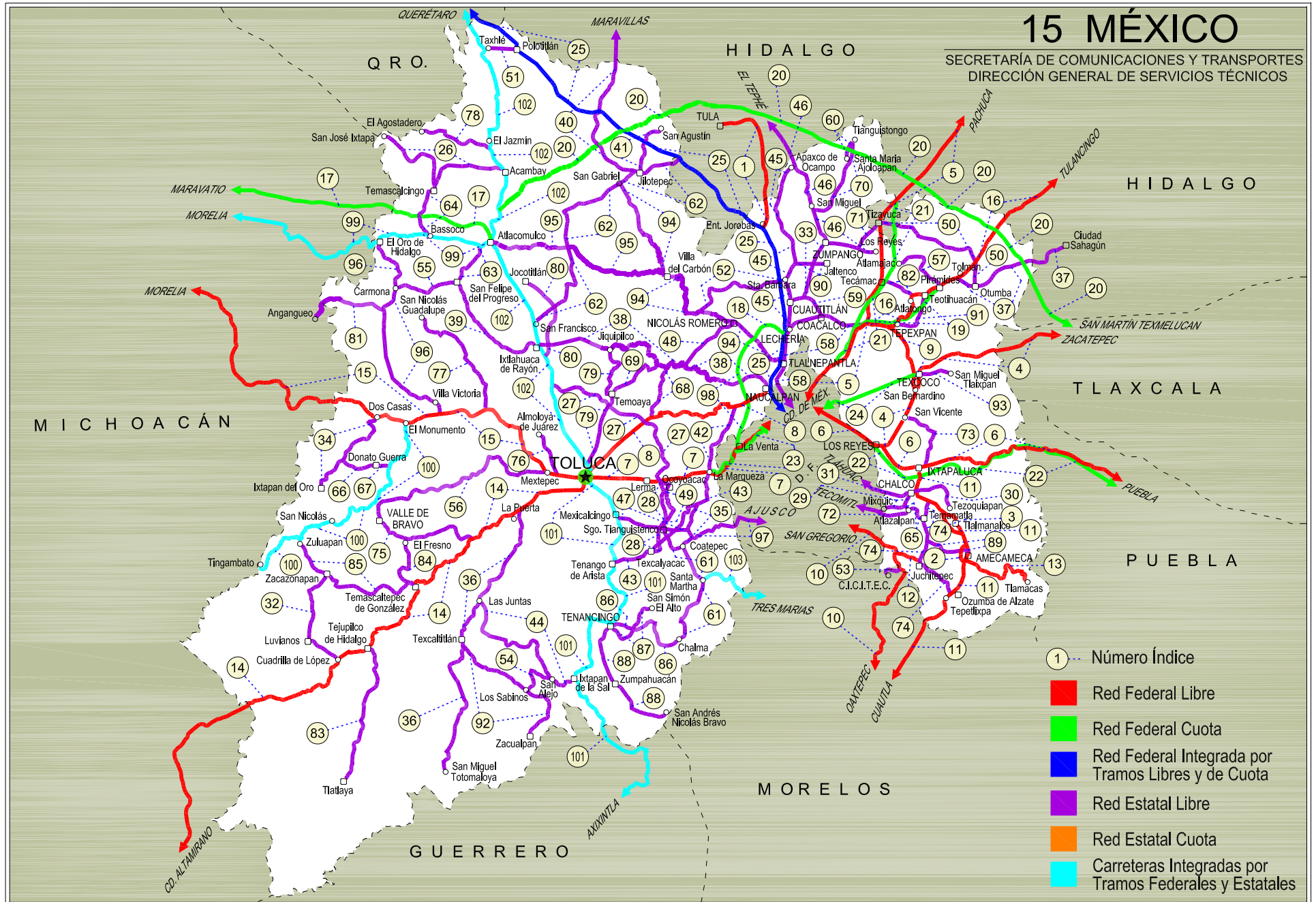


MEXICO

NO. INDICE	CARRETERA	ruta	NO. INDICE	CARRETERA	ruta
---RED FEDERAL LIBRE---			---RED ESTATAL LIBRE---		
1	Ent. Jorobas - Tula	MEX-087	52	Puente Grande - San José del Vidrio	EM-021
2	Libramiento de Amecameca	MEX-115	53	Ramal a C.I.C.I.T.E.C.	EM
3	Libramiento de Tlalmanalco de Velázquez	MEX-115	54	San Alejo - Los Sabinos	EM-007
4	Los Reyes - Zacatepec	MEX-136	55	San Felipe del Progreso - Carmona	EM-003
5	México - Pachuca (Libre)	MEX-085	56	San Luis Mexitepec - Valle de Bravo	EM-001
6	México - Puebla (Libre)	MEX-190	57	San Martín de Las Pirámides - San Miguel Atlamajac	EM
7	México - Toluca	MEX-015	58	San Pedro Barrientos - Ecatepec	EM
8	Naucalpan - Toluca	MEX-134	59	Santa Elena - Coacalco	EM
9	San Bernardino - Tepexpan	MEX-142	60	Santa María Ajoloapan - Tianguistongo	EM
10	San Gregorio - Oaxtepec	MEX-113	61	Santiago Tianguistenco - Chalma	EM-004
11	Santa Bárbara - Izúcar de Matamoros	MEX-115-160	62	Santo Domingo - T. C. (México - Querétaro)	EM-011-HGO
12	T. C. (San Gregorio - Oaxtepec) - Juchitepec	MEX-113	63	T. C. (Atlacomulco - Morelia) - San Felipe del Progreso	EM
13	T. C. (Santa Bárbara - Huajuapán) - Tlaxmacas	MEX-115	64	T. C. (Atlacomulco - Morelia) - Temascalcingo	EM-033
14	Toluca - Cd. Altamirano	MEX-134	65	T. C. (Chalco - Mixquic) - Temamatla	EM
15	Toluca - Morelia	MEX-015	66	T. C. (Dos Casas - Ixtapan del Oro) - Donato Guerra	EM-057
16	Venta de Carpio - T. C. (Pachuca - Tuxpam)	MEX-132	67	T. C. (El Monumento - Tingambato) - Donato Guerra	EM
---RED FEDERAL DE CUOTA---			68	T. C. (Ixtlahuaca de Rayón - Naucalpan) - Mayorazgo	EM-004
17	Atlacomulco - Maravatio (Cuota)	MEX-015D	69	T. C. (Ixtlahuaca de Rayón - Naucalpan) - Temoaya	EM
18	Chamapa - Lechería (Cuota)	MEX-057D	70	T. C. (Los Reyes - El Tephé) - Tianguistongo	EM
19	Ecatepec - Pirámides (Cuota)	MEX-132D	71	T. C. (Los Reyes - El Tephé) - Tizayuca	EM-HGO
20	Libramiento Norte de la Ciudad de México (Cuota)	MEX-040D	72	T. C. (México - Mixquic) - San Pablo Atlazalpan	EM-106-DF
21	México - Pachuca (Cuota)	MEX-085D	73	T. C. (México - Puebla (Libre)) - San Vicente	EM
22	México - Puebla (Cuota)	MEX-150D	74	T. C. (Santa Bárbara - Huajuapán) - Tepetitlaxpa	EM
23	México - Toluca (Cuota)	MEX-134D	75	T. C. (Toluca - Cd. Altamirano) - Valle de Bravo	EM
24	Peñón - Texcoco (Cuota)	MEX-136D	76	T. C. (Toluca - Morelia) - Almoloya de Juárez	EM-046
