CLAVE: 30716

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. San Hipólito - Jalapa	0.00	3	0	3952	64.5	73.0	84.6	9.8	55.7	62.2	73.9	8.0	56.1	64.0	80.9	9.3	19.618103	-97.190382
T. C. Teziutlán - Perote	9.00	1	0	2844	84.1	103.7	142.2	19.9	90.1	138.4	144.1	32.5	83.3	129.7	143.5	28.4	19.659475	-97.240816

80 C A R R : T. C. (Coatzacoalcos - Villahermosa) - Las Choapas

CLAVE: 30749

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Coatzacoalcos - Villahermosa	0.00	3	0	4064	60.3	67.6	84.2	9.8	56.0	61.9	76.4	7.6	53.5	61.6	79.3	9.8	18.050618	-94.125393
Las Choapas	44.00																	

81 C A R R : Tantoyuca - Platón Sánchez

CLAVE: 30193

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tantoyuca	0.00	3	0	2364	49.3	55.4	71.2	9.2	47.1	51.9	61.1	7.1	46.0	52.0	61.9	8.6	21.334569	-98.239830
T. C. Pachuca - Tempoal	17.20																	

82 C A R R : Túxpam - Barra de Túxpam

CLAVE: 30743

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Túxpam	0.00	3	1	5618	58.9	70.1	139.6	16.8	63.6	71.0	142.2	17.9	57.7	68.0	137.7	15.3	20.952537	-97.350394
Túxpam	0.00	3	2	5596	53.1	64.7	84.2	13.5	51.3	59.7	72.2	10.3	50.2	60.1	76.1	12.1	20.952639	-97.350528
Barra de Túxpam	11.00																	

VERACRUZ

83 C A R R : Xalapa - Coatepec

CLAVE: 30718

RUTA: VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Xalapa	0.00	3	1	16696	94.7	101.9	114.7	8.5	92.7	100.5	114.2	9.6	89.7	99.7	114.2	12.0	19.499909	-96.935553
Xalapa	0.00	3	2	17919	77.7	85.0	101.6	10.0	73.9	82.3	96.7	10.0	72.0	81.2	94.4	10.7	19.499900	-96.935554
Coatepec	9.50	1	1	17676	77.4	83.1	95.2	8.3	74.9	81.0	94.0	7.2	72.4	79.2	92.1	9.1	19.463141	-96.948163
Coatepec	9.50	1	2	17523	67.3	74.2	90.2	9.4	66.1	73.0	87.6	9.0	63.5	71.0	83.7	9.1	19.463142	-96.948162

84 C A R R : Paso del Toro - Laguna de San Julián

CLAVE: 30745

RUTA: MEX-VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Paso del Toro	0.00	3	1	4831	83.0	93.8	110.1	12.3	75.8	86.6	100.6	11.7	74.2	84.6	102.0	11.9	18.103148	-94.397388
Paso del Toro	0.00	3	2	4813	86.1	100.6	119.9	14.4	77.7	90.5	107.3	13.0	75.6	88.8	109.6	13.1	19.027698	-96.141029
X. C. Jalapa - Veracruz	24.80	1	1	4425	92.0	112.8	134.1	19.8	79.0	91.7	115.4	14.4	78.6	90.0	111.0	13.0	19.175494	-96.269107
X. C. Jalapa - Veracruz	24.80	1	2	4276	90.7	105.0	123.9	15.3	75.9	85.9	104.7	11.7	68.5	81.5	104.3	13.9	19.175497	-96.269107
X. C. Jalapa - Veracruz	24.80	3	1	6451	93.7	106.5	123.3	13.6	81.3	92.5	110.3	12.7	76.4	87.6	106.9	12.4	19.215441	-96.257906
X. C. Jalapa - Veracruz	24.80	3	2	6376	85.8	99.5	114.9	13.8	71.8	82.3	93.6	12.2	68.2	79.7	92.6	12.8	19.215441	-96.257906
X. C. Poza Rica - Veracruz	32.50	1	1	6813	100.8	118.5	139.1	17.0	88.9	102.3	130.3	14.8	82.6	94.6	121.2	14.0	19.233058	-96.257944
X. C. Poza Rica - Veracruz	32.50	1	2	6033	88.6	101.4	118.1	13.5	75.4	84.8	105.8	11.9	67.5	78.7	101.1	12.6	19.233058	-96.257944
X. C. Poza Rica - Veracruz	32.50	3	0	1281	43.2	51.8	63.1	10.8	43.4	51.0	54.7	9.5	46.7	52.8	54.8	10.8	19.245089	-96.257885
Laguna de San Julián	34.00																	

85 C A R R : Poza Rica - María de La Torre

CLAVE: 30234

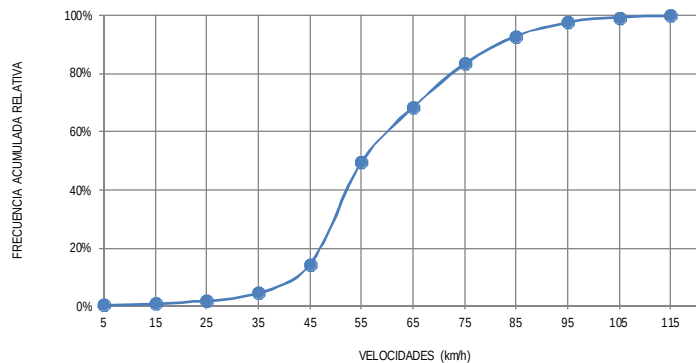
RUTA: MEX-127-VER

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Poza Rica	0.00	3	1	14702	56.9	63.5	98.2	10.7	51.8	58.1	74.1	9.3	47.2	53.6	68.4	9.3	20.521376	-97.467067
Poza Rica	0.00	3	2	14718	47.7	54.0	103.9	11.7	41.5	48.9	67.3	10.9	37.0	46.8	56.3	11.5	20.521431	-97.467150
Coatzintla	5.00	1	1	9546	35.8	40.0	88.8	9.0	34.2	39.6	53.7	8.0	35.8	45.5	80.7	10.9	20.503585	-97.468762
Coatzintla	5.00	1	2	8354	33.8	35.3	90.9	9.3	32.6	38.7	54.7	10.0	34.1	45.3	88.1	11.7	20.503585	-97.468762
T. Izq. Papantla	19.80	1	0	5947	54.1	62.3	78.2	9.7	54.7	63.0	74.9	9.3	53.3	61.7	75.8	10.0	20.429424	-97.368363
T. Izq. Papantla	19.80	3	0	4507	61.3	70.7	84.5	10.9	58.7	67.0	80.0	9.9	57.1	65.9	81.5	10.7	20.429111	-97.365278
San Andrés	41.80	1	0	2502	27.6	31.8	46.0	6.8	24.7	27.2	51.9	6.4	24.7	30.7	53.3	8.8	20.371790	-97.179602
San Andrés	41.80	3	0	2059	26.4	30.2	45.9	5.9	23.5	27.9	51.8	8.0	23.7	28.9	52.5	8.9	20.370750	-97.176815
María de La Torre	81.00	1	0	4218	58.9	70.2	92.4	13.1	55.5	54.9	70.1	4.4	54.0	63.7	83.3	11.1	20.133088	-96.997202

1 Carr: Álamo - Huejutla de Reyes

CLAVE: 00116

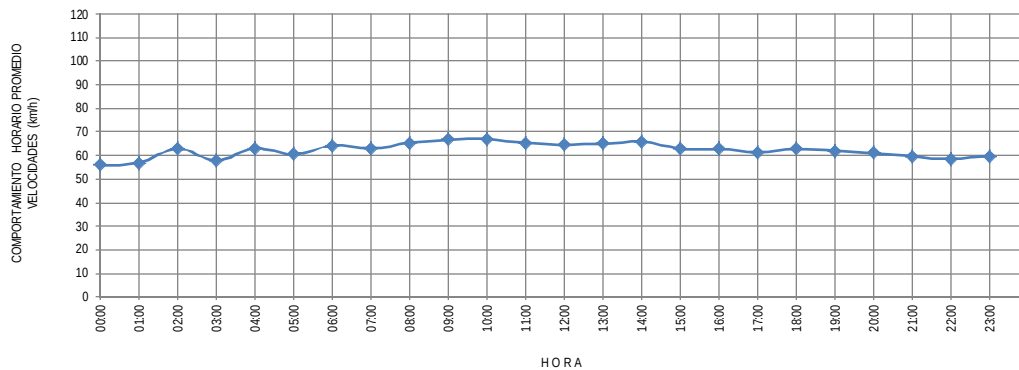


RUTA: MEX-127

KM: 0.000

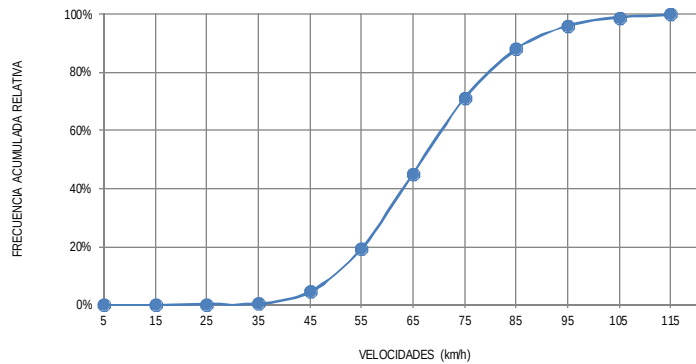
TE: 3

SC: 0



2 Carr: Alazán - Canoas

CLAVE: 30141

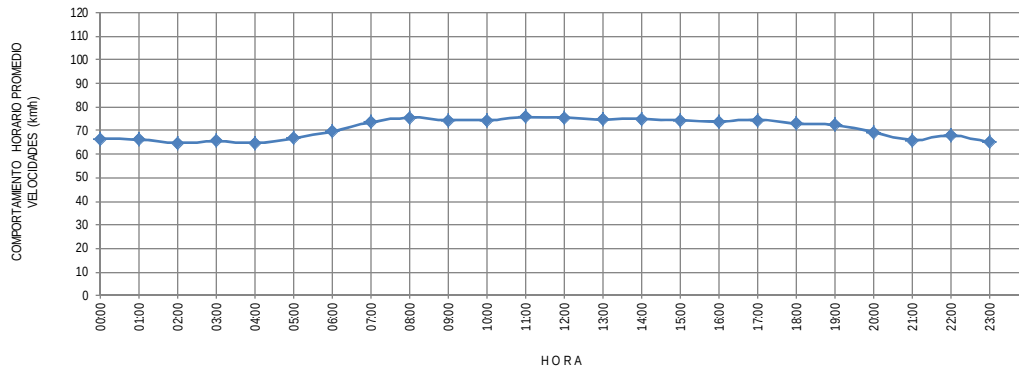


RUTA: MEX-127

KM: 0.000

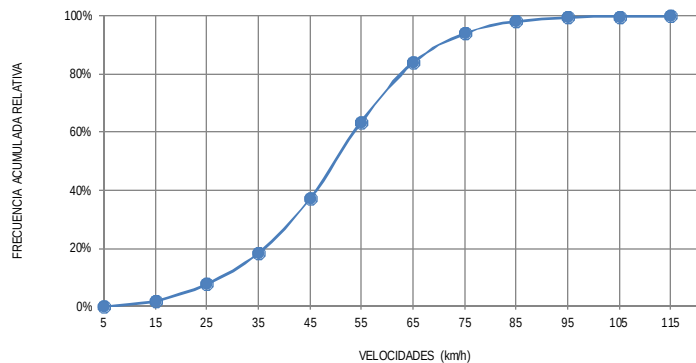
TE: 3

SC: 0



3 Carr: Altotonga - Tlapacoyan

CLAVE: 30741

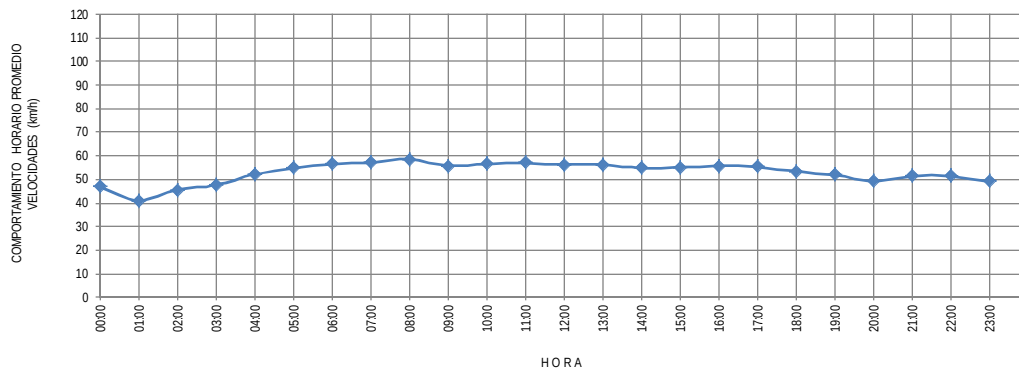


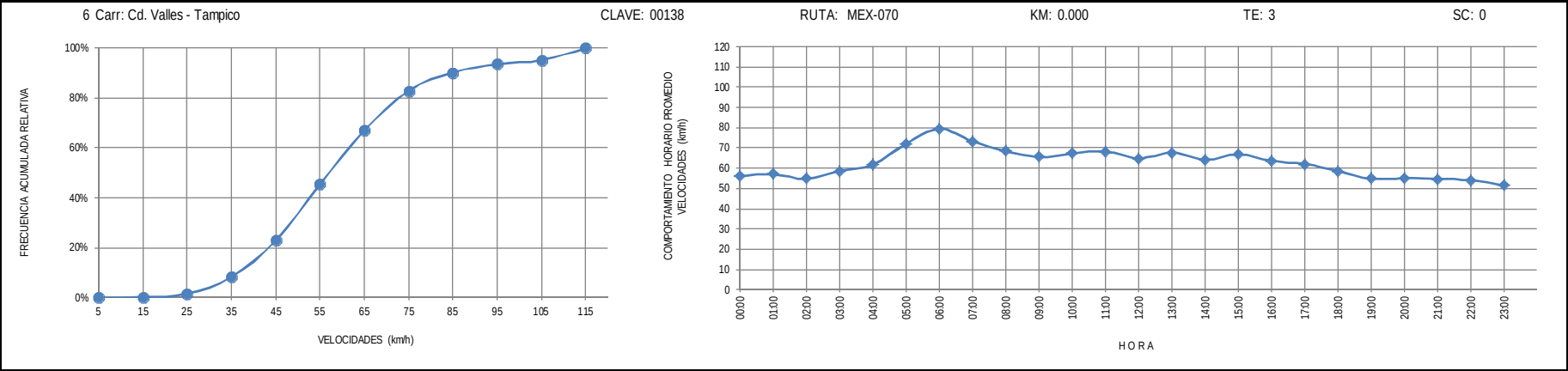
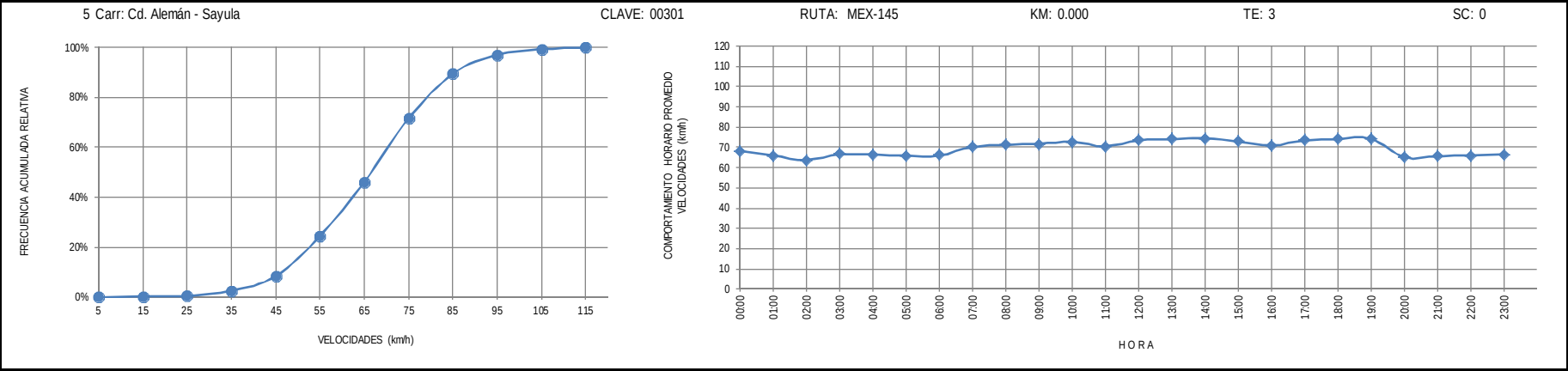
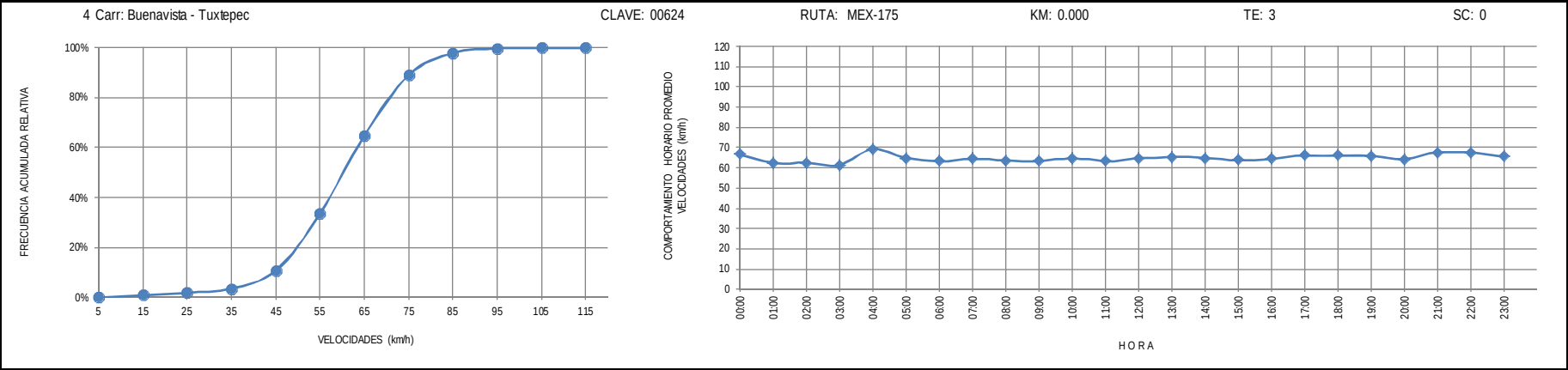
RUTA: MEX-131

KM: 3.000

TE: 1

SC: 0





7 Carr: Coatzacoalcos - Salina Cruz

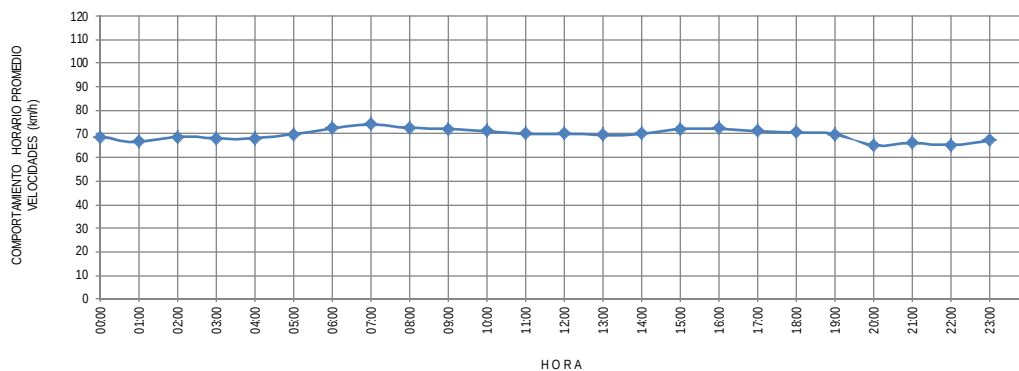
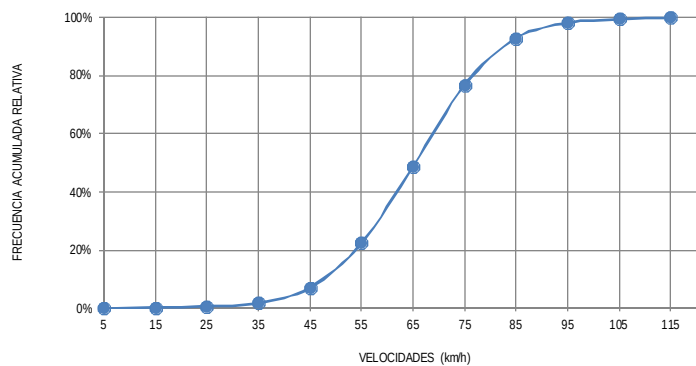
CLAVE: 00147

ruta: MEX-185

KM: 0.000

TE: 3

SC: 1



8 Carr: Coatzacoalcos - Villahermosa

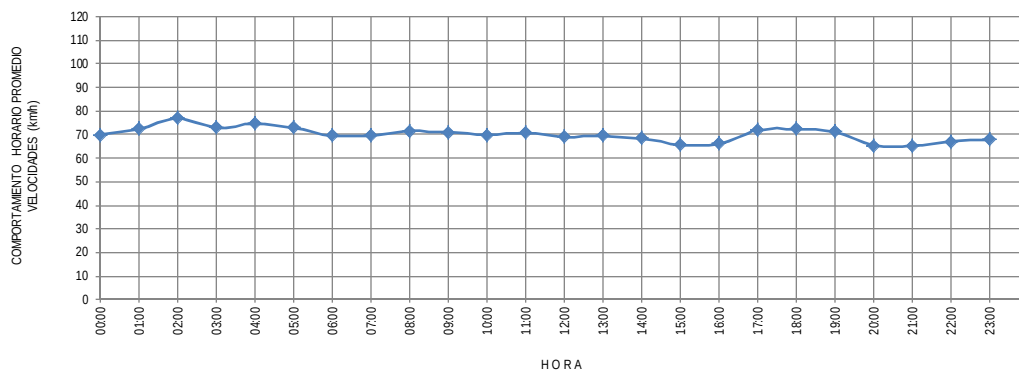
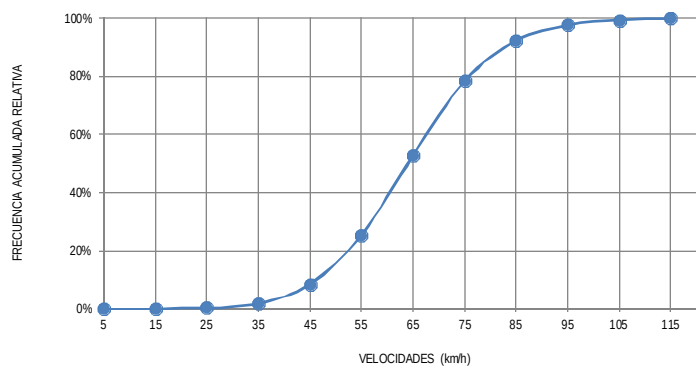
CLAVE: 00528

ruta: MEX-180

KM: 3.000

TE: 1

SC: 0



9 Carr: Córdoba - Ent Boicaría

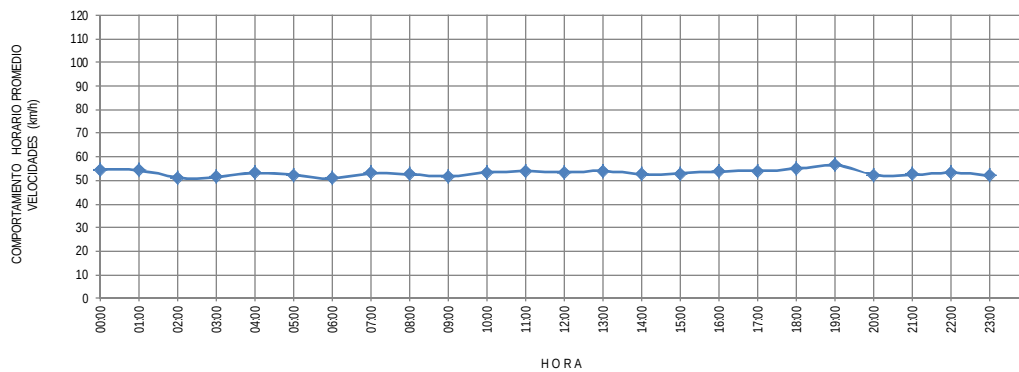
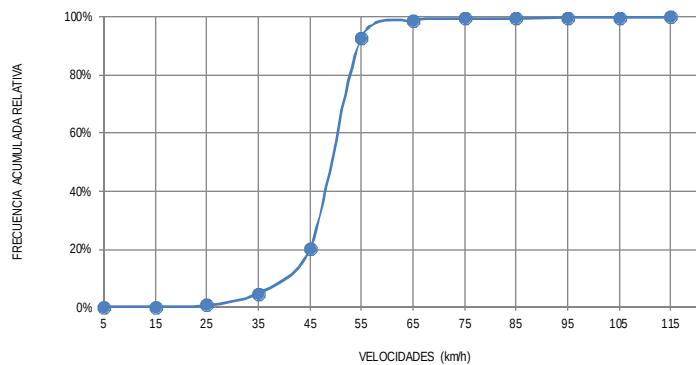
CLAVE: 30525