---RED FEDERAL INTEGRADA POR TRAMOS LIBRES Y DE CUOTA---			77	T. C. (Toluca - Morelia) - San Nicolás Guadalupe	EM-383
25	México - Querétaro (Cuota)	MEX-057-MEX-057D	78	T. C. (Toluca - Palmillas) - Agostadero	EM
---RED ESTATAL LIBRE---			79	T. C. (Toluca - Palmillas) - Jiquipilco	EM-053
26	Acambay - San José Ixtapa	EM	80	T. C. (Toluca - Palmillas) - Jocotitlán	EM
27	Amomolulco - T. C. (Toluca - Palmillas)	EM-036	81	T. C. (V. Victoria - El Oro de Hidalgo) - Angangueo	EM-003-MICH
28	Amomolulco - Texcalyacac	EM	82	Tecámac - Ent. Atlatongo	EM
29	Chalco - Mixquic	EM-DF	83	Tejupilco de Hidalgo - Tlatlaya	EM-008
30	Chalco - San Mateo Tezoquiapan	EM	84	Temascaltepec de González - El Fresno	EM-086
31	Chalco - Tláhuac	EM-DF	85	Temascaltepec de González - Zuluapan	EM-071
32	Cuadrilla de López - Zacazonapan	EM-050	86	Tenancingo - Chalma	EM
33	Cuautitlán - Zumpango de Ocampo	EM-035	87	Tenancingo - San Simón El Alto	EM
34	Dos Casas - Ixtapan del Oro	EM-002	88	Tenancingo de Degollado - San Andrés Nicolás Bravo	EM
35	Ent. Cruz de La Misión - San Nicolás Coatepec	EM-005	89	Tenango del Aire - Amecameca	EM
36	Ent. La Puerta - San Miguel Totolmaloya	EM-010	90	Teoloyucan - Jaltenco	EM
37	Ent. Tolman - Cd. Sahagún	EM-009-HGO	91	Tepexpan - San Juan Teotihuacán	EM
38	Ixtlahuaca de Rayón - Naucalpan	EM-003	92	Texcaltitlán - Zacualpan	EM-007
39	Ixtlahuaca de Rayón - San Felipe del Progreso	EM	93	Texcoco - San Miguel Tlaixpan	EM
40	Jilotepec - Maravillas	EM-HGO	94	Tlalnepantla - San Gabriel	EM-005-004
41	Jilotepec - San Agustín	EM	95	Villa del Carbón - Atlacomulco	EM-005
42	La Marquesa - Río Hondo	EM-005	96	Villa Victoria - El Oro de Hidalgo	EM-014-004
43	La Marquesa - Tenango de Arista	EM-006	97	Xalatlaco - El Ajusco	EM-DF
44	Las Juntas - Ixtapan de La Sal	EM-012	---RED ESTATAL DE CUOTA---		
45	Lechería - Apaxco	EM-006	98	La Venta - Chamapa (Cuota)	EM-D
46	Los Reyes - El Tephé	EM-HGO	---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---		
47	Mexicalcingo - Xalatlaco	EM-044	99	Atlacomulco - Morelia	EM-005-MEX-126
48	Nicolás Romero - T. C. (Ixtlahuaca de R. - Naucalpan)	EM-043	100	El Monumento - Tingambato	MEX-EM
49	Ocoyoacac - Santiago Tianguistenco	EM	101	Toluca - Axixintla	EM-MEX-055
50	Otumba - Tizayuca	EM-HGO	102	Toluca - Palmillas	EM(D)-MEX-055
51	Polotitlán - Taxhie	EM-623	103	Tres Marías - Santa Martha	MEX-106-EM