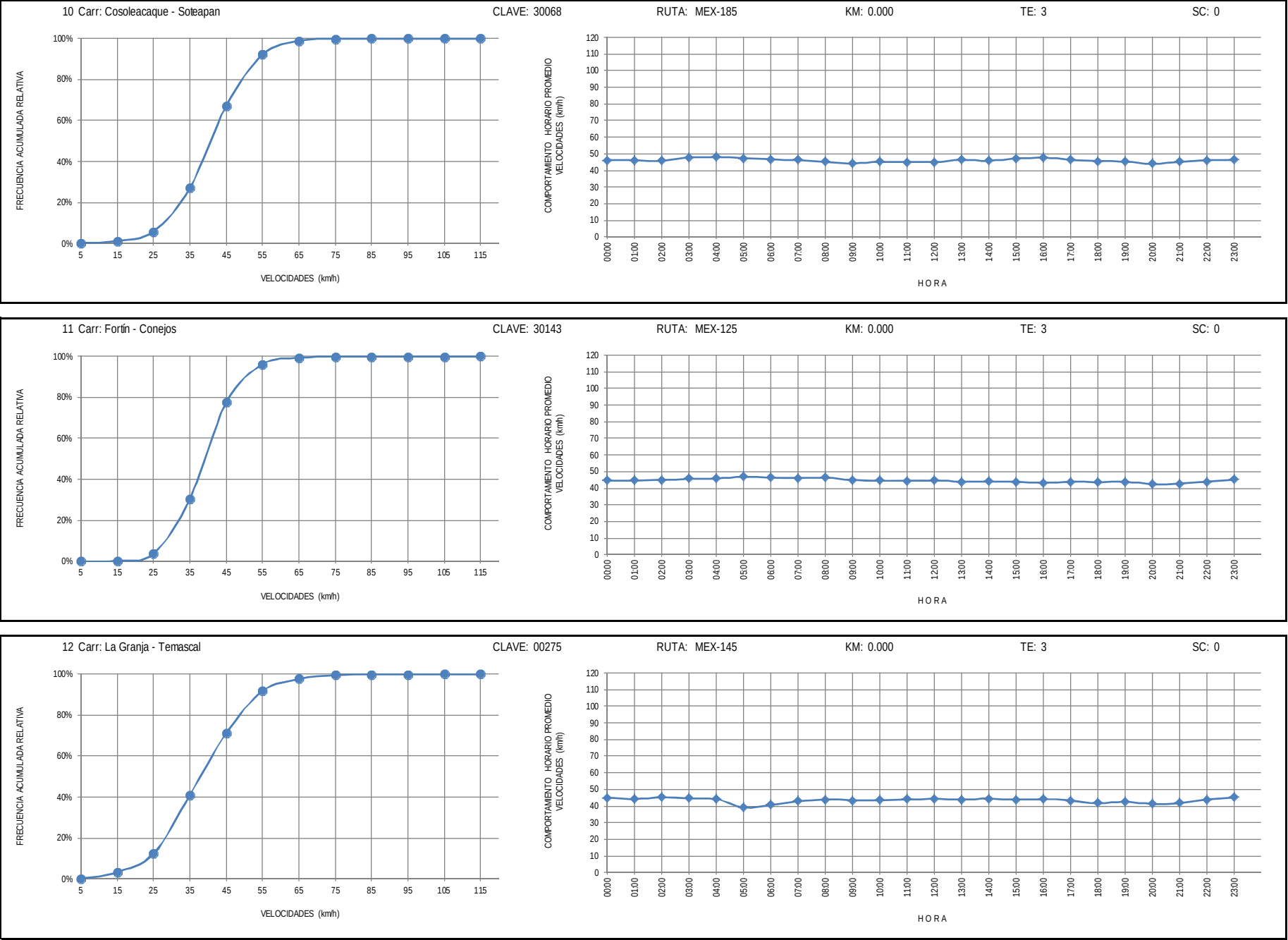
ruta: MEX-150

KM: 0.000

TE: 3

SC: 1





12 Carr: La Granja - Temascal

CLAVE: 00275

VELOCIDADES (km/h)	FRECUENCIA ACUMULADA RELATIVA (%)
5	0
15	5
25	12
35	41
45	71
55	91
65	98
75	100
85	100
95	100
105	100
115	100

RUTA: MEX-145

KM: 0.000

TE: 3

SC: 0

HORA	COMPORTAMIENTO HORARIO PROMEDIO VELOCIDADES (km/h)
0000	45
0100	44
0200	45
0300	45
0400	45
0500	39
0600	41
0700	43
0800	44
0900	43
1000	44
1100	45
1200	44
1300	44
1400	44
1500	44
1600	44
1700	43
1800	42
1900	43
2000	42
2100	42
2200	43
2300	45

13 Carr: La Tinaja - Santa Cruz

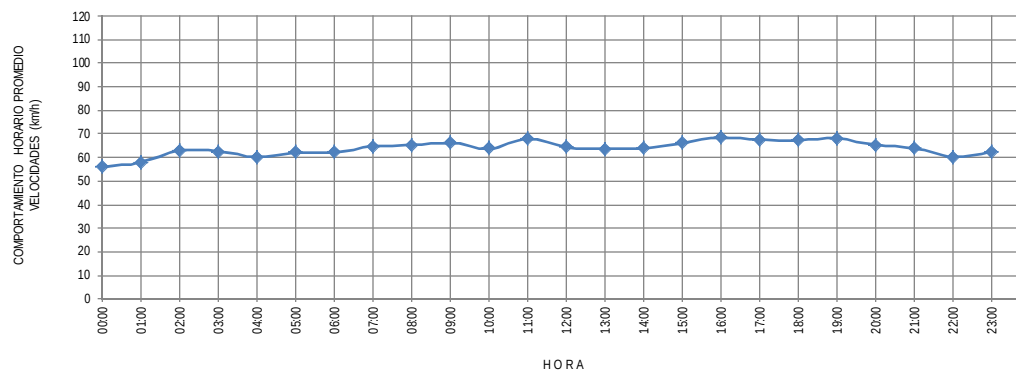
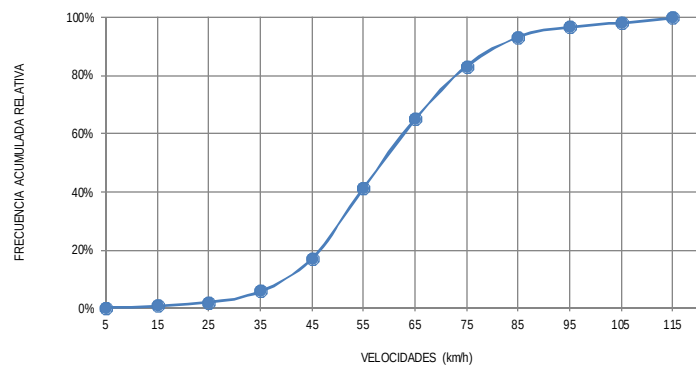
CLAVE: 30153

ruta: MEX-145

KM: 0.000

TE: 3

SC: 0



14 Carr: Libramiento de Cuitláhuac

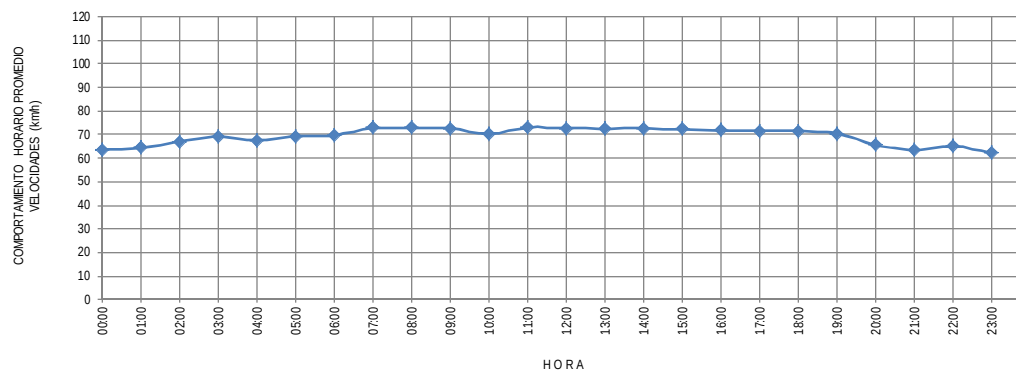
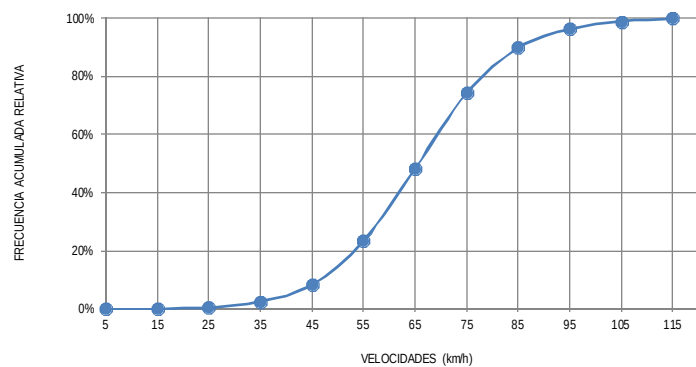
CLAVE: 30738

ruta: MEX-150

KM: 0.000

TE: 3

SC: 0



15 Carr: Libramiento de Papania

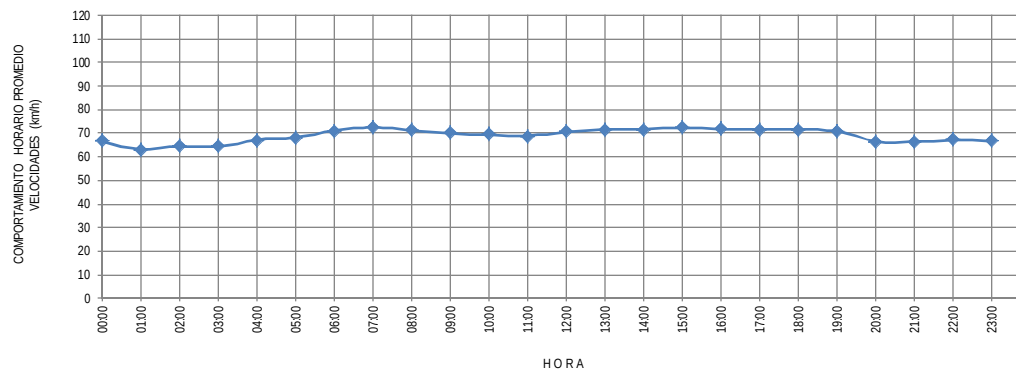
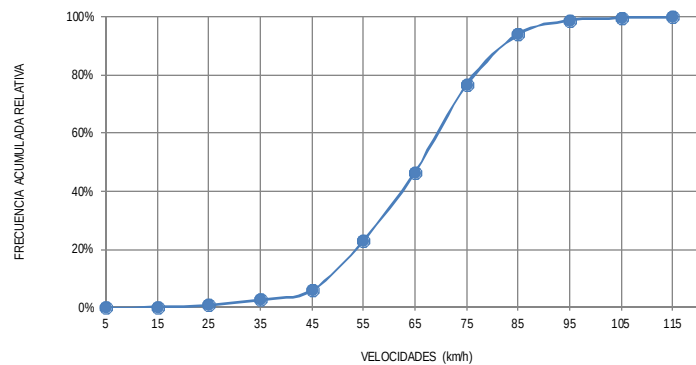
CLAVE:

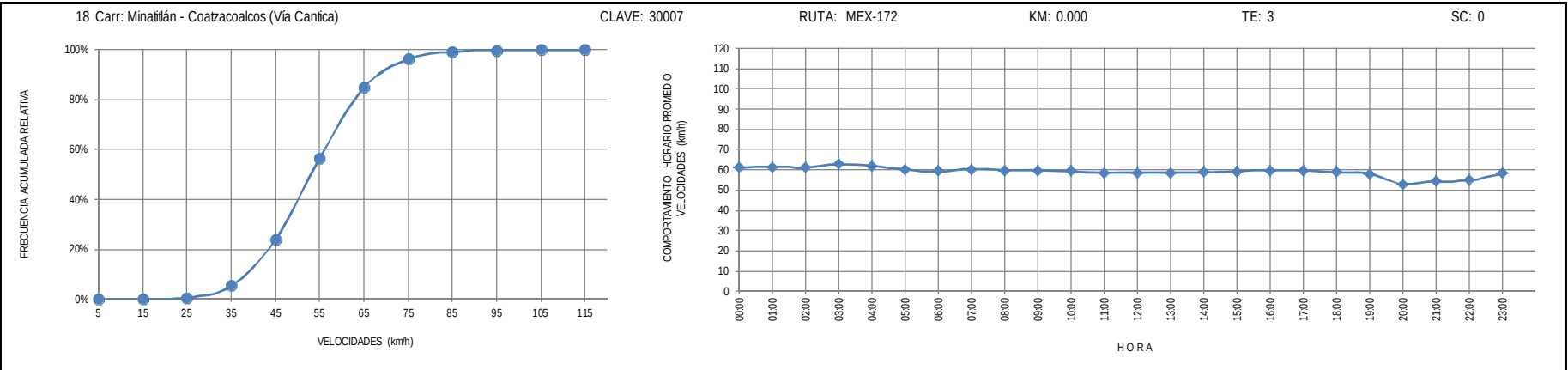
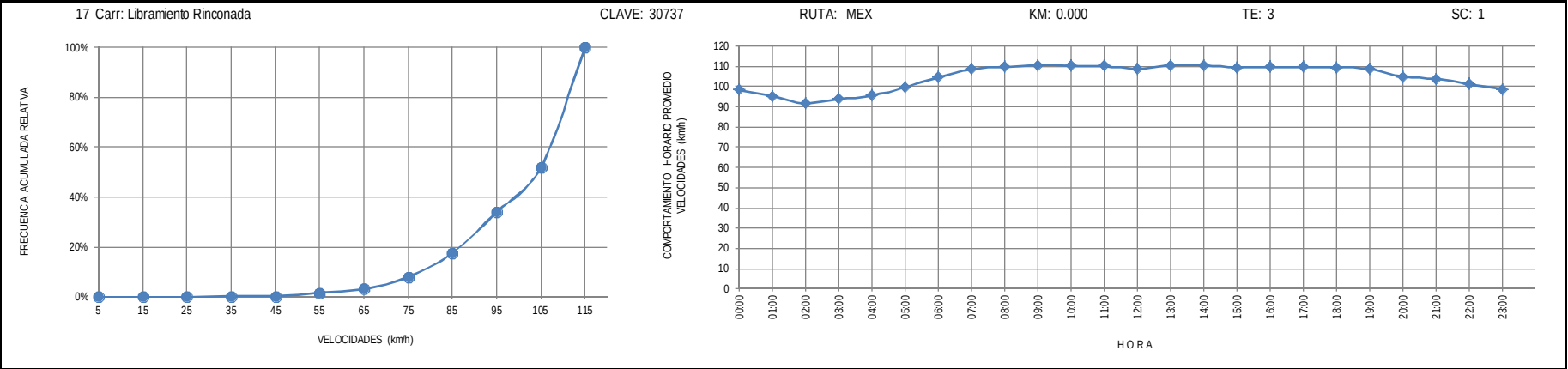
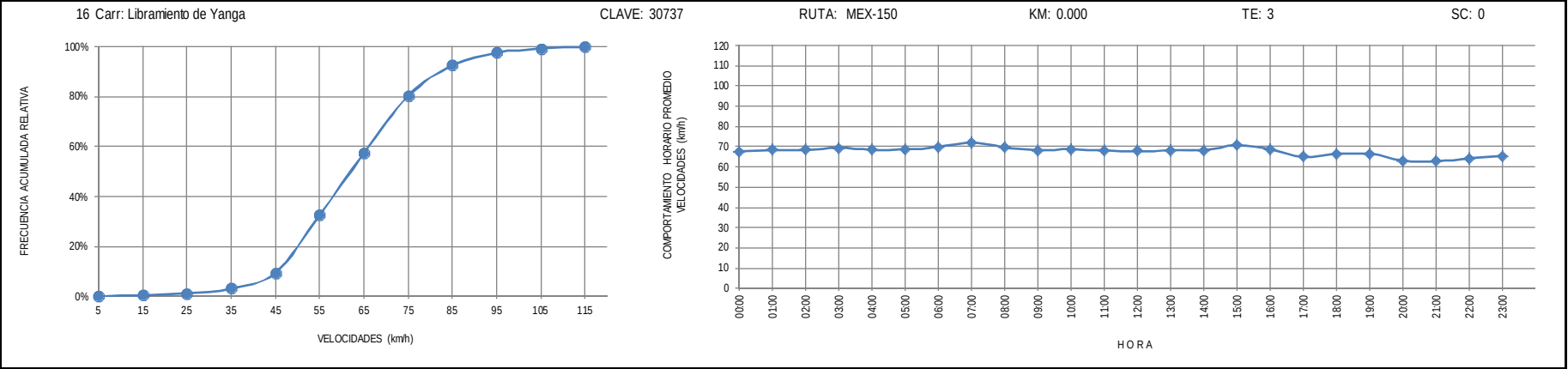
ruta: MEX-180

KM: 0.000

TE: 3

SC: 0





19 Carr: Orizaba - Zongolica

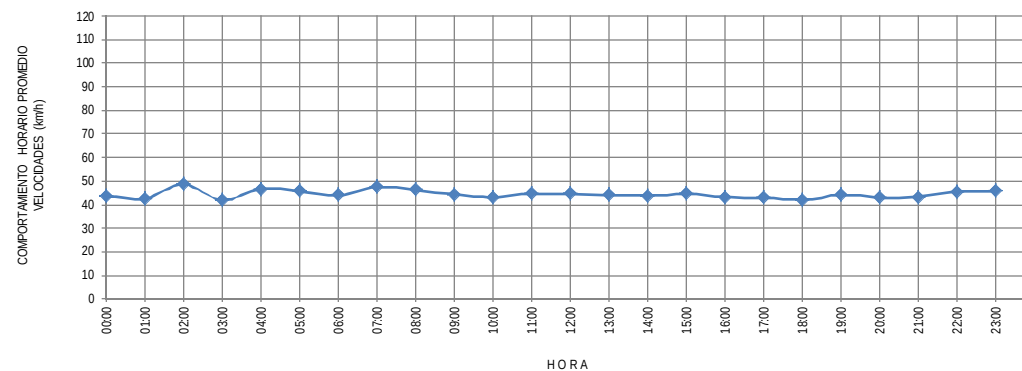
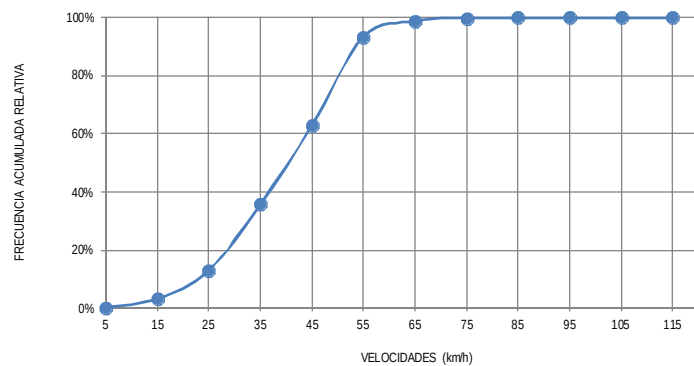
CLAVE: 30708

ruta: MEX-150

KM: 0.000

TE: 3

SC: 0



20 Carr: Pachuca - Tempoal

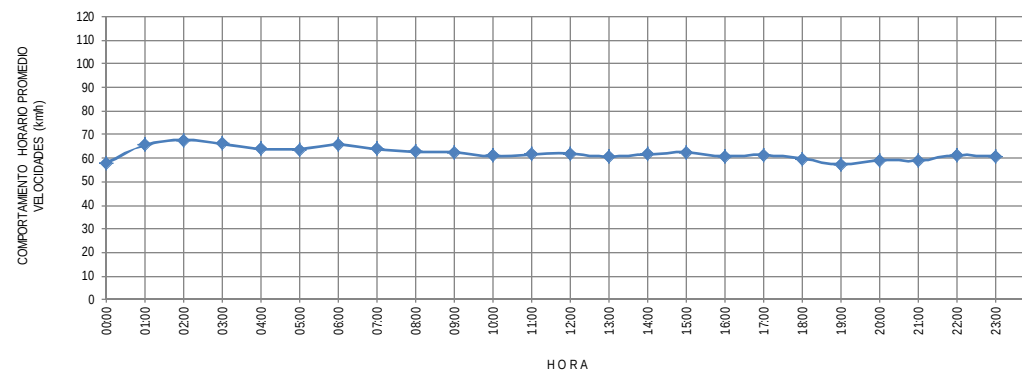
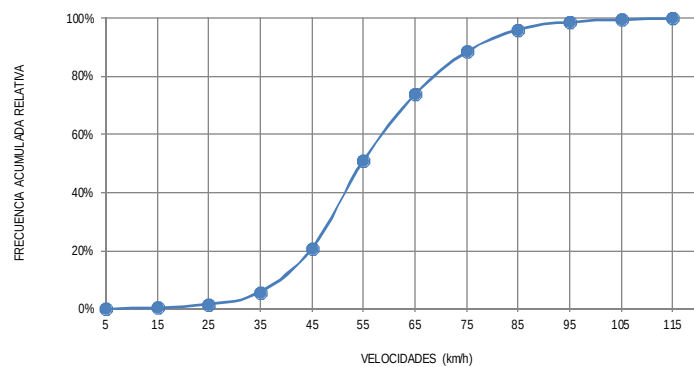
CLAVE: 00113

ruta: MEX-105

KM: 0.000

TE: 3

SC: 0



21 Carr: Pachuca - Tuxpam

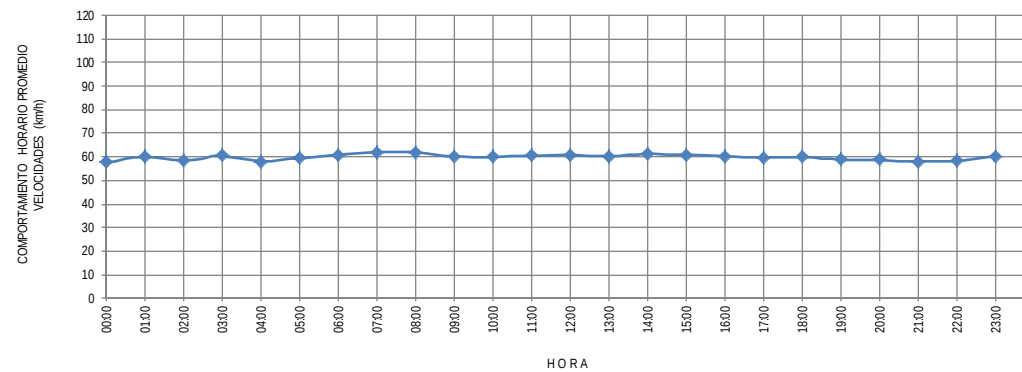
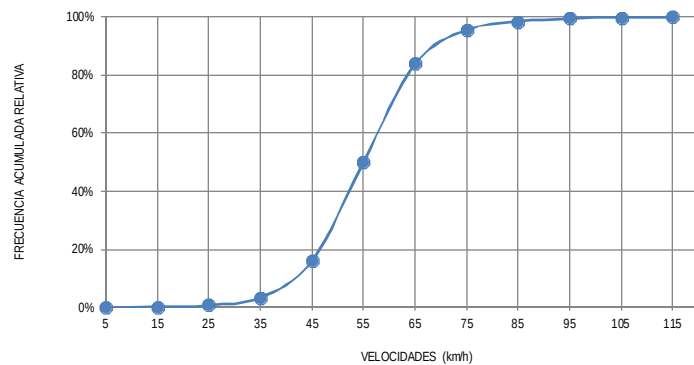
CLAVE: 00608

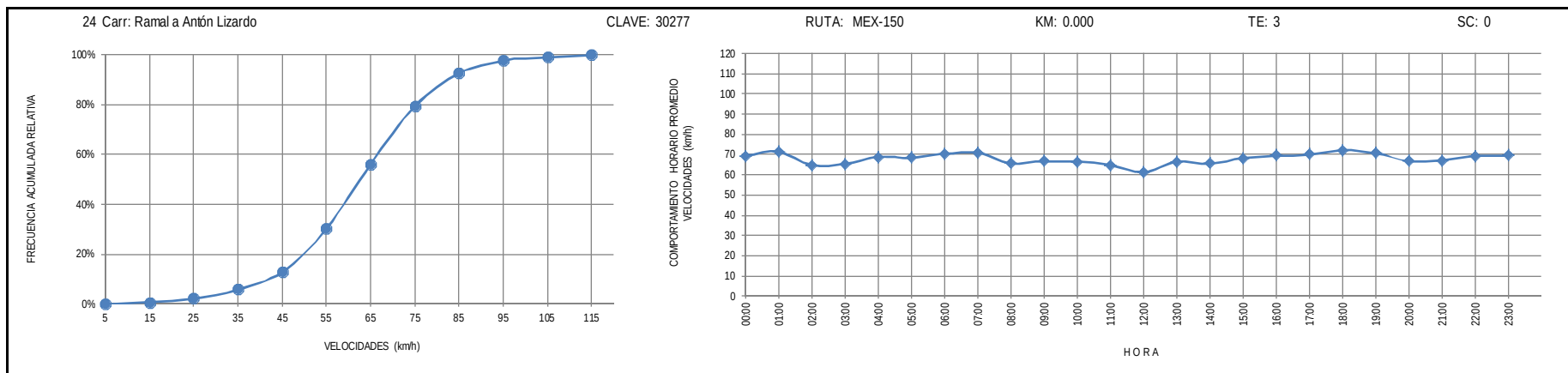
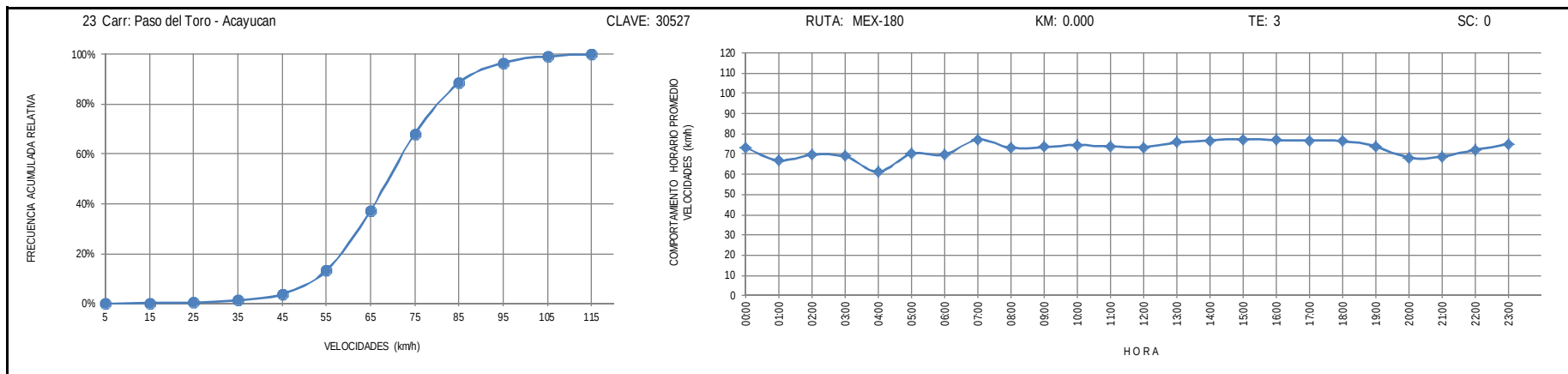
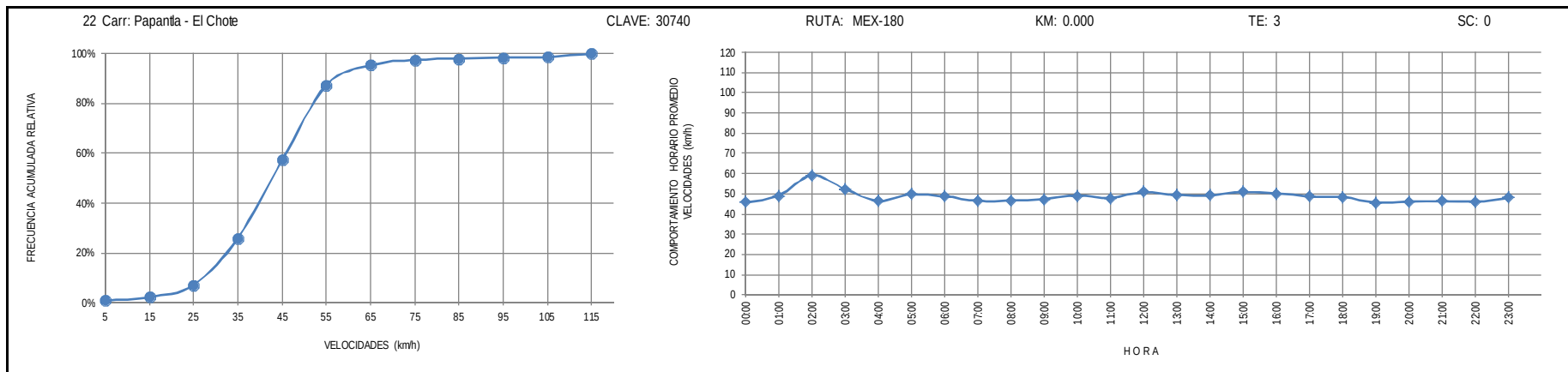
ruta: MEX-130

KM: 2.600

TE: 3

SC: 1





25 Carr: Ramal a El Higo

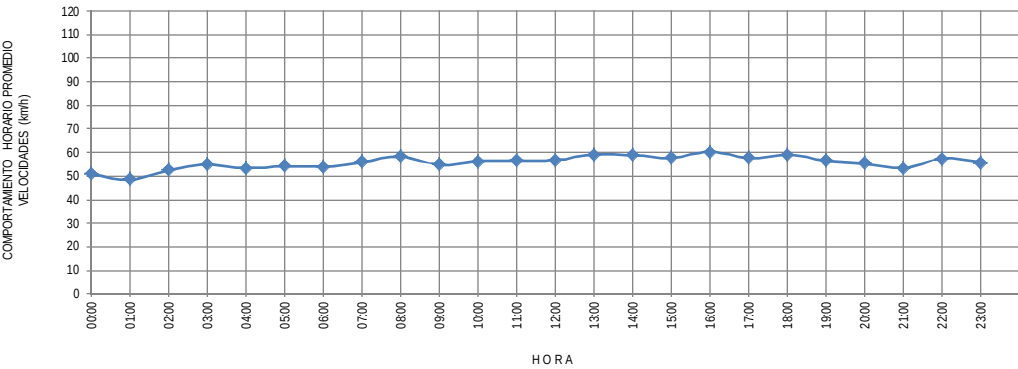
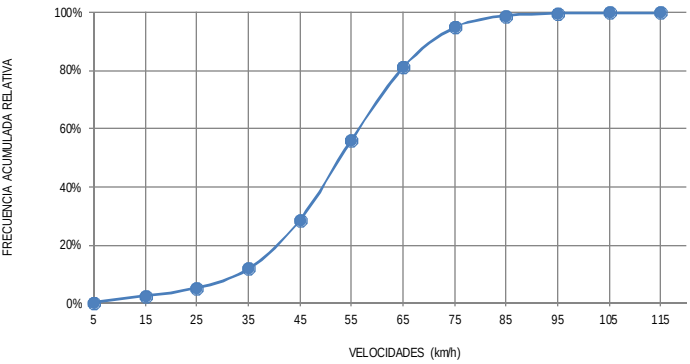
CLAVE: 30013

ruta: MEX

KM: 0.000

TE: 3

SC: 0



26 Carr: Ramal a Hueyapan de Ocampo

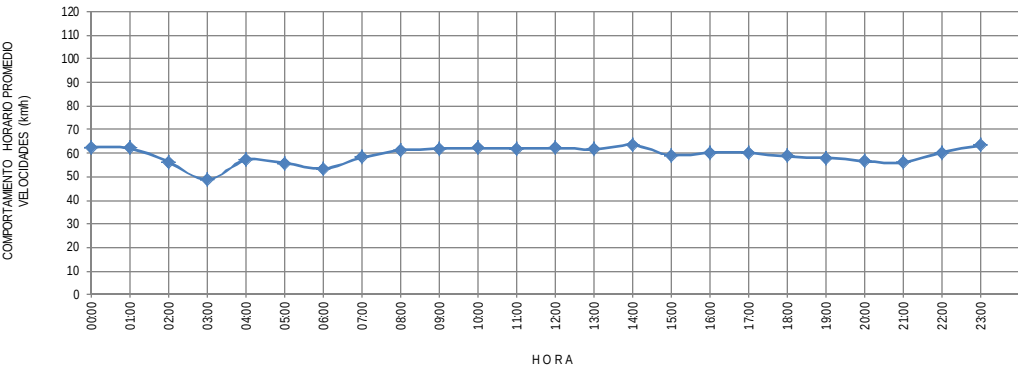
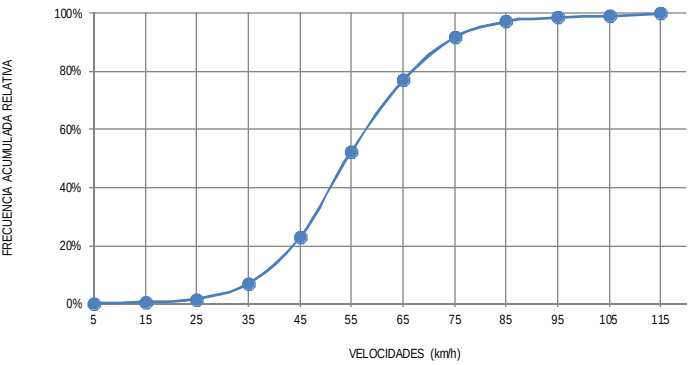
CLAVE: 30712

ruta: MEX-180

KM: 0.000

TE: 3

SC: 0



27 Carr: Ramal a Puente Tampico

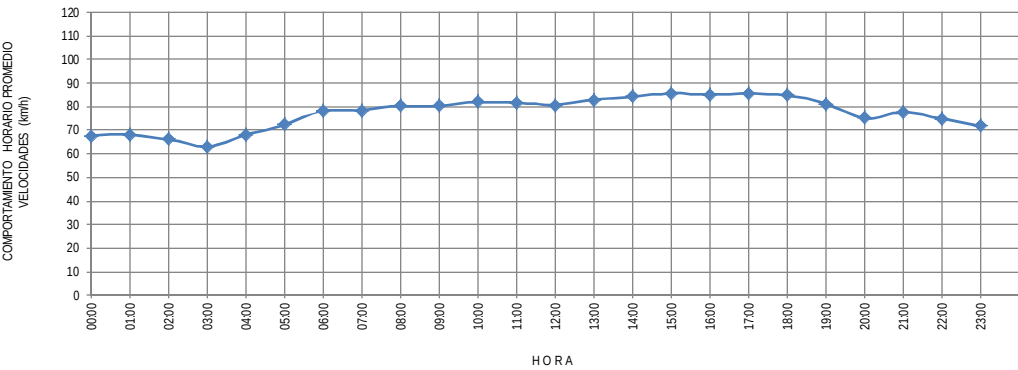
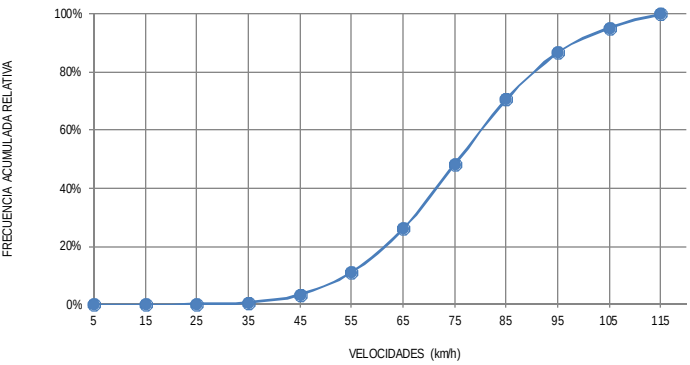
CLAVE: 28020

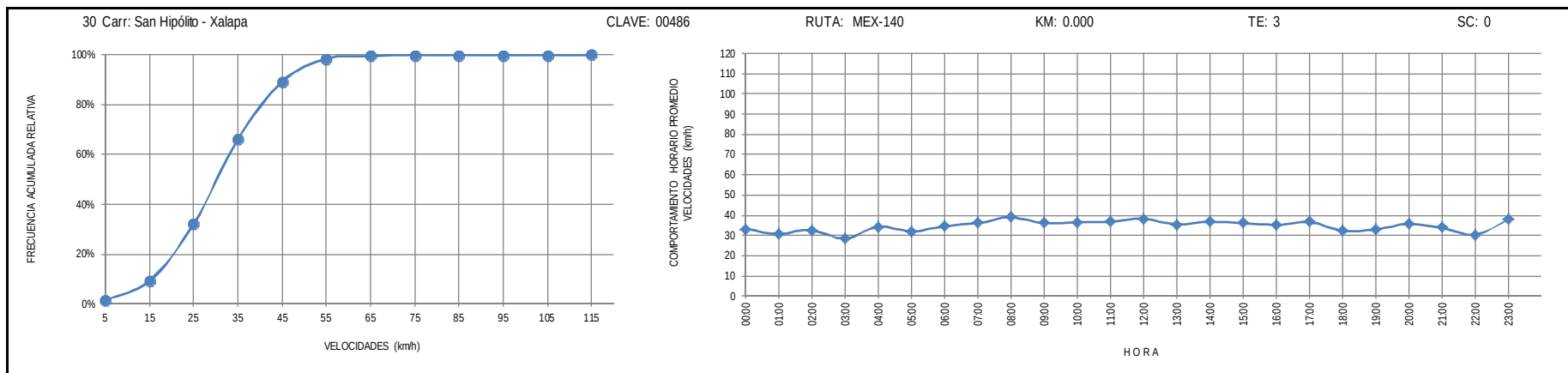
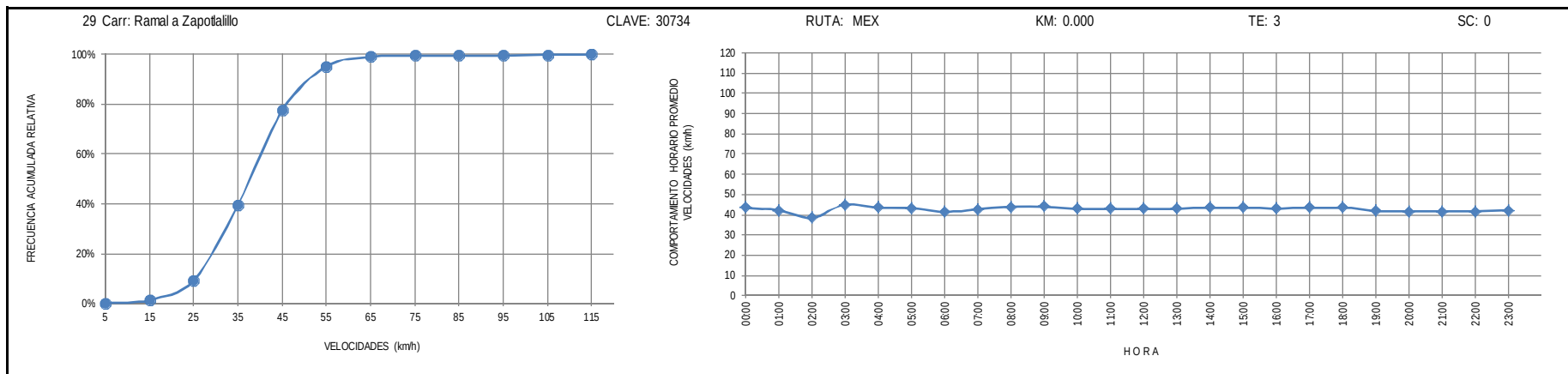
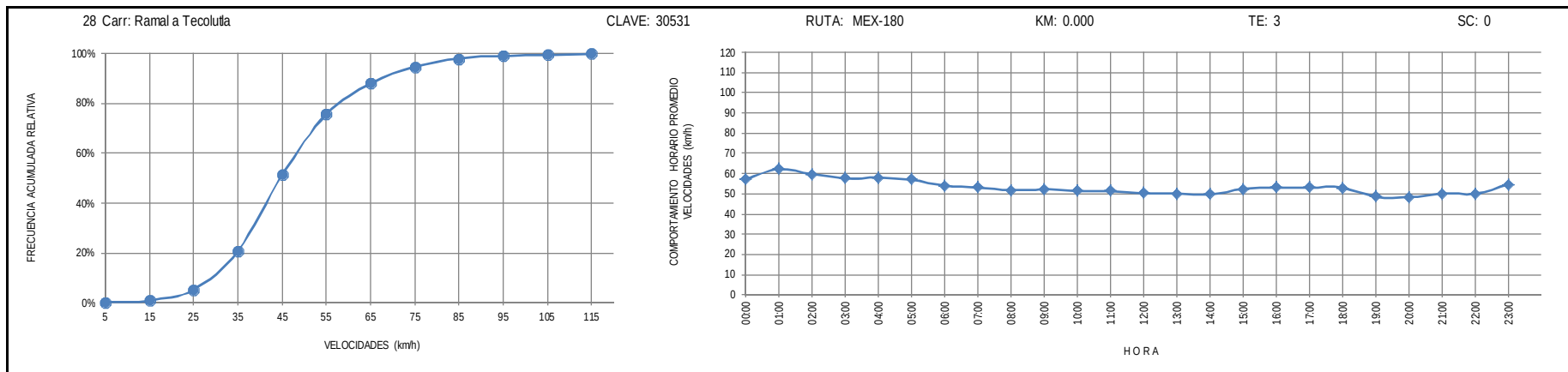
ruta: MEX-180