15 MÉXICO

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



MEXICO

1 CARR : Ent. Jorobas - Tula

CLAVE: 00159

ruta: MEX-087

AÑO : 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Querétaro (Cuota)	0.00	3	1	9091	55.3	61.4	82.1	8.0	53.3	59.4	87.9	9.6	53.6	54.4	80.3	6.5	19.834882	-99.243240
T. C. México - Querétaro (Cuota)	0.00	3	2	9278	65.1	74.1	89.7	10.6	64.8	73.5	85.0	10.5	59.7	68.5	84.2	9.7	19.834881	-99.243239
Lim. Edos. Term. Mex. Ppia. Hgo.	5.90																	
T. Der. Atotonilco	21.50	1	1	5336	55.1	61.1	80.8	7.8	52.6	58.4	86.1	9.7	53.7	54.2	79.9	6.1	19.962543	-99.244656
T. Der. Atotonilco	21.50	1	2	4976	65.0	73.9	89.3	10.4	65.0	73.8	87.1	10.7	58.1	64.4	83.0	8.3	19.962543	-99.244656
Tula de Allende	37.70	1	1	11213	55.7	61.8	83.2	8.3	52.9	58.4	85.3	9.4	53.8	54.2	79.3	5.9	20.054661	-99.305776
Tula de Allende	37.70	1	2	10915	65.4	74.4	89.8	10.6	65.0	73.8	84.8	10.3	57.8	63.6	83.7	8.2	20.054660	-99.305777

2 CARR : Libramiento de Amecameca

CLAVE:

ruta: MEX-115

AÑO : 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Sta. Barbara - Izucar de Matamoros	0.00	3	1	7817	93.5	105.2	122.6	13.0	79.0	91.5	104.1	13.1	80.0	92.9	112.6	13.8	19.143316	-98.775895
T. C. Sta. Barbara - Izucar de Matamoros	0.00	3	2	7082	80.5	88.9	101.3	10.1	69.7	75.9	89.2	9.4	69.7	77.7	90.3	10.1	19.143316	-98.775897
T. C. Sta. Barbara - Izucar de Matamoros	4.80	1	0	13363	61.6	70.2	84.2	10.1	60.0	67.6	80.8	9.4	58.1	66.5	84.0	10.9	19.115043	-98.782929

3 CARR : Libramiento de Tlalmanalco de Velázquez

CLAVE:

ruta: MEX-115

AÑO : 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Sta. Bárbara - Izúcar de Matamoros (Norte)	0.00	3	1	8905	68.8	91.8	118.1	18.2	63.0	77.9	104.0	12.2	63.4	78.9	110.6	13.3	19.204674	-98.820764
T. C. Sta. Bárbara - Izúcar de Matamoros (Norte)	0.00	3	2	9447	87.2	99.2	115.0	12.8	75.1	85.2	101.6	10.8	74.9	88.6	105.9	13.5	19.204676	-98.820763
T. C. Sta. Bárbara - Izúcar de Matamoros (Sur)	4.40	1	1	9754	112.2	130.5	142.9	16.8	111.4	136.4	143.9	21.8	109.4	136.1	143.8	23.6	19.190104	-98.802434
T. C. Sta. Bárbara - Izúcar de Matamoros (Sur)	4.40	1	2	10050	76.0	88.5	102.2	13.7	67.3	78.4	92.9	12.4	66.1	78.7	94.6	13.8	19.190106	-98.802436

4 CARR : Los Reyes - Zacatepec

CLAVE: 00052

ruta: MEX-136

AÑO : 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Puebla (Libre)	0.00																	
T. Izq. La Magdalena	3.35	3	1	43751	64.2	73.7	92.7	11.0	61.3	70.0	84.0	10.2	57.9	68.7	89.0	12.2	19.378717	-98.941852
T. Izq. La Magdalena	3.35	3	2	45482	57.1	64.3	80.0	9.5	52.6	59.3	72.7	9.0	49.9	58.2	73.5	10.3	19.378992	-98.942016
T. Izq. Chimalhuacán	8.45	1	1	31417	64.5	73.9	93.3	11.1	61.5	70.3	83.9	10.2	56.5	66.7	86.6	11.7	19.413104	-98.920179
T. Izq. Chimalhuacán	8.45	1	2	32680	57.2	64.3	80.1	9.5	52.5	59.3	72.7	9.0	49.0	57.3	72.9	10.4	19.413230	-98.920294
T. C. San Bernardino - Tepexpan	17.00	3	1	17081	63.5	72.7	90.6	10.9	60.9	69.6	82.8	10.2	56.9	66.4	83.8	11.3	19.484223	-98.886125