KM: 0.000

TE: 3

SC: 1





31 Carr: San Pablo Villa de Mitla - T. C. (Tuxtepec - Palomares)

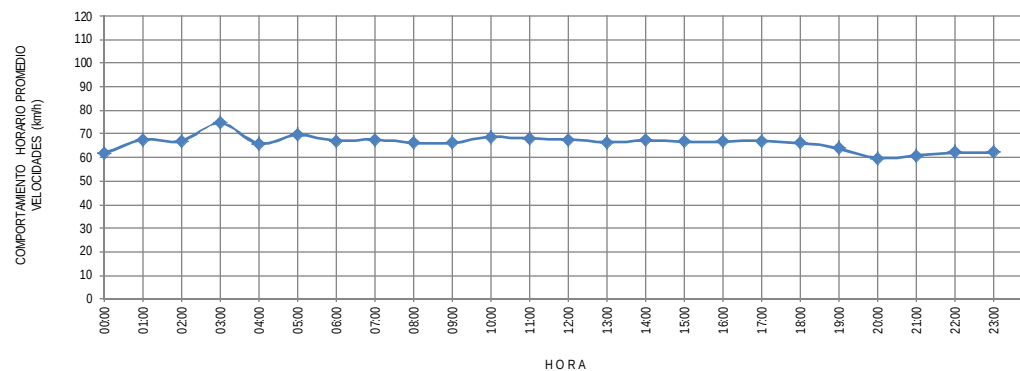
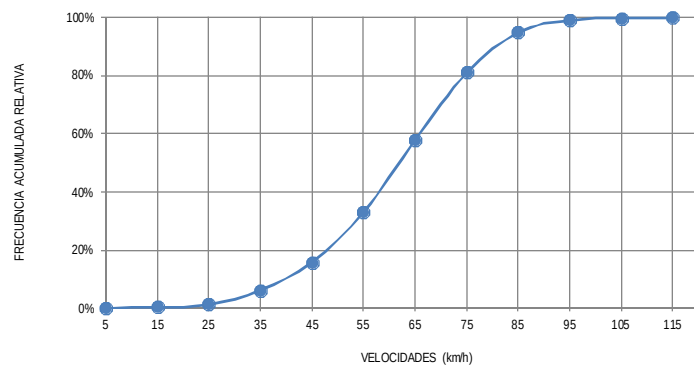
CLAVE: 00106

ruta: MEX-179

KM: 0.000

TE: 3

SC: 0



32 Carr: Tamarindo - José Cardel

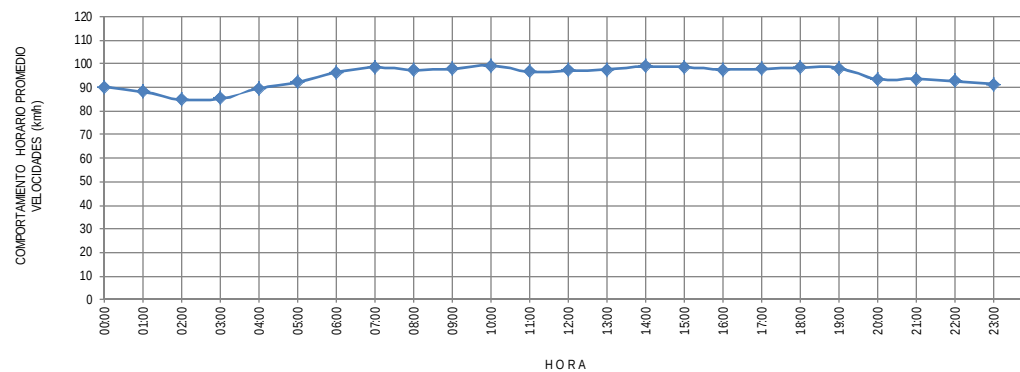
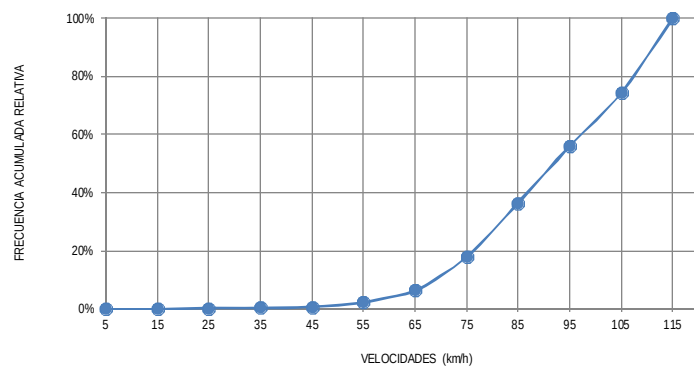
CLAVE: 30193

ruta: MEX-180

KM: 0.000

TE: 3

SC: 1



33 Carr: Tehuacán - Córdoba

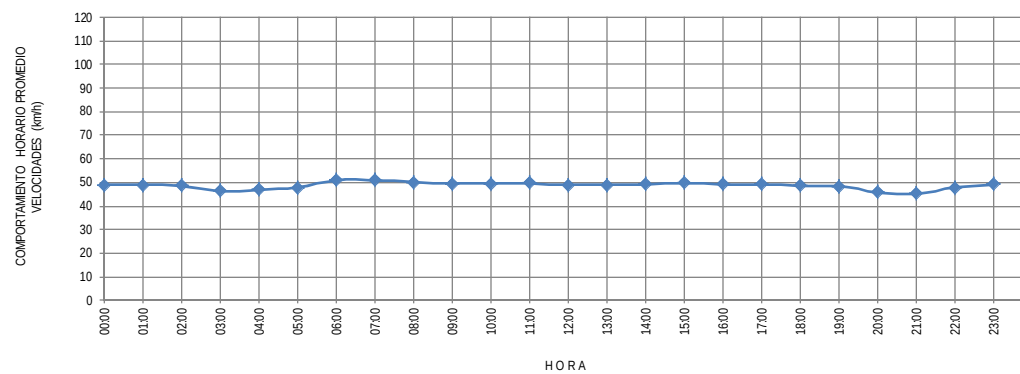
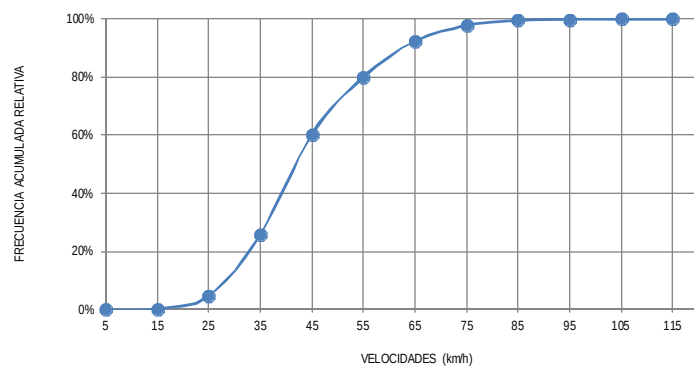
CLAVE: 00534

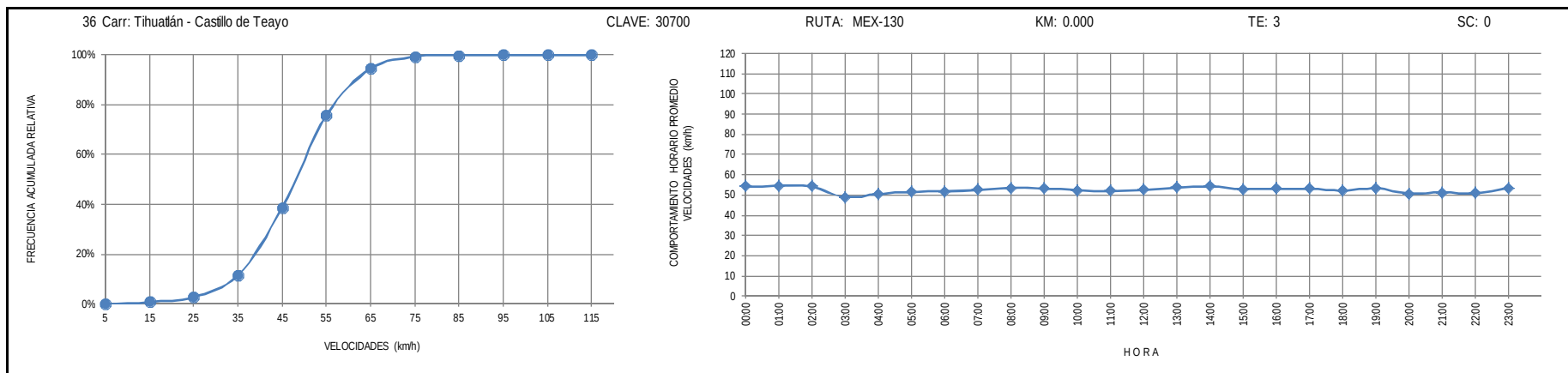
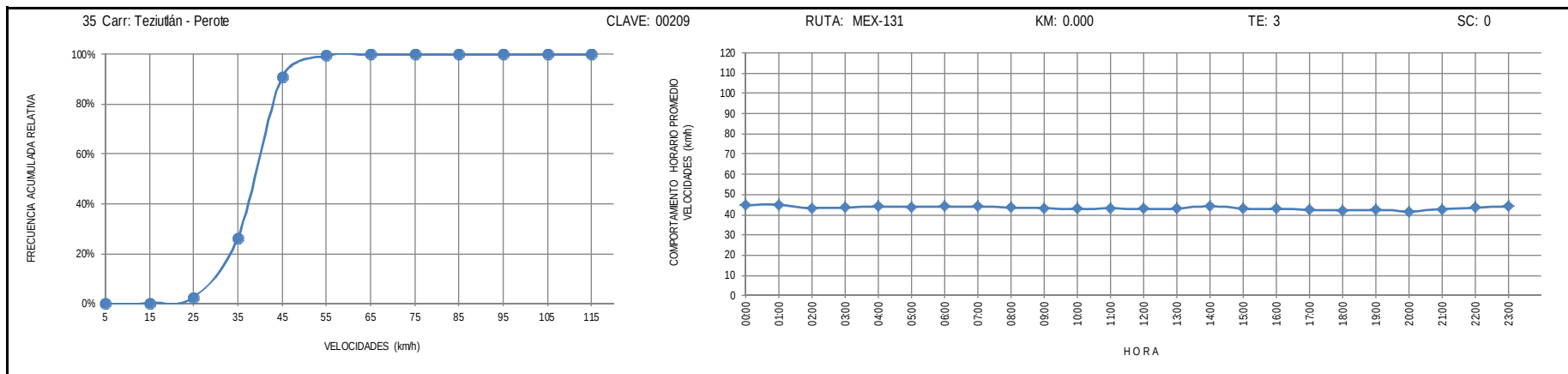
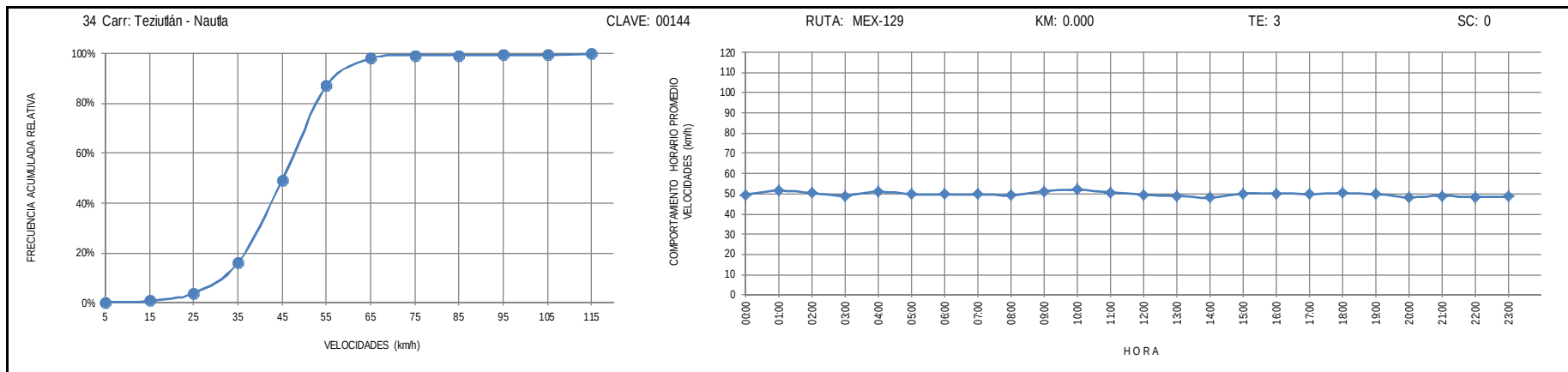
ruta: MEX-150