MEXICO

4 C A R R : Los Reyes - Zacatepec

CLAVE: 00052

RUTA: MEX-136

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 Bernardino - Tepexpan	17.00	3	2	17219	56.7	63.8	78.5	9.2	52.1	59.0	72.7	9.2	49.0	57.6	72.9	10.6	19.484393	-98.886269
Texcoco	23.02	3	1	18097	102.0	122.7	140.6	19.9	89.4	111.6	136.2	21.4	73.7	102.1	131.2	24.5	19.522564	-98.866315
Texcoco	23.02	3	2	17592	83.4	96.4	119.4	14.5	69.1	80.7	95.0	13.1	64.7	80.4	95.2	15.5	19.522913	-98.866260
T. Izq. Tepetlaoxtoc	30.03	1	1	14804	103.2	123.0	140.6	19.1	89.7	112.2	136.7	21.6	71.6	98.3	127.9	23.5	19.546060	-98.826042
T. Izq. Tepetlaoxtoc	30.03	1	2	14594	83.3	96.6	119.2	14.7	69.0	80.6	94.7	13.1	64.1	80.2	94.7	16.0	19.546138	-98.825925
T. Der. Totolapan	42.00	3	1	5676	102.7	122.4	140.3	19.1	85.6	107.8	127.5	20.4	68.7	93.7	122.7	22.3	19.558005	-98.727492
T. Der. Totolapan	42.00	3	2	5809	83.0	96.3	119.3	14.9	68.4	80.0	95.0	13.0	63.5	79.8	94.4	16.2	19.558005	-98.727492
Lim. Edos. Term. Mex. Ppia. Tlax.	43.15																	
Calpulalpan	59.58	3	0	15408	67.1	76.3	107.2	12.4	63.8	71.8	83.6	9.3	63.3	71.4	87.3	9.9	19.588102	-98.550057
T. Der. Nanacamilpa	71.76	3	0	13379	67.3	76.7	110.7	12.6	64.0	71.9	83.7	9.2	63.4	71.5	87.7	10.0	19.525155	-98.479303
X. C. Arco Norte de La Ciudad de México	73.80	3	1	6260	87.4	118.0	140.5	26.8	82.7	121.8	143.1	27.8	80.7	113.8	142.0	25.6	19.513699	-98.455352
X. C. Arco Norte de La Ciudad de México	73.80	3	2	6445	110.1	130.7	143.2	17.9	96.2	109.6	137.6	14.1	94.1	105.0	130.7	13.2	19.513699	-98.455352
Hueyotlipan	88.21	3	1	6507	84.7	94.7	109.6	11.4	73.7	83.1	94.7	10.7	71.1	81.5	93.7	11.8	19.468339	-98.328100
Hueyotlipan	88.21	3	2	6898	88.3	100.8	118.1	13.4	76.1	85.1	101.6	11.0	71.3	82.5	98.2	12.6	19.468339	-98.328100
Xaltocan	108.10	1	1	7853	106.0	122.3	141.0	15.6	97.3	110.2	132.1	13.6	93.4	105.6	124.5	13.6	19.424840	-98.217380
Xaltocan	108.10	1	2	8031	91.4	109.6	131.7	18.1	80.6	96.8	118.5	16.4	76.9	92.7	114.0	15.8	19.424840	-98.217380
Apizaco	117.74	1	1	24302	52.1	59.4	72.0	9.0	48.7	53.9	64.4	8.2	47.2	54.0	65.0	9.2	19.414098	-98.161828
Apizaco	117.74	1	2	23356	65.3	73.0	83.8	9.7	59.5	68.5	81.4	10.7	54.0	67.2	81.0	14.1	19.414101	-98.161822
Apizaco	117.74	3	0	24517	42.4	46.8	54.5	7.3	40.0	44.8	54.1	8.1	38.7	44.5	54.1	8.7	19.412970	-98.134015
T. Der. Cuaxomulco	119.85	3	1	9614	59.8	64.7	75.1	8.4	55.3	60.9	71.9	6.7	53.4	61.2	73.1	9.4	19.410530	-98.109322
T. Der. Cuaxomulco	119.85	3	2	9681	63.7	71.9	84.8	9.7	63.5	71.8	83.8	10.0	59.7	70.2	83.1	12.0	19.410530	-98.109322
T. Izq. Xalostoc	126.67	3	1	9867	93.7	104.8	122.3	12.5	81.8	91.9	102.7	11.7	78.8	89.5	103.3	12.2	19.389799	-98.052676
T. Izq. Xalostoc	126.67	3	2	9679	97.6	135.4	143.7	25.2	91.5	135.7	143.8	24.2	87.4	128.4	143.6	24.2	19.389799	-98.052676
T. Izq. Libramiento de Huamantla	141.70	1	1	9230	86.2	100.1	121.7	14.4	80.6	91.8	104.1	12.3	77.3	88.0	103.9	12.0	19.319543	-97.944050
T. Izq. Libramiento de Huamantla	141.70	1	2	8785	70.9	90.7	112.4	19.2	67.2	81.5	95.7	14.7	64.1	79.4	96.7	15.3	19.319543	-97.944055
Huamantla	143.02	3	1	5370	87.0	100.5	119.9	13.9	78.2	88.8	102.7	11.9	75.3	86.7	104.2	12.2	19.315529	-97.888265
Huamantla	143.02	3	2	5438	82.6	95.9	114.8	14.4	72.6	83.2	94.4	11.9	66.1	79.5	94.3	13.8	19.315529	-97.888265
X. C. Amozoc - Perote (Cuota)	156.76	1	1	5920	86.9	100.5	120.3	14.0	78.1	88.4	101.1	11.6	74.8	85.7	103.7	12.1	19.308251	-97.809838
X. C. Amozoc - Perote (Cuota)	156.76	1	2	5909	81.3	94.6	114.5	14.7	71.7	82.7	94.1	12.2	65.4	78.5	93.8	13.6	19.308251	-97.809840
T. Der. Cuapiaxtla	159.40	1	0	10146	67.6	78.4	105.3	13.0	60.8	67.8	81.9	9.0	57.4	66.0	82.9	10.6	19.303158	-97.778280
X. C. Amozoc - Teziutlán	173.47	1	0	9392	42.5	47.9	63.5	8.6	40.1	44.6	54.0	7.5	35.5	40.1	52.4	6.0	19.327067	-97.652905
X. C. Amozoc - Teziutlán	173.47	3	0	8129	44.3	52.4	74.0	10.4	40.3	46.5	55.1	8.4	37.7	43.4	57.3	8.0	19.321258	-97.643488
Lim. Edos. Term. Tlax. Ppia. Pue.	177.57																	
Zacatepec	187.67	1	0	9182	94.8	136.2	143.8	26.6	92.7	137.5	144.0	29.5	83.9	107.7	142.6	20.9	19.269834	-97.540571