KM: 0.000

TE: 3

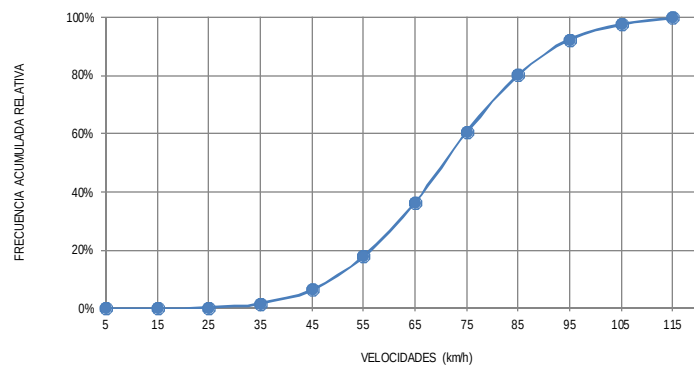
SC: 0





37 Carr: Tihuatlán - Potrero del Llano

CLAVE: 30132

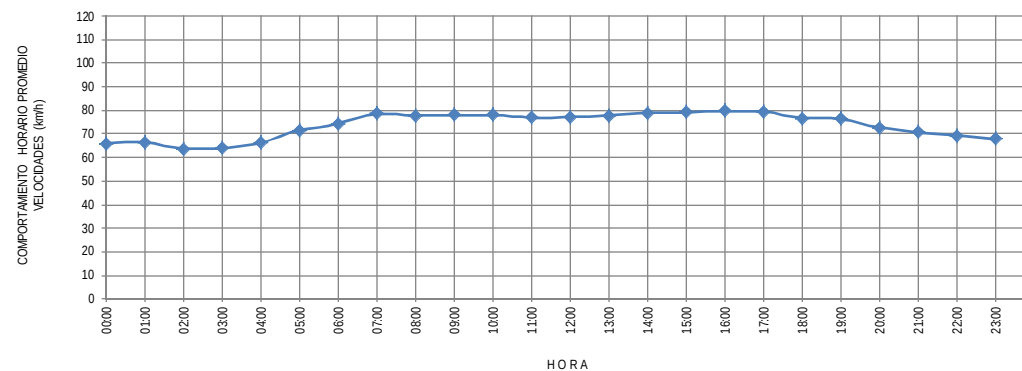


RUTA: MEX-127

KM: 0.000

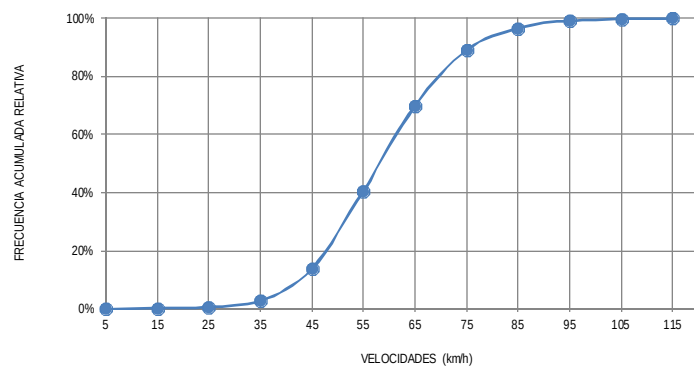
TE: 3

SC: 0



38 Carr: Tuxpam - Tampico

CLAVE: 00529

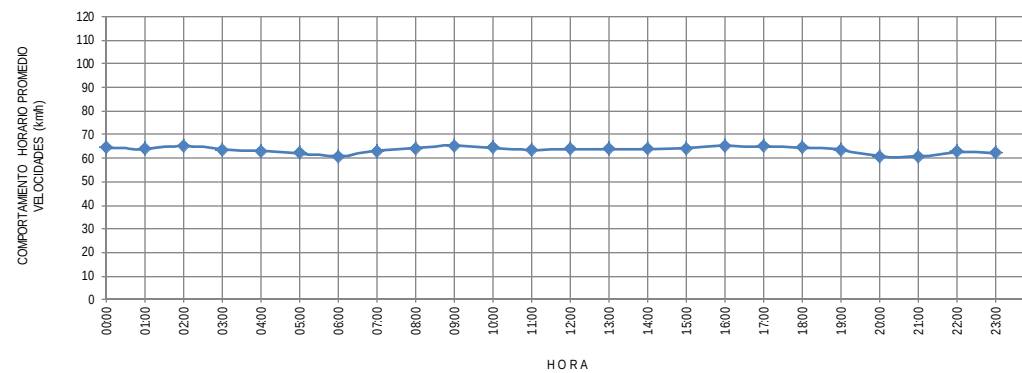


RUTA: MEX-180

KM: 0.000

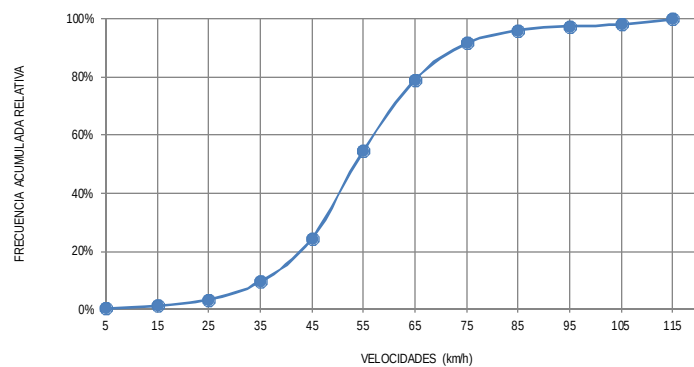
TE: 3

SC: 0



39 Carr: Tuxtepec - Ent Palomares

CLAVE: 00180

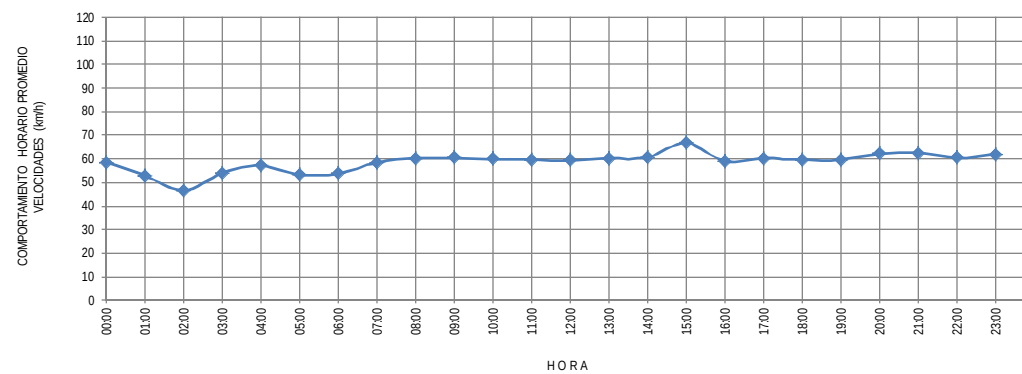


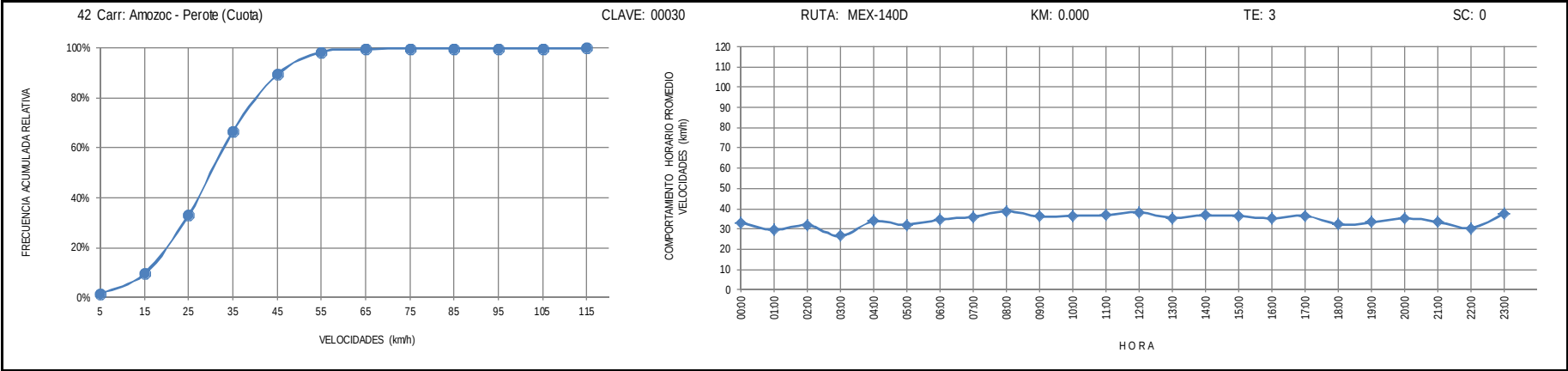
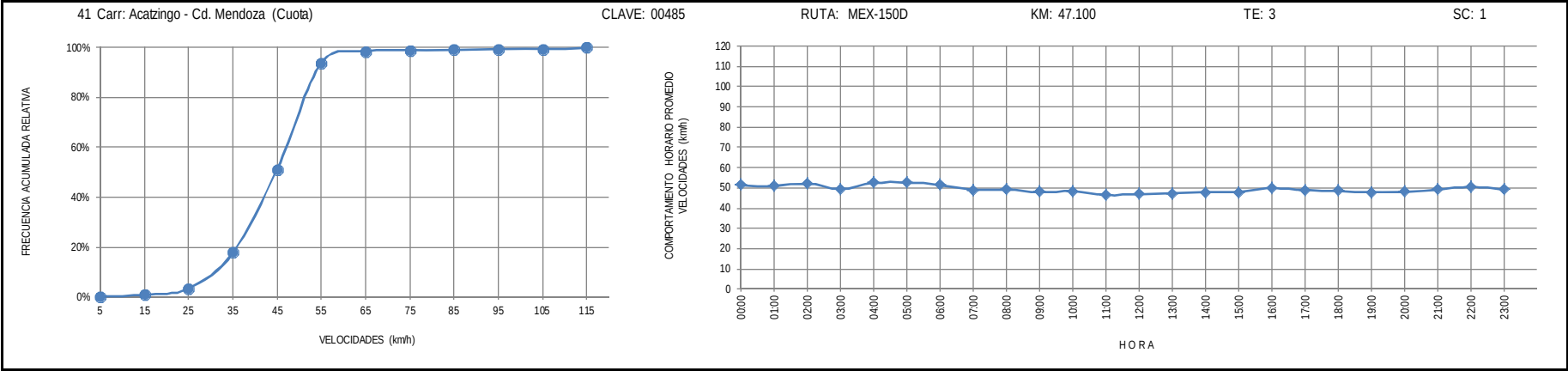
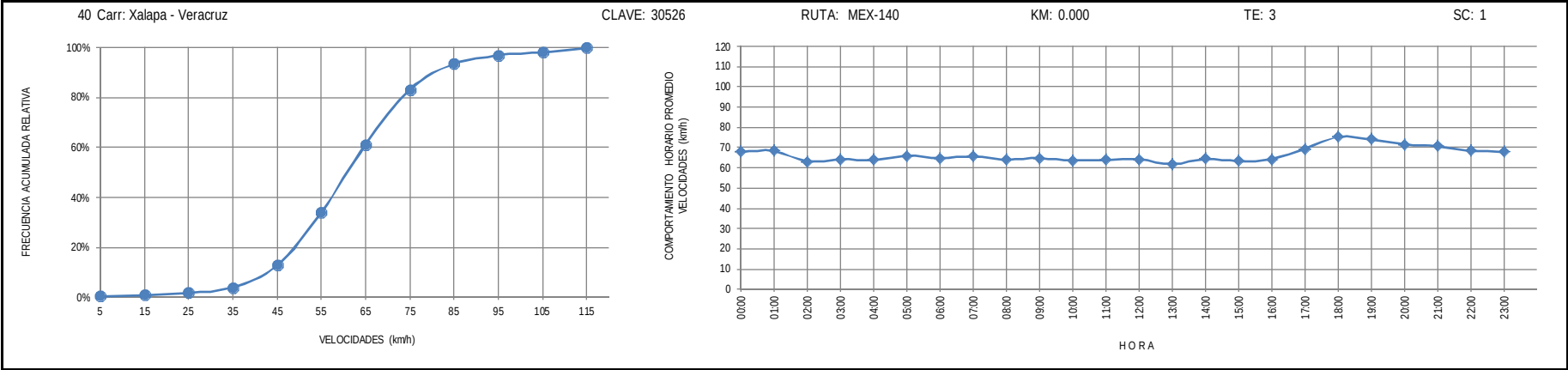
RUTA: MEX-147

KM: 0.000

TE: 3

SC: 0





43 Carr: Cd. Mendoza - Córdoba (Cuota)

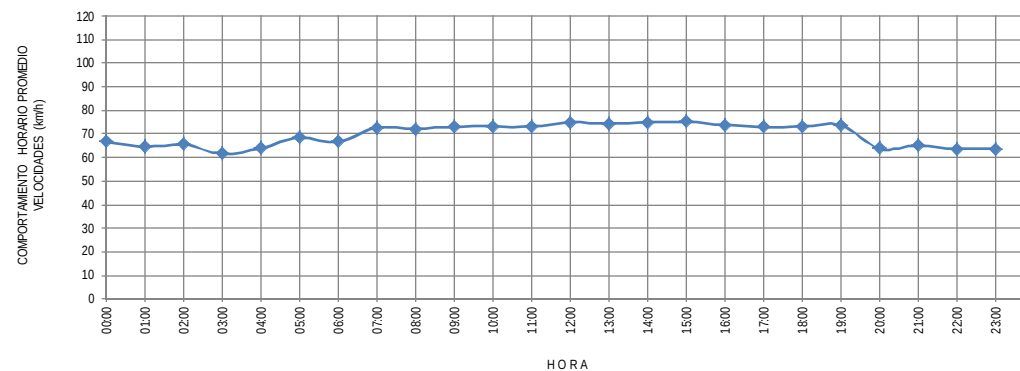
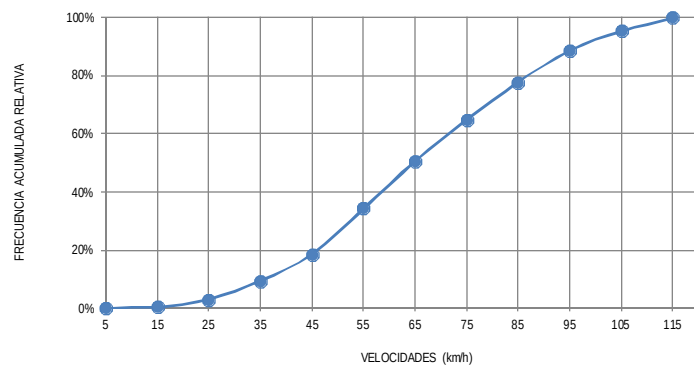
CLAVE: 00485

RUTA: MEX-150D

KM: 142.400

TE: 3

SC: 1



44 Carr: Córdoba - Veracruz (Cuota)

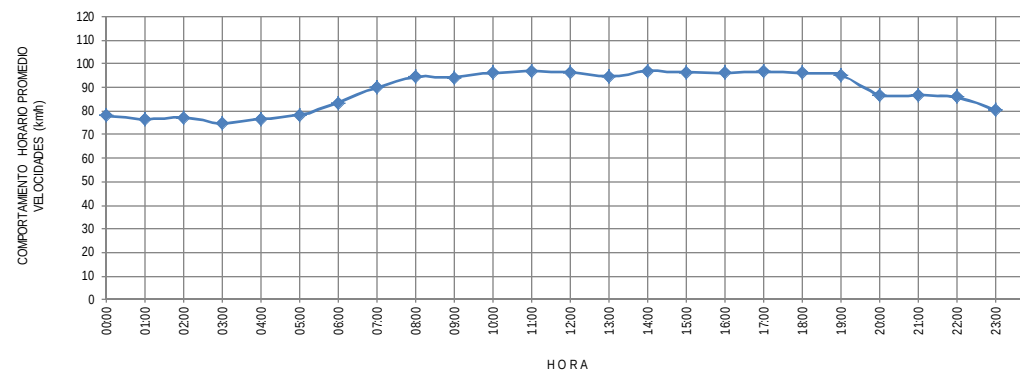
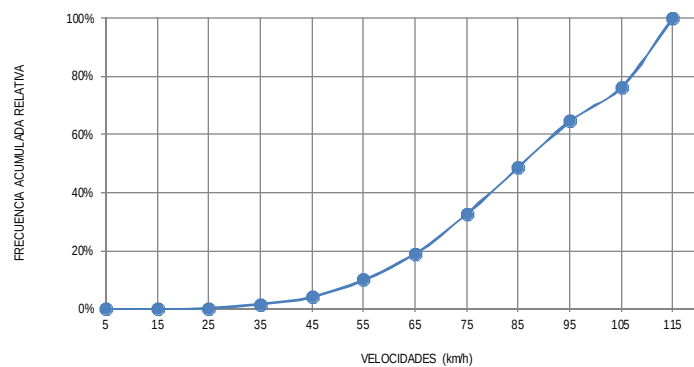
CLAVE: 30066

RUTA: MEX-150D

KM: 45.000

TE: 1

SC: 1



45 Carr: Gutiérrez Zamora - Tihuatlán (Cuota)

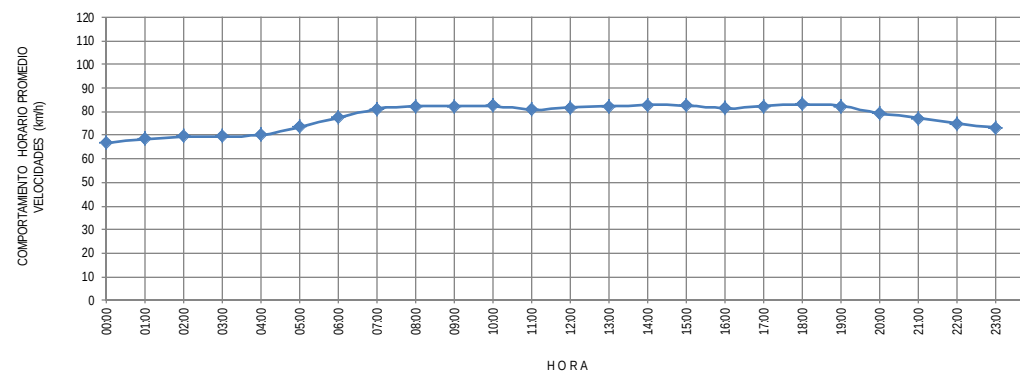
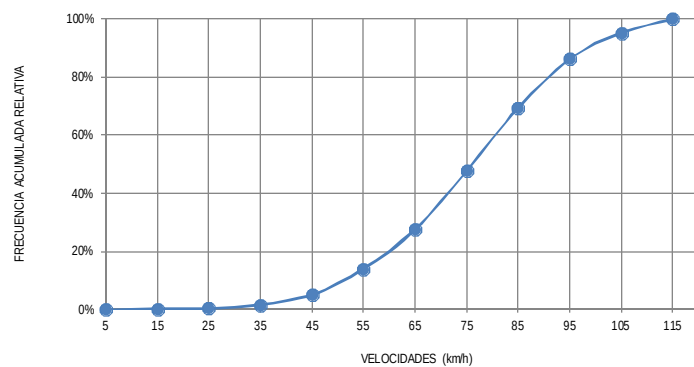
CLAVE: 30009

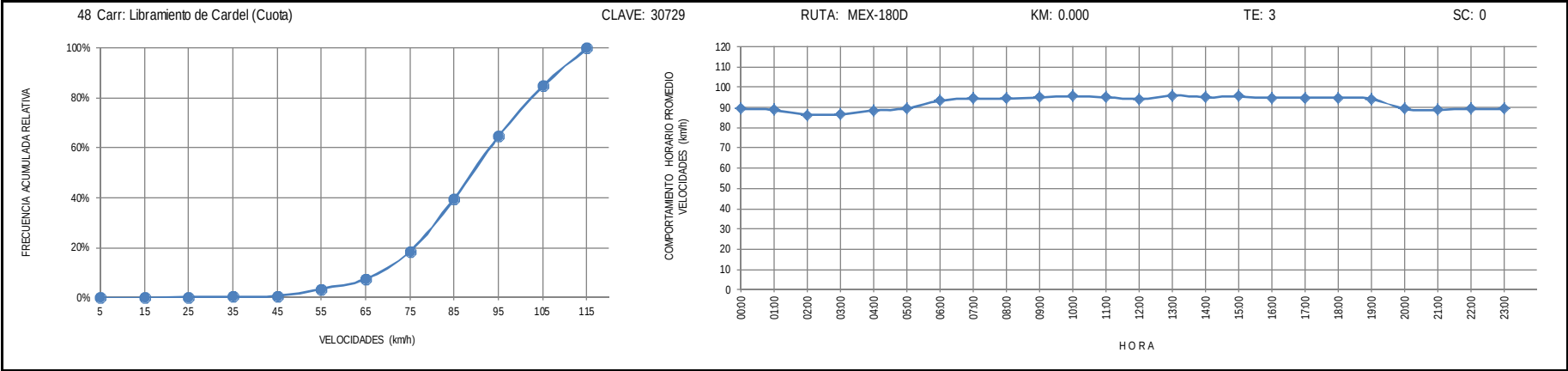
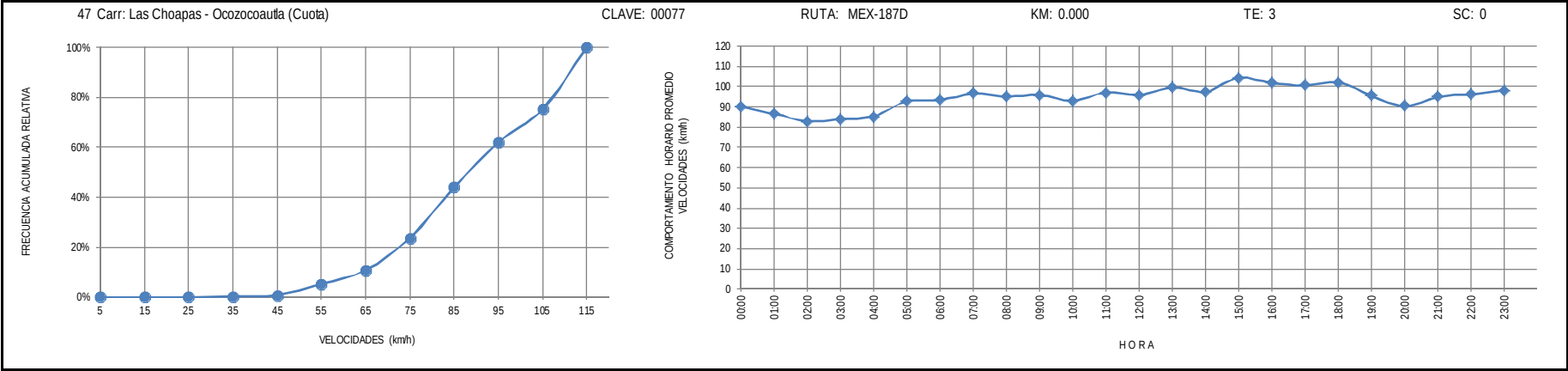
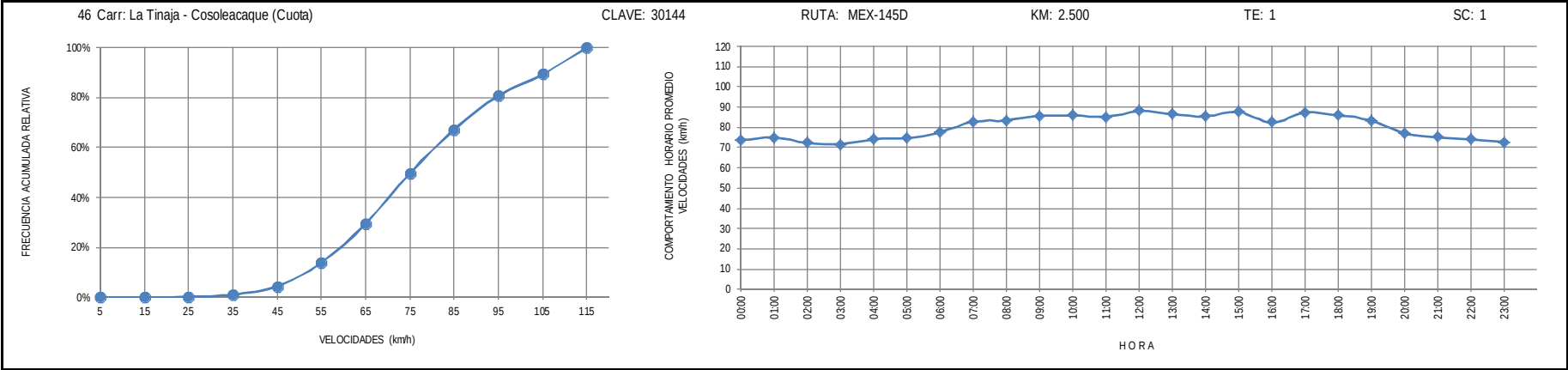
RUTA: MEX-130D

KM: 24.200

TE: 1

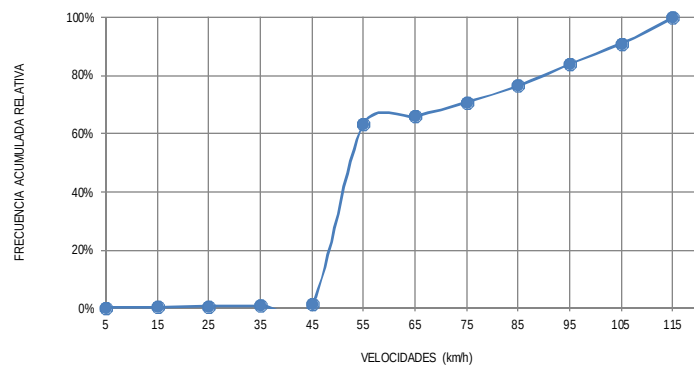
SC: 0





49 Carr: Libramiento de Córdoba (Cuota)

CLAVE: 30742

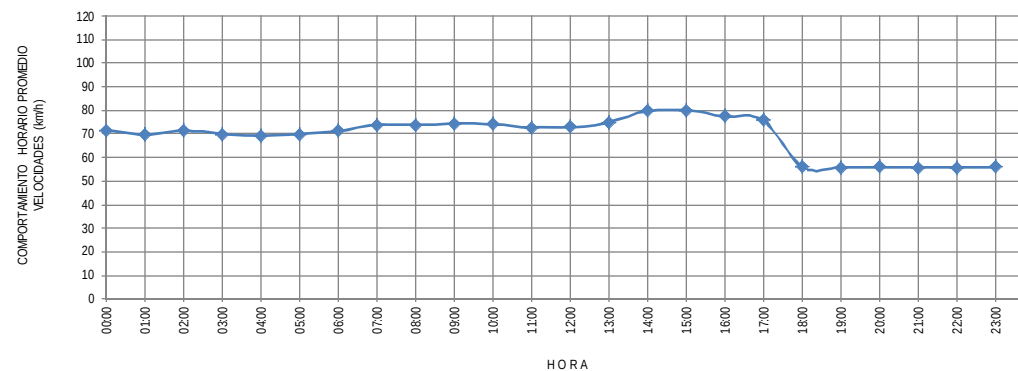


RUTA: MEX-150D

KM: 0.000

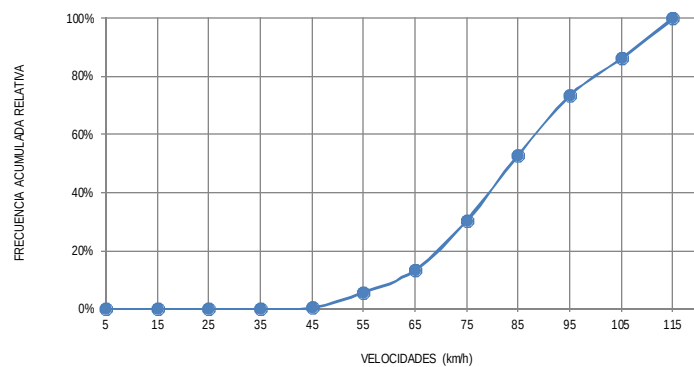
TE: 3

SC: 1



50 Carr: Libramiento Perote (Cuota)

CLAVE: 30737

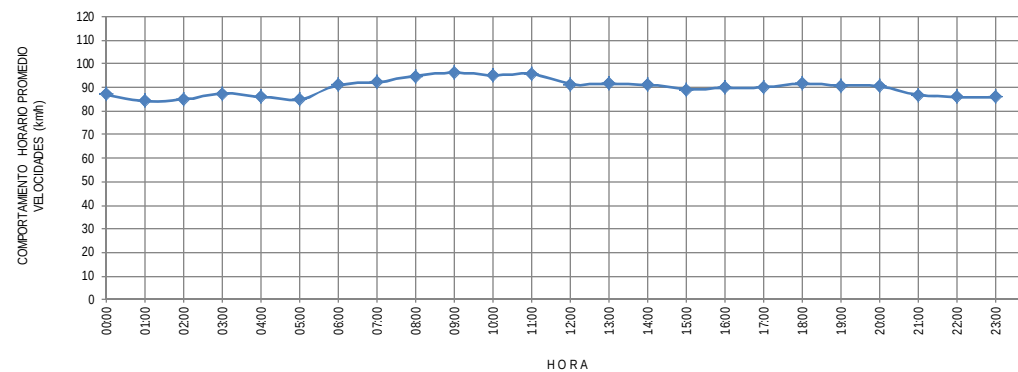


RUTA: MEX-140D

KM: 0.000

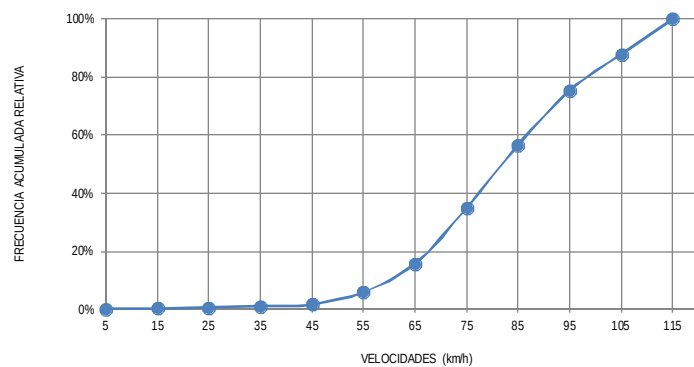
TE: 3

SC: 1



51 Carr: Nuevo Teapa - Cosoleacaque (Cuota)

CLAVE: 30007

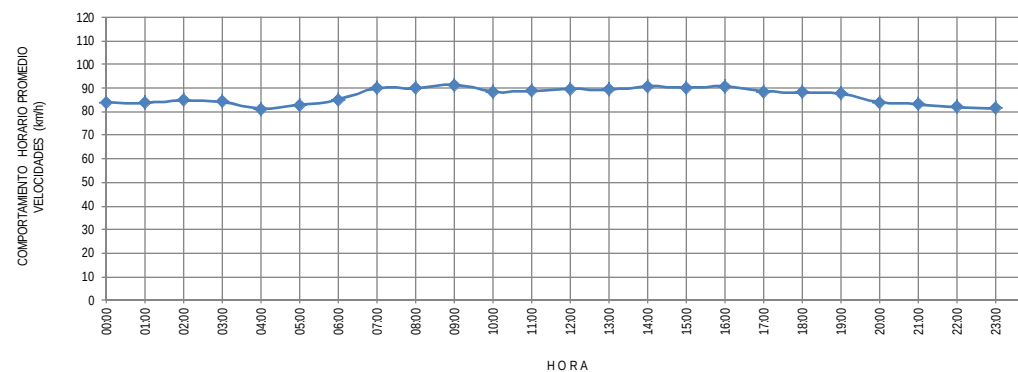


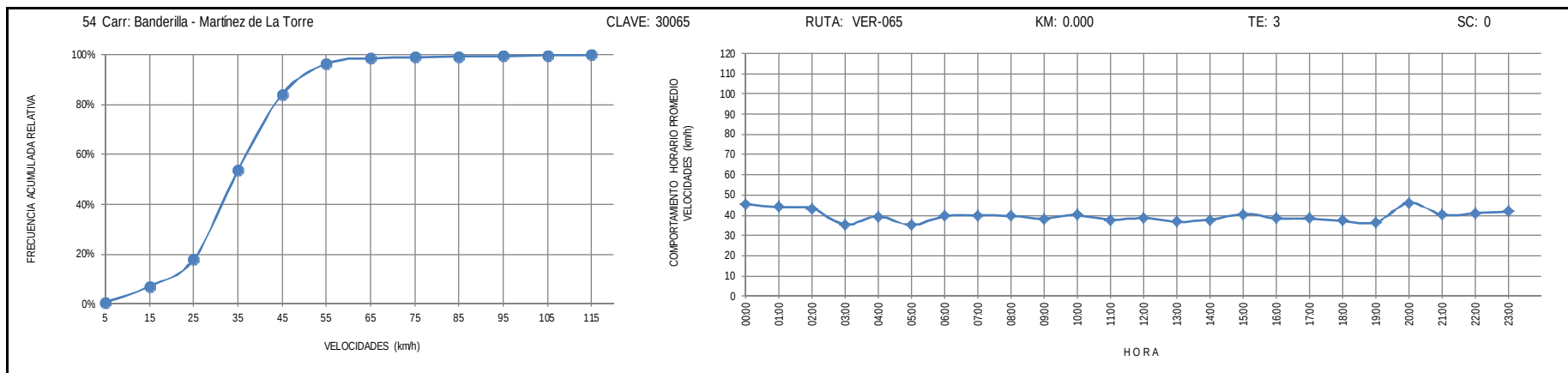
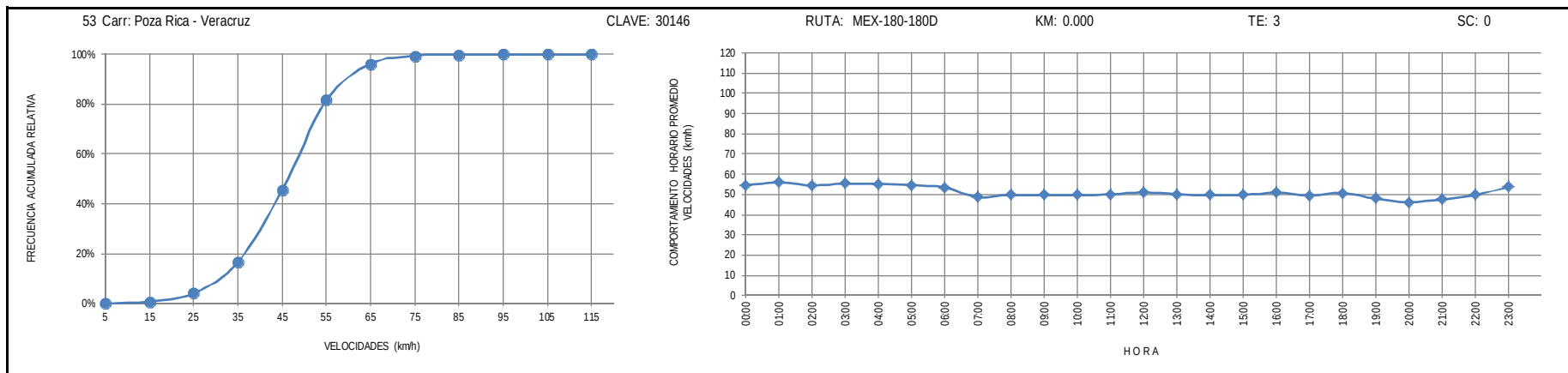
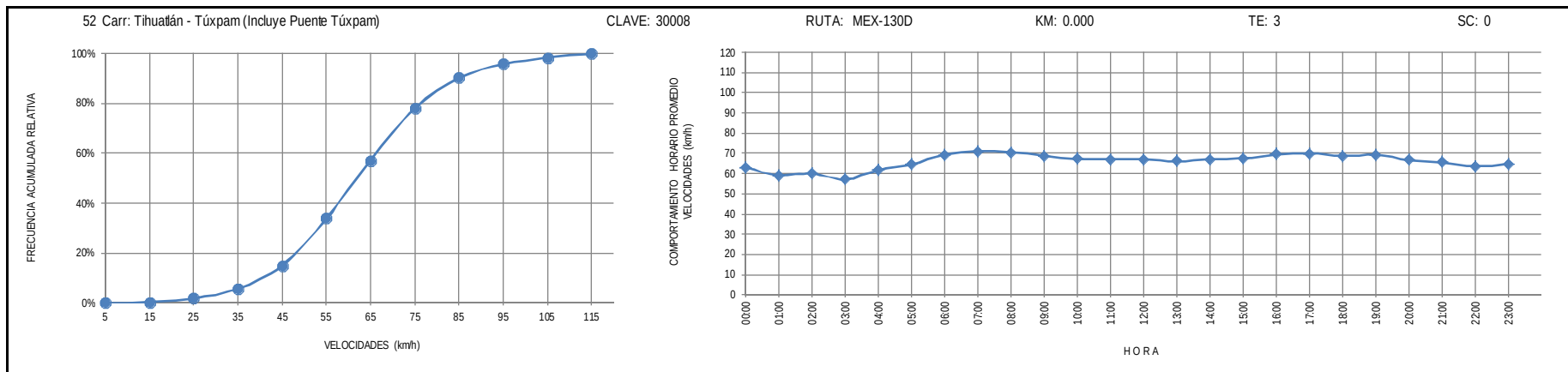
RUTA: MEX-180D

KM: 0.000

TE: 3

SC: 1





55 Carr: Benito Juárez - Agua Dulce

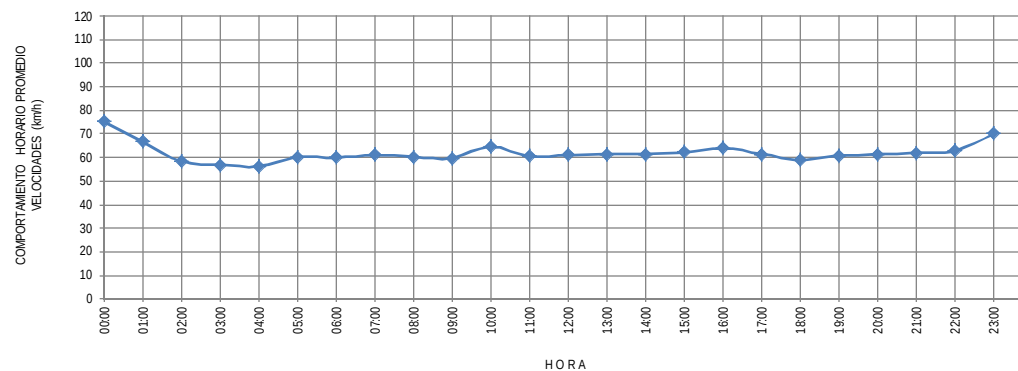
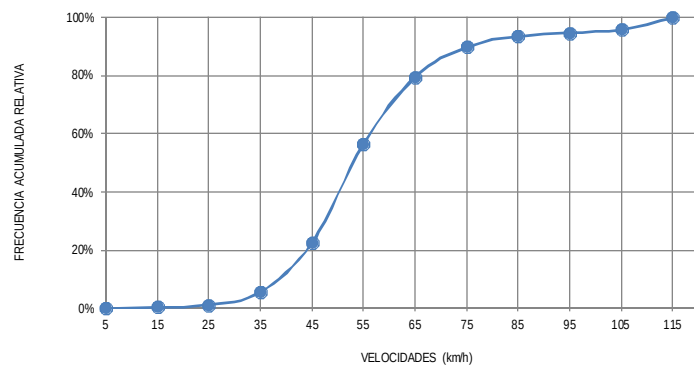
CLAVE: 00202

RUTA: TAB-VER

KM: 0.000

TE: 3

SC: 0



56 Carr: Ent. La Laguna - Ent. El Callejón

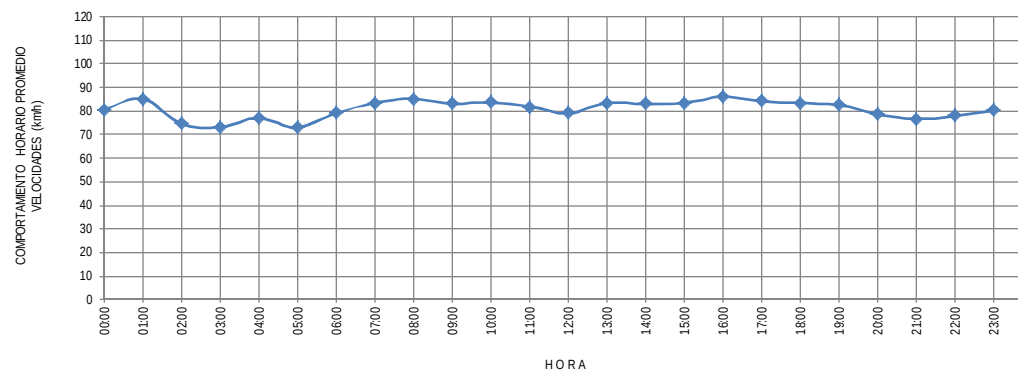
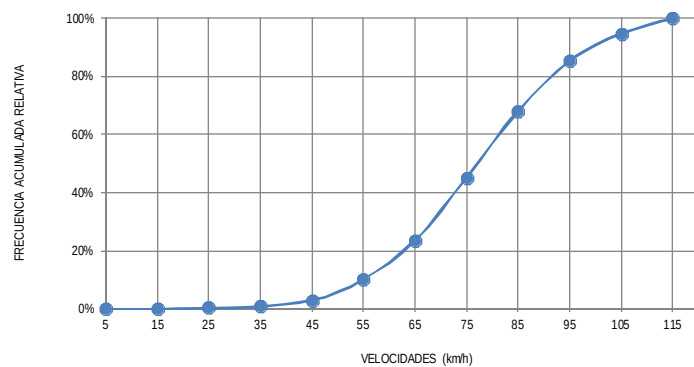
CLAVE: 30705

RUTA: VER

KM: 0.000

TE: 3

SC: 0



57 Carr: José Cardel - Playa Chachalacas

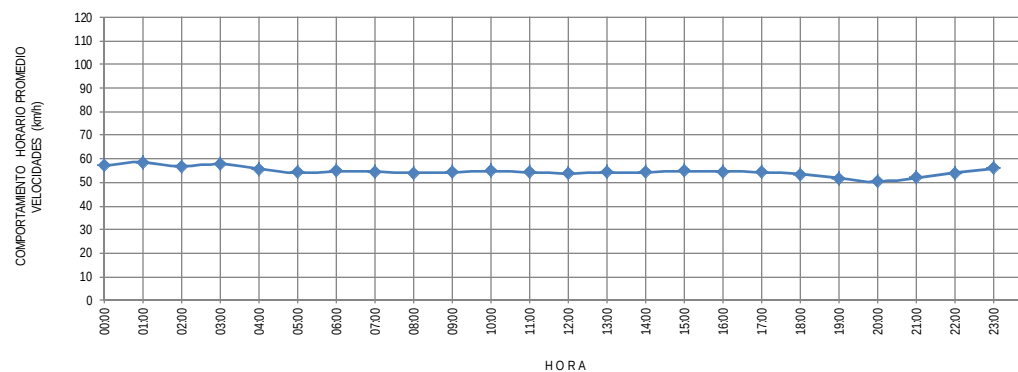
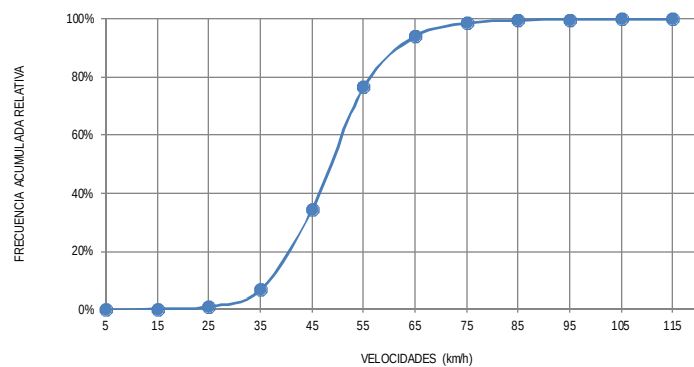
CLAVE: 30038

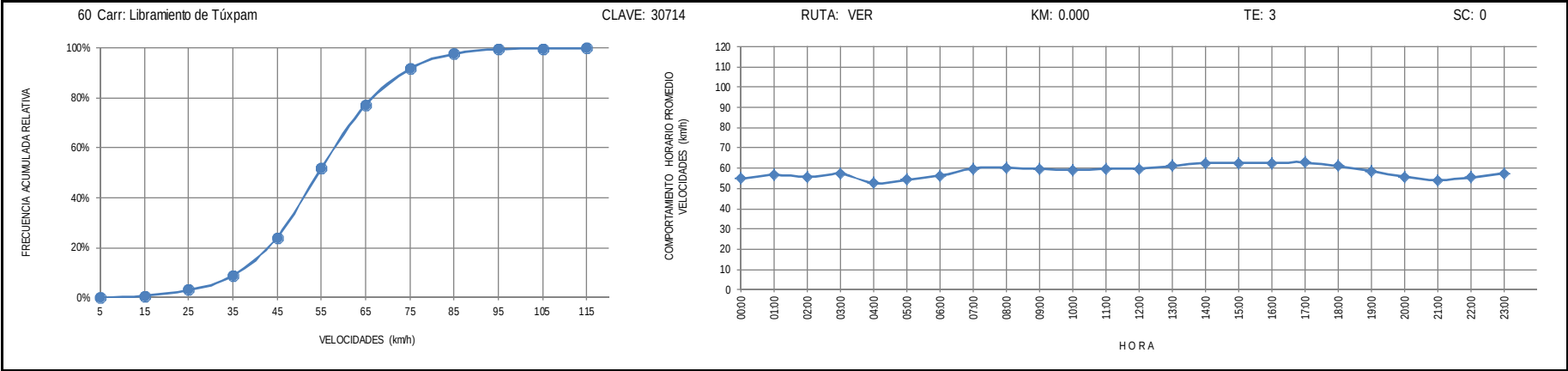
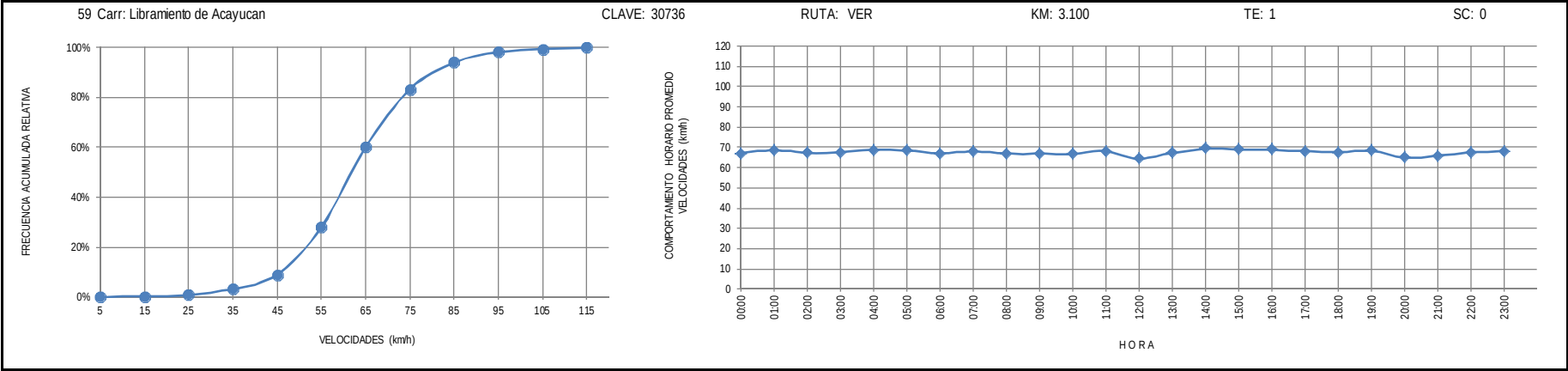
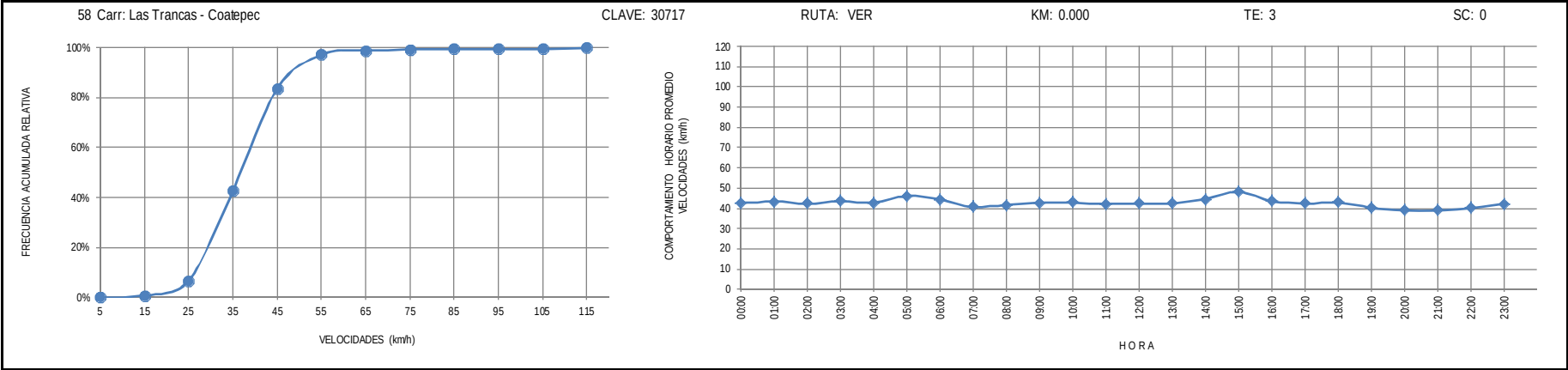
RUTA: VER