MEXICO

5 CARR : México - Pachuca (Libre)

CLAVE: 00431

ruta : MEX-085

AÑO : 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
México	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	9.89																	
T. Der. Pirámides	26.93	1	0	24497	46.5	55.2	73.8	10.5	42.9	51.7	68.2	10.6	41.7	51.5	73.2	12.0	19.613699	-99.016522
Venta de Carpio	27.00	3	1	24055	57.0	64.0	111.3	11.7	50.7	54.6	63.7	7.6	48.7	54.4	68.8	9.0	19.626979	-99.002613
Venta de Carpio	27.00	3	2	23783	56.5	64.1	84.6	10.4	51.7	58.3	70.1	8.8	49.2	55.7	72.1	9.6	19.626987	-99.002749
T. Der. Autopista México - Tecámac (Cuota)	37.52	1	1	21935	59.4	68.2	83.9	10.5	55.9	62.6	73.7	8.1	53.5	61.8	79.0	9.8	19.701265	-98.979789
T. Der. Autopista México - Tecámac (Cuota)	37.52	1	2	20706	59.2	68.3	84.8	11.2	57.3	64.7	74.7	9.6	54.7	63.9	81.2	10.8	19.701265	-98.979789
T. Izq. Zumpango	44.68	1	0	28849	55.8	63.0	80.1	8.9	54.5	60.6	74.9	7.7	53.5	60.6	82.4	9.7	19.763771	-98.973455
T. Izq. Zumpango	44.68	3	0	18805	55.0	62.3	80.5	8.7	53.6	58.4	73.9	7.3	54.5	61.0	84.2	8.9	19.771930	-98.973089
Lim. Edos. Term. Mex. Ppia. Hgo.	49.30																	
Tizayuca	52.50	3	0	15895	56.9	63.6	79.3	8.8	52.9	59.6	73.1	8.4	50.6	57.1	73.9	10.0	19.859553	-98.966984
T. C. México - Tizayuca (Cuota)	61.00	3	1	20892	93.1	111.7	133.0	17.7	90.2	102.2	124.4	14.3	85.6	98.6	122.9	14.4	19.894149	-98.932589
T. C. México - Tizayuca (Cuota)	61.00	3	2	19931	93.4	114.6	136.9	20.2	89.8	104.0	129.7	17.4	85.4	102.4	127.0	18.1	19.894149	-98.932590
X. C. Arco Norte de La Ciudad de México	64.20	1	1	17425	97.5	113.6	133.9	16.0	93.7	103.4	126.0	11.9	89.5	100.8	124.2	13.0	19.923818	-98.900435
X. C. Arco Norte de La Ciudad de México	64.20	1	2	16702	99.1	117.4	138.1	17.7	96.1	106.1	132.0	13.0	91.8	104.4	129.7	14.6	19.923818	-98.900435
X. C. Arco Norte de La Ciudad de México	64.20	3	1	18042	97.5	113.6	133.9	16.0	93.8	103.5	126.2	11.9	89.6	101.4	124.4	13.3	19.930734	-98.891515
X. C. Arco Norte de La Ciudad de México	64.20	3	2	17224	99.3	117.6	138.2	17.7	96.2	106.2	132.0	13.0	91.6	104.7	130.2	15.0	19.930734	-98.891515
Ent. Colonia	83.97	1	1	28349	97.9	114.0	134.2	16.0	93.7	103.4	126.1	12.0	90.8	103.5	127.3	13.9	20.052690	-98.788675
Ent. Colonia	83.97	1	2	29041	99.2	117.5	138.1	17.7	96.2	106.1	131.7	12.9	93.2	107.6	132.9	15.1	20.052690	-98.788675
X. C. Libramiento de Pachuca	86.50	1	1	30036	97.4	113.6	133.9	16.0	93.7	103.1	125.1	11.7	89.4	101.0	124.5	13.3	20.097715	-98.765964
X. C. Libramiento de Pachuca	86.50	1	2	31684	99.3	117.6	138.1	17.7	96.4	106.3	132.0	12.9	91.8	104.8	130.9	15.2	20.097711	-98.765963
Pachuca	94.00																	