KM: 0.000

TE: 3

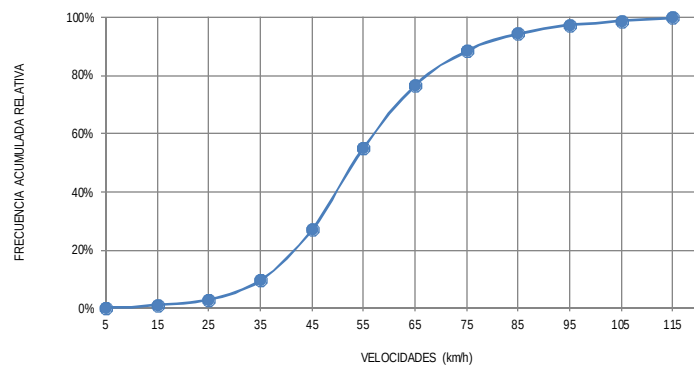
SC: 0





61 Carr: Mata de Espino - Ignacio de La Llave

CLAVE: 30733

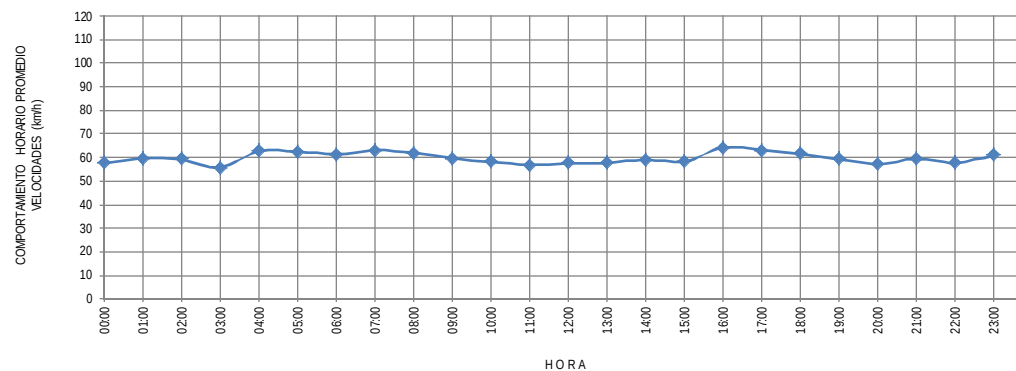


RUTA: VER

KM: 0.000

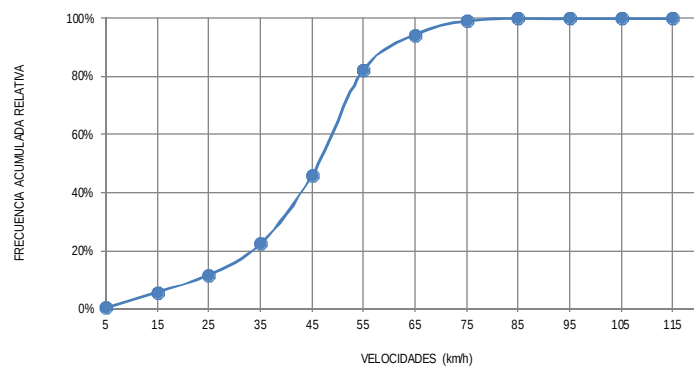
TE: 3

SC: 0



62 Carr: Mata Redonda - Joachín

CLAVE: 30095

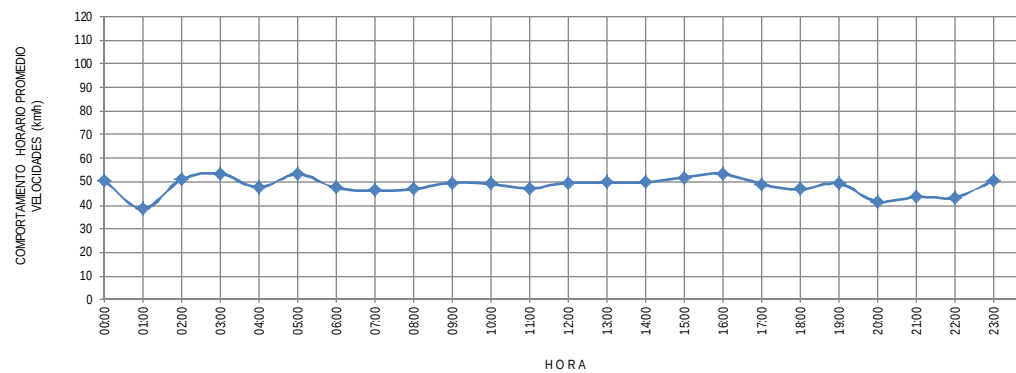


RUTA: VER-095

KM: 0.000

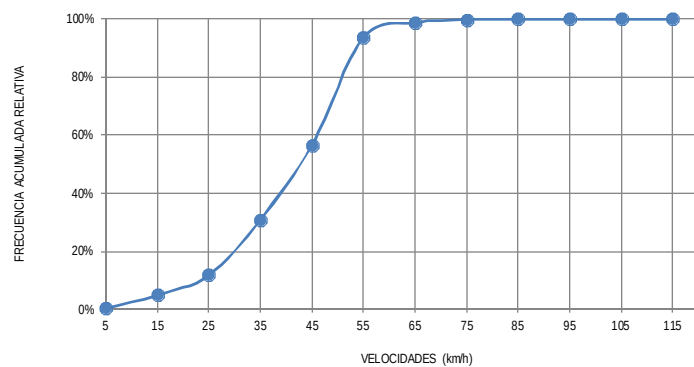
TE: 3

SC: 0



63 Carr: Nuevo Teapa - Agua Dulce

CLAVE: 30007

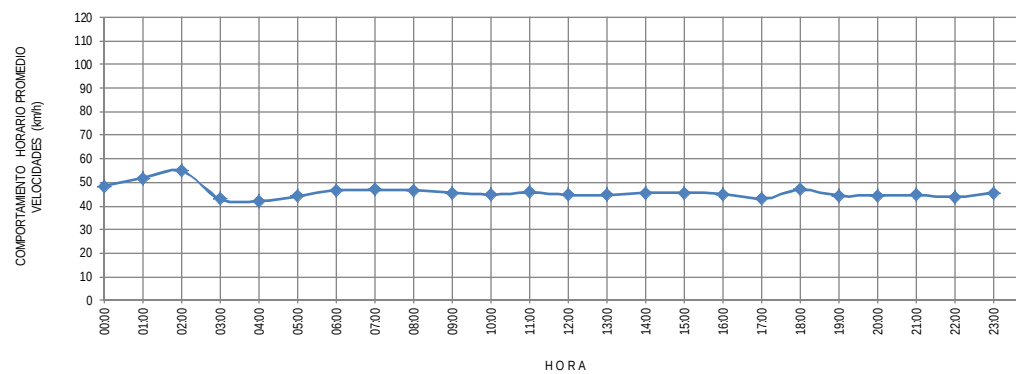


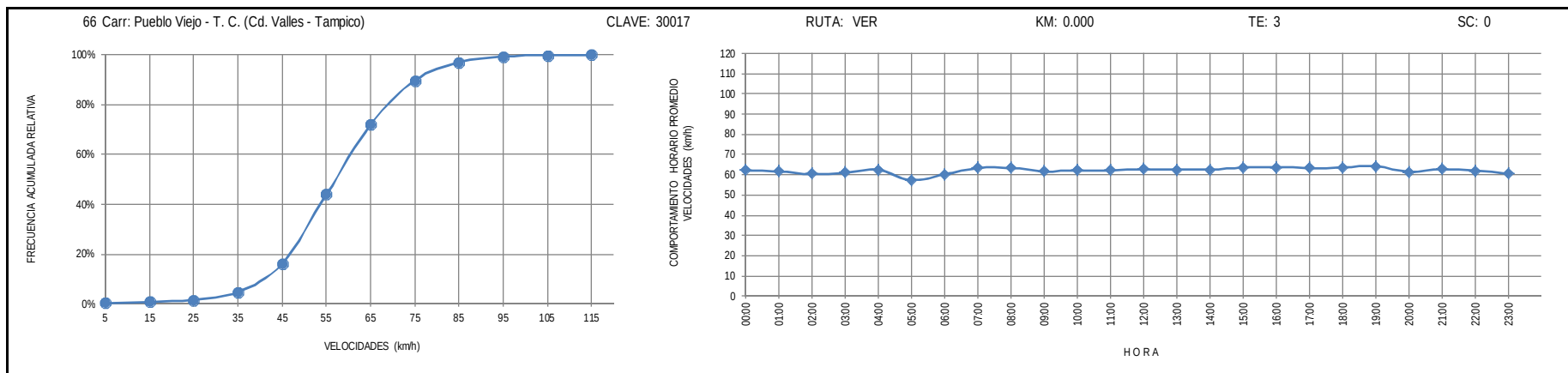
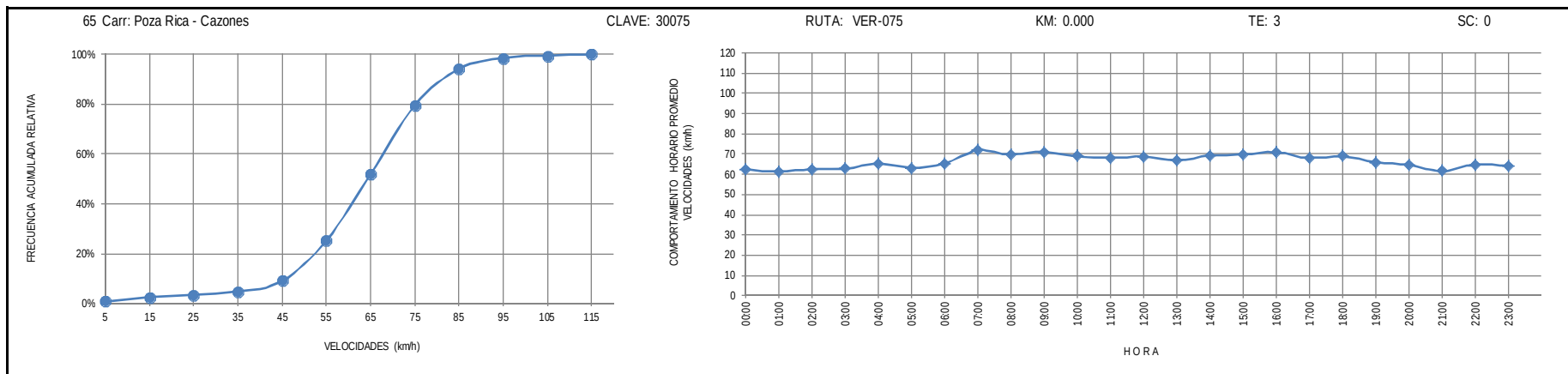
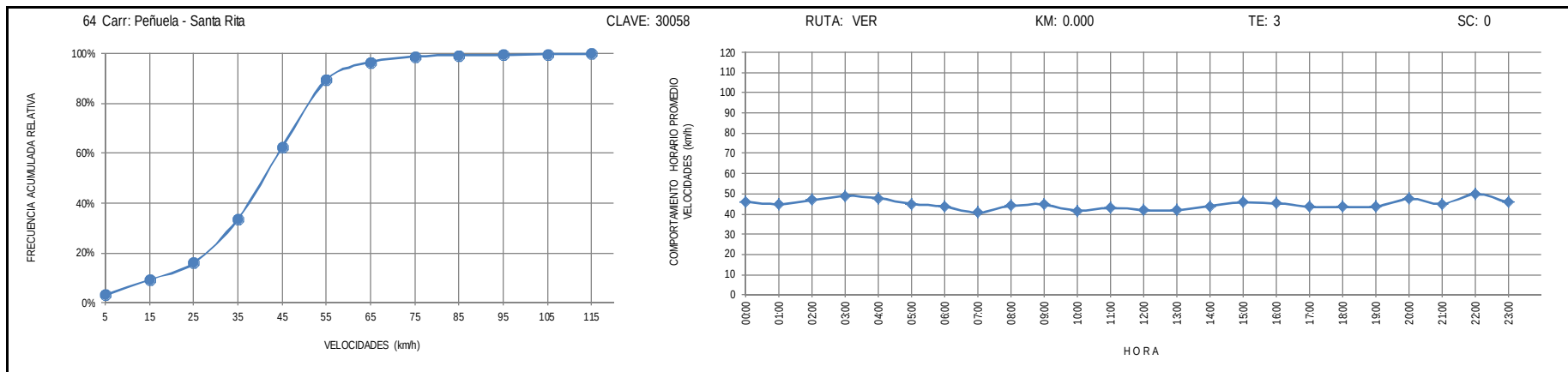
RUTA: VER

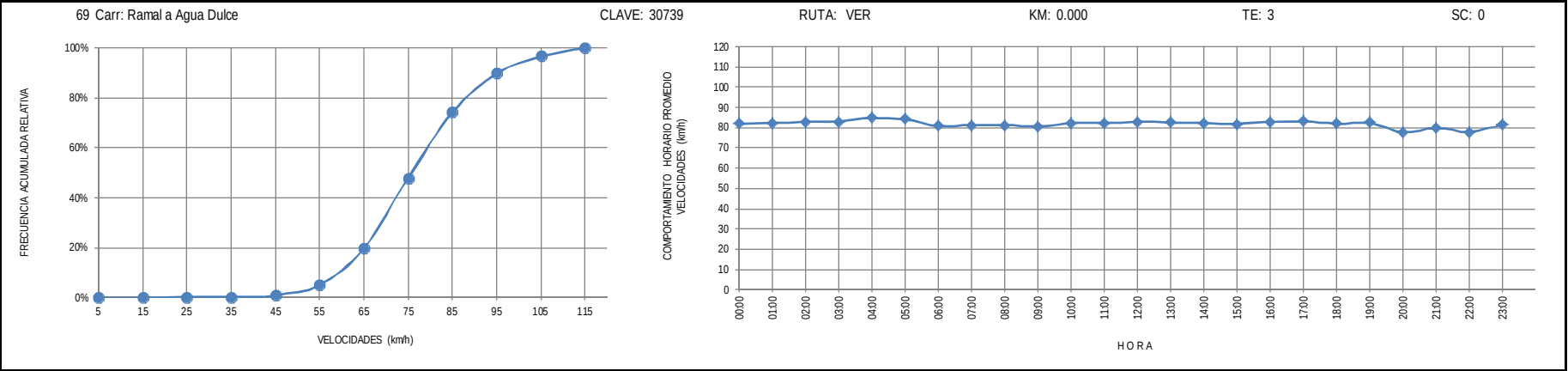
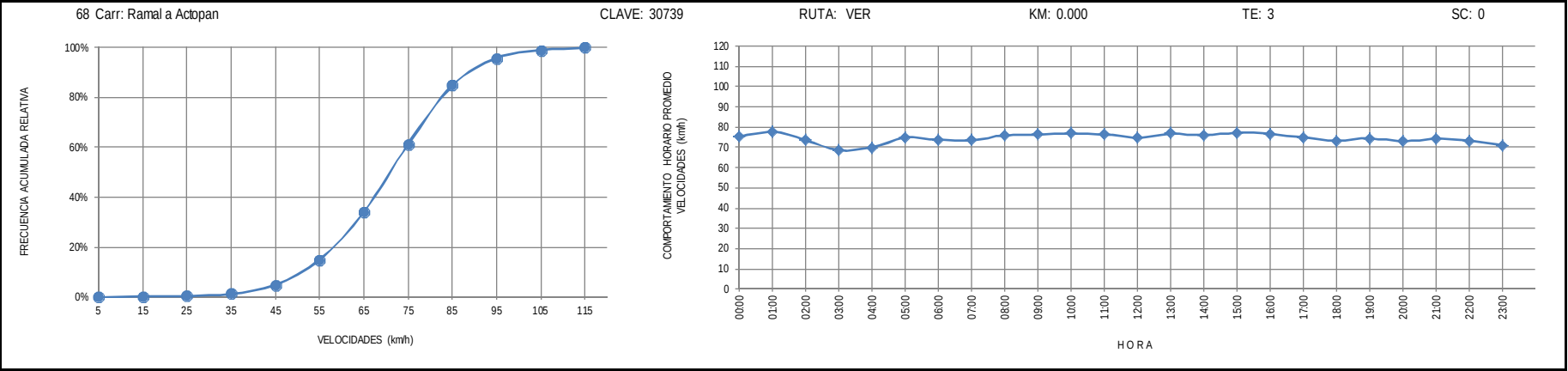
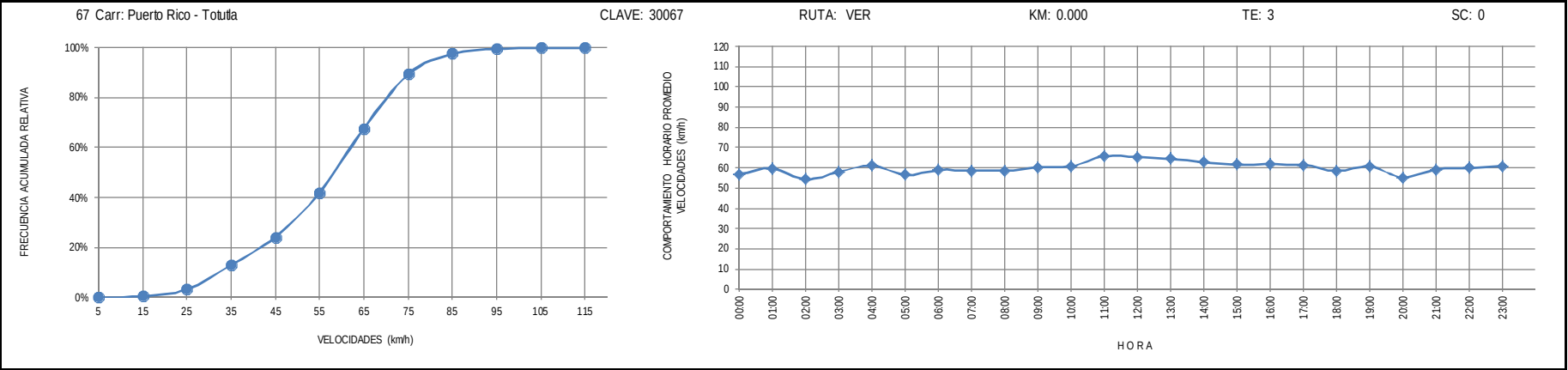
KM: 25.000

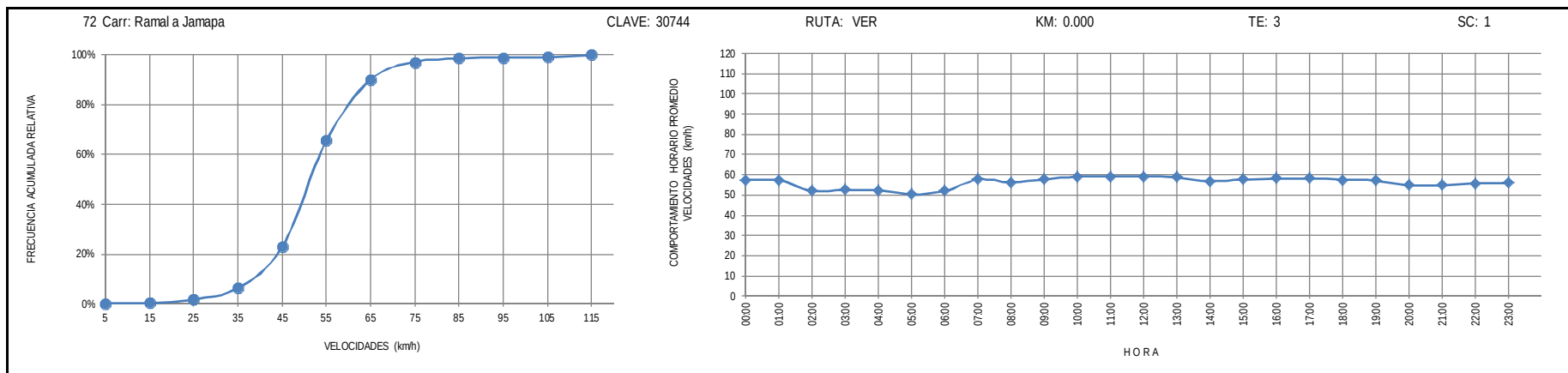
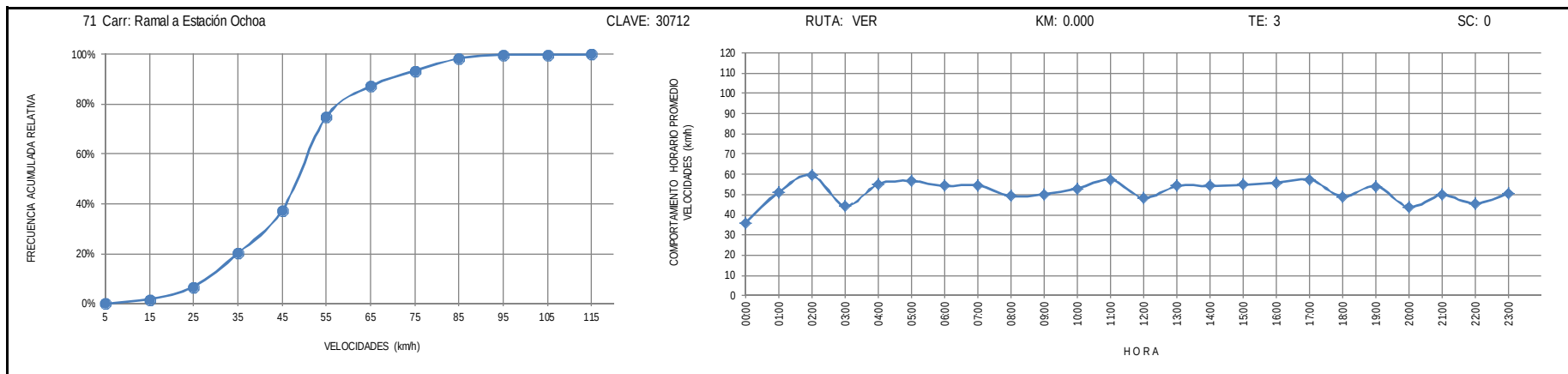
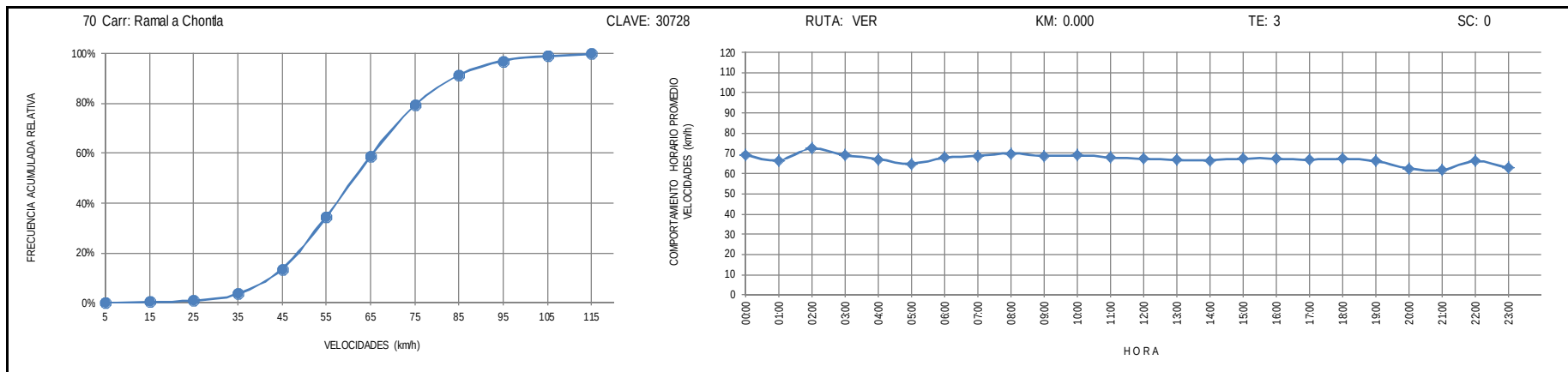
TE: 1

SC: 0



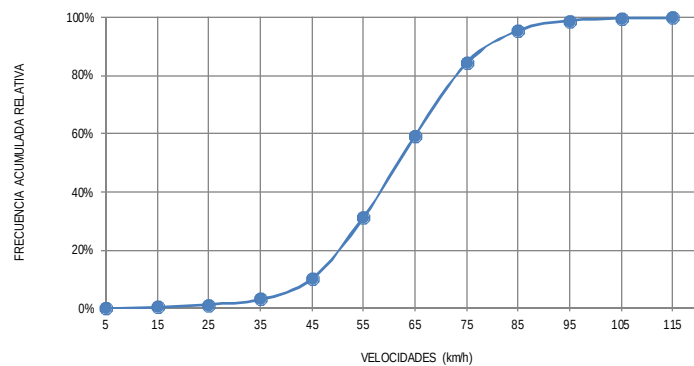






73 Carr: Ramal a Jesús Carranza

CLAVE: 30720

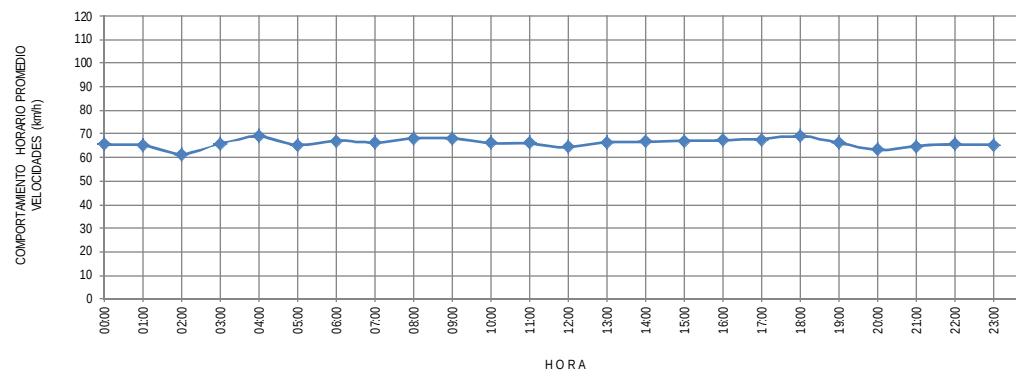


RUTA: VER

KM: 0.000

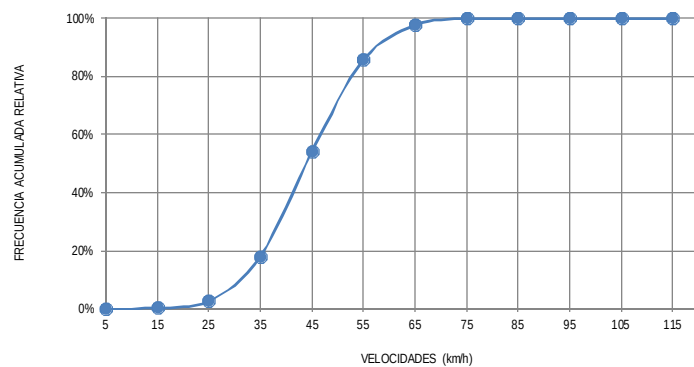
TE: 3

SC: 0



74 Carr: Ramal a Suchilapan

CLAVE: 30721

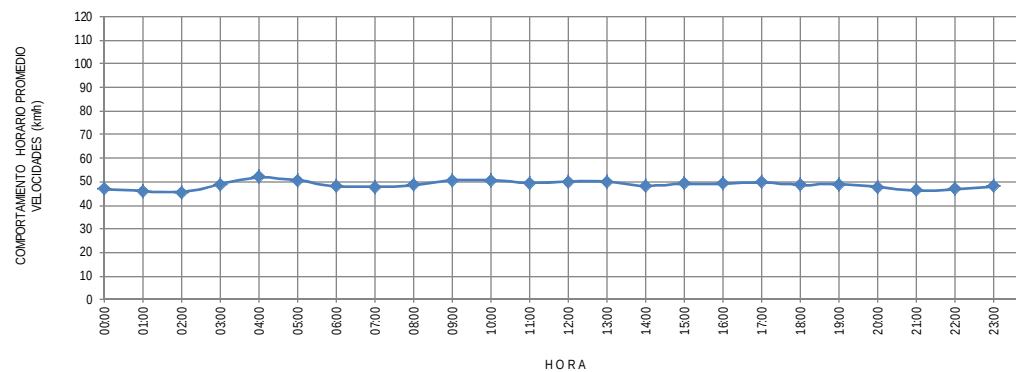


RUTA: VER

KM: 0.000

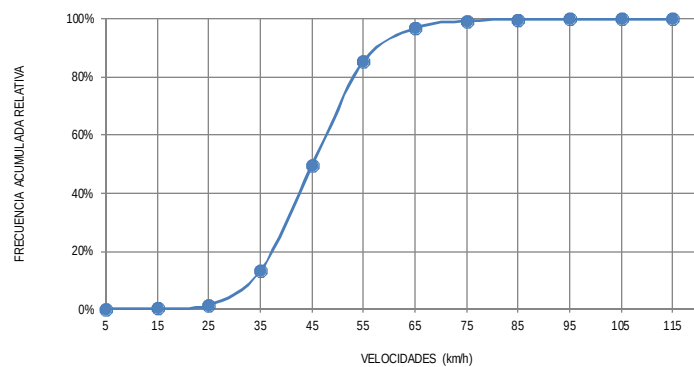
TE: 3

SC: 0



75 Carr: Ramal a Zempoala

CLAVE: 30192

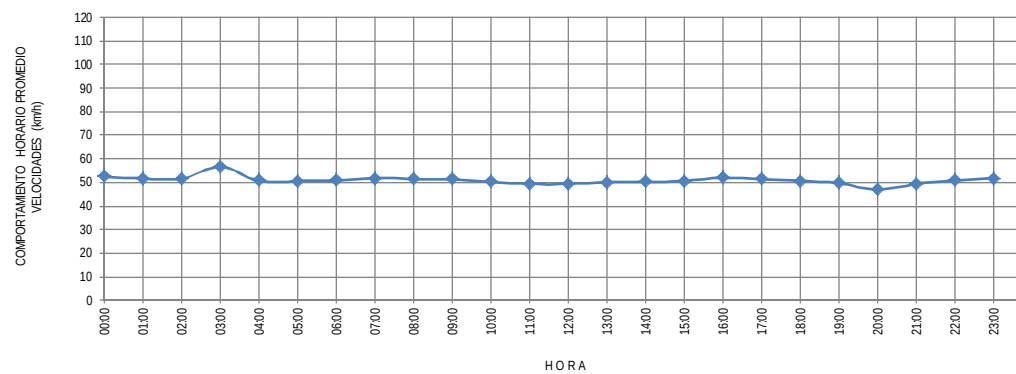


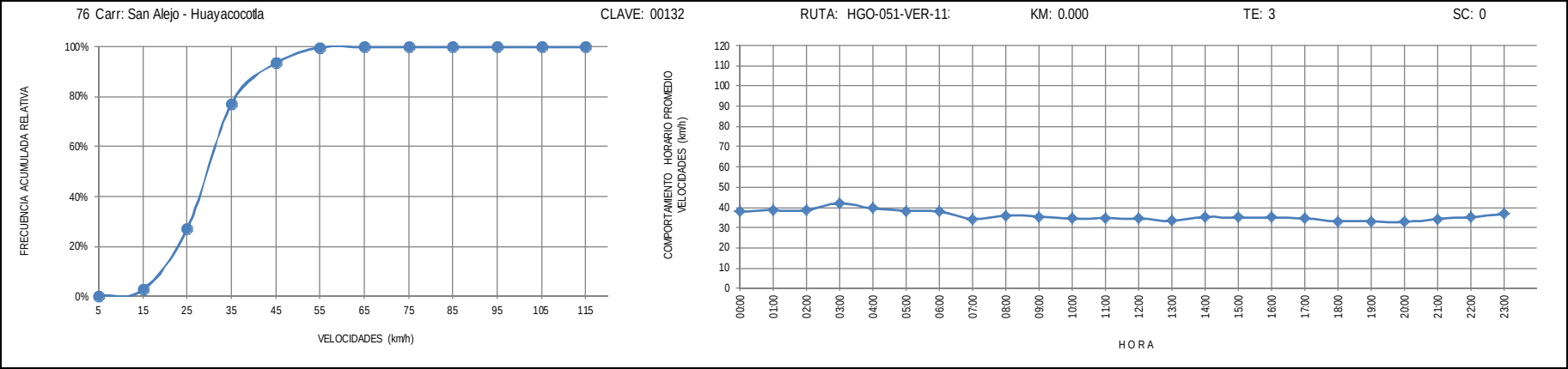
RUTA: VER-192

KM: 0.000

TE: 3

SC: 0





79 Carr: Sierra de Agua - Magueyitos

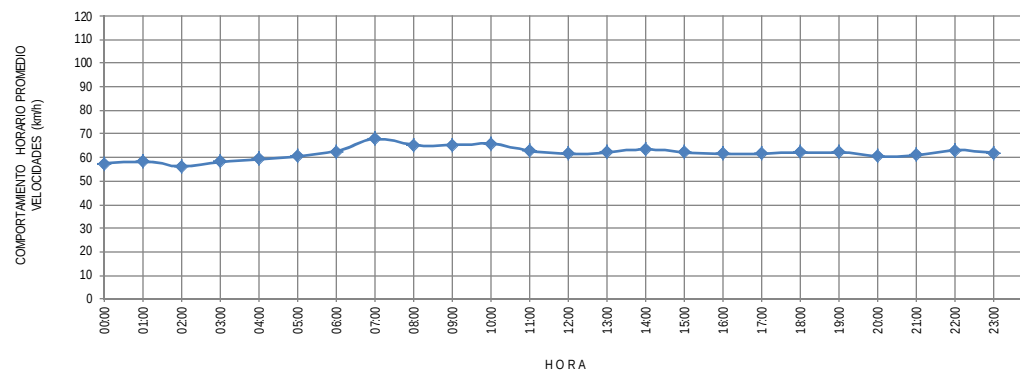
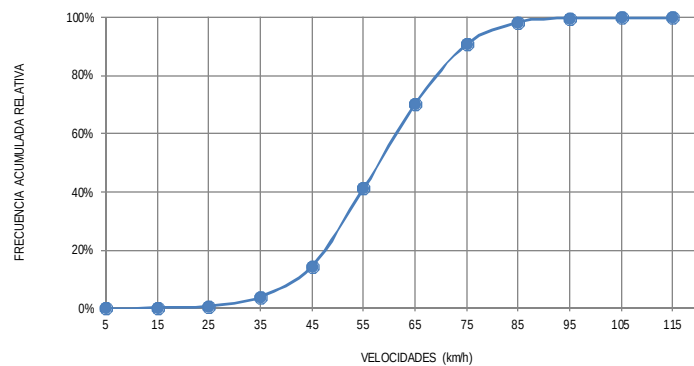
CLAVE: 30716

RUTA: VER

KM: 0.000

TE: 3

SC: 0



80 Carr: T. C. (Coatzacoalcos - Villahermosa) - Las Choapas

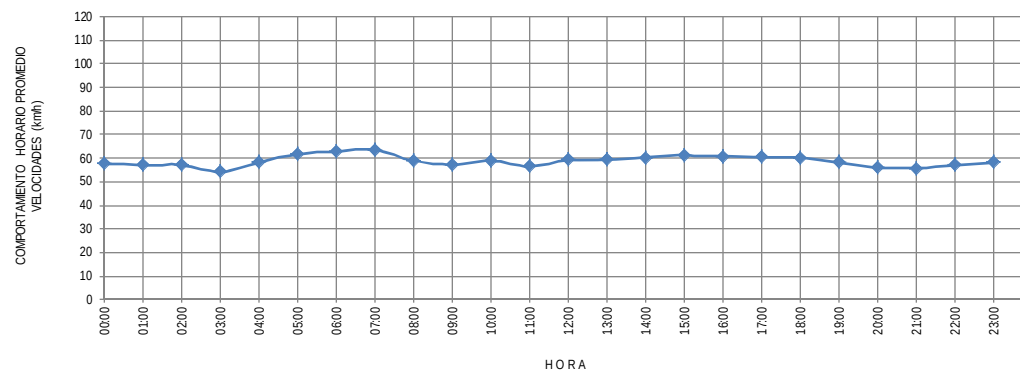
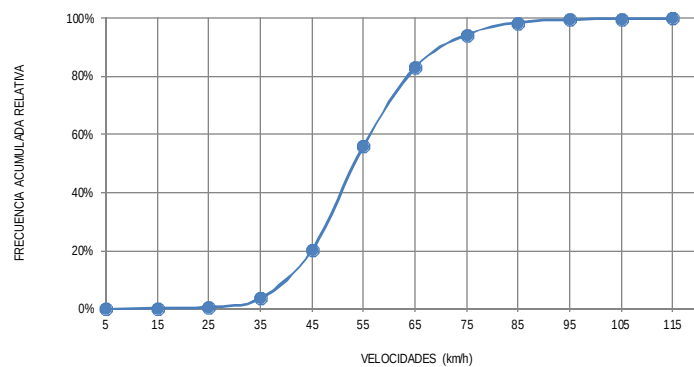
CLAVE: 30749

RUTA: VER

KM: 0.000

TE: 3

SC: 0



81 Carr: Tanbyuca - Platón Sánchez

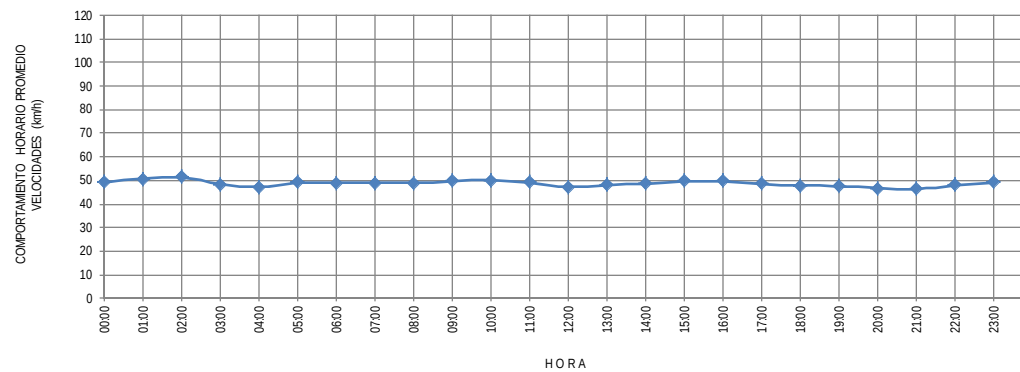
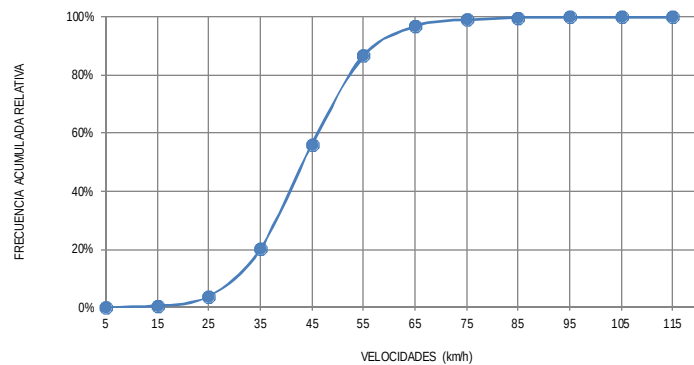
CLAVE: 30193

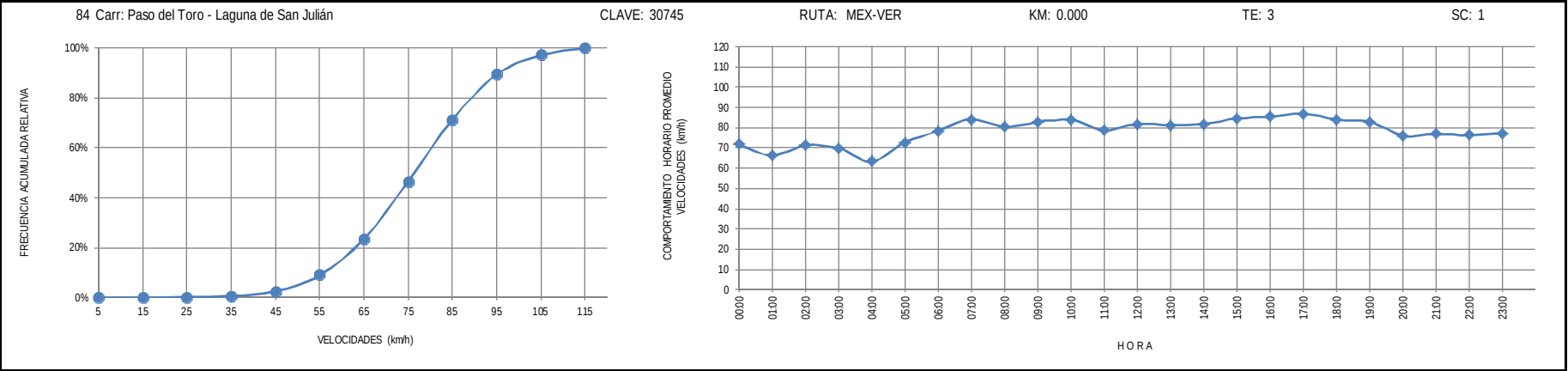
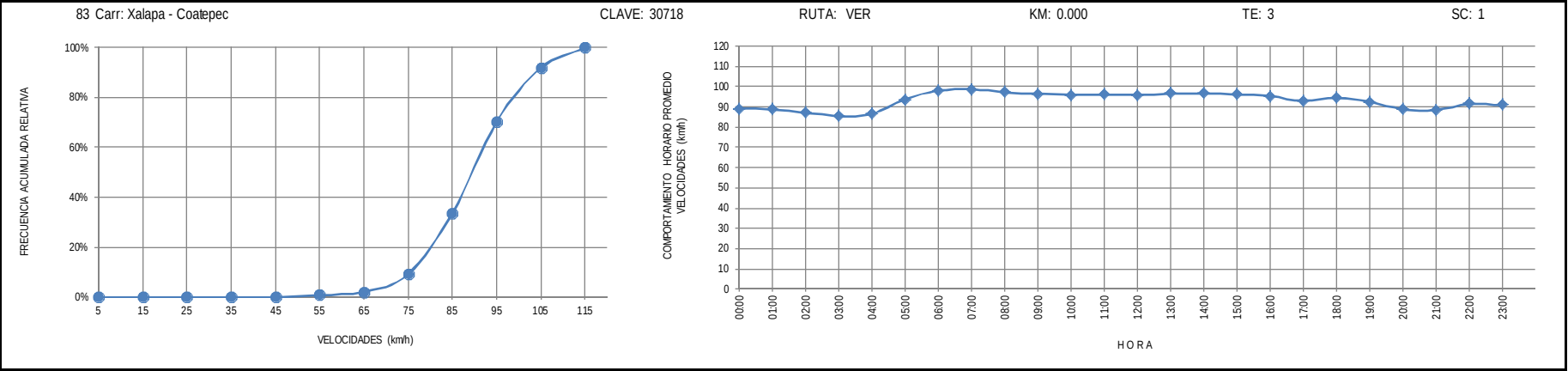
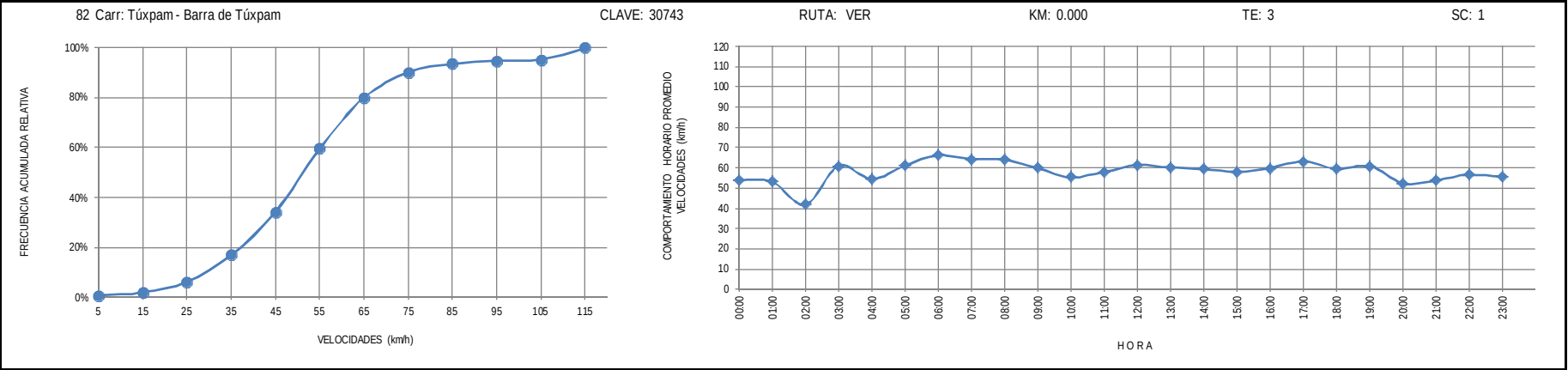
RUTA: VER

KM: 0.000

TE: 3

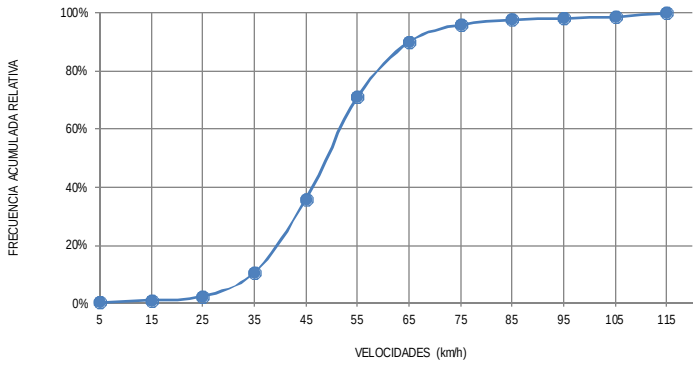
SC: 0





85 Carr: Poza Rica - María de La Torre

CLAVE: 30234



RUTA: MEX-127-VER

KM: 0.000

TE: 3

SC: 1