6 CARR : México - Puebla (Libre)

CLAVE: 00449

ruta : MEX-190

AÑO : 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
México	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	18.66																	
T. Der. Chalco	28.85	1	1	38675	49.8	53.3	64.7	7.6	48.2	52.9	62.7	8.2	47.2	52.8	64.6	9.1	19.311154	-98.902078
T. Der. Chalco	28.85	1	2	36793	54.2	54.6	76.7	5.5	54.6	54.5	74.2	4.7	52.6	54.1	77.1	7.2	19.311358	-98.902086
T. Der. Chalco	28.85	3	1	16024	42.6	44.8	54.2	6.1	37.1	41.6	51.7	6.4	37.7	42.0	52.4	6.6	19.312168	-98.897250
T. Der. Chalco	28.85	3	2	14632	52.7	59.8	73.7	8.9	47.3	53.9	65.3	9.2	45.7	53.0	70.4	9.0	19.312168	-98.897250
Ixtapaluca	31.06	3	1	17577	52.5	55.9	64.8	6.8	45.9	51.0	60.0	6.7	47.4	51.8	54.9	6.9	19.315714	-98.875350
Ixtapaluca	31.06	3	2	17050	49.7	53.2	62.4	7.2	44.6	50.8	54.4	7.7	44.4	51.4	54.9	9.0	19.315826	-98.875366

MEXICO

6 C A R R : México - Puebla (Libre)

CLAVE: 00449

RUTA: MEX-190

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. C. México - Puebla (Cuota) (Río Frío)	62.06	1	0	3380	58.2	67.7	84.6	11.3	54.0	59.7	74.5	8.0	51.2	58.3	75.4	10.0	19.349331	-98.671068
T. Der. C. México - Puebla (Cuota) (Río Frío)	62.06	3	0	1091	56.9	63.6	74.6	9.0	53.9	60.0	68.1	7.8	51.8	59.3	70.0	9.4	19.352690	-98.662334
Lim. Edos. Term. Mex. Ppia. Pue.	62.98																	
San Martín Texmelucan	70.00	1	0	10521	44.6	50.2	79.6	9.0	40.2	48.7	54.3	9.4	41.5	49.9	55.0	10.4	19.301537	-98.452771
X. C. México - Puebla (Cuota)	74.10	3	0	18762	41.8	44.6	103.0	9.7	36.2	39.4	52.8	5.3	34.3	39.8	53.3	7.0	19.272027	-98.432210
Huejotzingo	88.00	1	1	6050	39.6	41.9	76.2	7.7	35.8	35.0	53.0	4.8	34.7	35.8	51.9	5.0	19.176102	-98.414584
Huejotzingo	88.00	1	2	6113	44.2	49.6	118.1	11.3	38.0	46.4	53.9	7.0	36.0	42.3	53.5	6.6	19.176102	-98.414584
Huejotzingo	88.00	3	1	6286	39.6	41.8	76.1	7.7	36.0	37.0	53.1	5.0	34.3	35.7	52.0	5.5	19.149019	-98.398359
Huejotzingo	88.00	3	2	6252	44.1	49.3	119.2	11.4	38.0	46.2	53.8	7.1	35.6	42.7	53.5	6.8	19.149019	-98.398359
T. Izq. Aeropuerto	92.80	1	1	6439	39.6	41.8	75.2	7.7	35.3	35.2	51.3	4.1	34.2	36.0	52.5	6.0	19.136727	-98.377548
T. Izq. Aeropuerto	92.80	1	2	6406	44.1	49.4	118.5	11.4	37.0	42.2	53.2	6.1	35.5	43.6	53.6	7.1	19.136727	-98.377548
T. Der. Cholula	101.00	1	1	10693	39.6	41.9	74.5	7.7	35.3	35.2	51.2	4.0	33.9	36.2	52.7	6.4	19.076136	-98.321470
T. Der. Cholula	101.00	1	2	10400	44.1	49.4	118.4	11.3	37.0	42.1	53.2	6.1	35.2	43.8	53.7	7.1	19.076136	-98.321470
T. Der. Cholula	101.00	3	1	16975	39.6	41.9	72.6	7.6	35.1	35.0	50.3	3.8	33.9	35.3	52.4	6.2	19.070194	-98.312194
T. Der. Cholula	101.00	3	2	16481	44.0	49.4	118.4	11.4	36.9	41.8	53.4	6.2	35.5	45.0	53.8	7.4	19.070194	-98.312194
Puebla	131.00																	

7 C A R R : México - Toluca

CLAVE: 00447

RUTA: MEX-015

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
México	0.00																	
Ent. Constituyentes y Reforma	12.84	3	1	24983	66.5	82.1	101.5	15.7	59.2	72.0	91.7	12.4	55.6	66.9	87.1	10.9	19.383143	-99.251604
Ent. Constituyentes y Reforma	12.84	3	2	25491	55.0	71.5	87.2	16.0	51.5	63.3	78.5	13.1	52.7	61.7	75.8	10.6	19.383145	-99.251605
T. Der. Cuajimalpa (1º Acceso)	20.56	1	1	26804	66.2	81.8	101.3	15.7	59.2	71.8	91.3	12.2	56.4	68.3	87.6	11.3	19.364795	-99.276354
T. Der. Cuajimalpa (1º Acceso)	20.56	1	2	26327	55.8	71.9	87.0	16.1	52.1	63.6	78.4	12.7	53.2	62.8	77.3	10.9	19.364793	-99.276356
T. Izq. Desierto de Los Leones	23.96	1	1	31380	80.0	90.1	108.9	12.0	76.1	84.6	99.9	10.3	72.5	84.0	102.1	13.2	19.339047	-99.311145
T. Izq. Desierto de Los Leones	23.96	1	2	31785	63.2	76.1	98.5	14.4	58.8	70.4	84.3	12.8	55.3	68.3	85.7	13.9	19.339049	-99.311147
Lim. Edos. Term. D. F. Ppia. Mex.	33.44																	
T. Der. Huixquilucan	33.98	1	1	26833	80.1	90.2	109.7	12.1	74.0	82.7	93.2	9.9	74.0	84.3	101.2	12.0	19.298065	-99.363665
T. Der. Huixquilucan	33.98	1	2	26321	63.6	76.5	99.3	14.3	59.3	67.3	79.5	9.4	57.3	69.3	84.9	13.1	19.298067	-99.363668
X. C. Amomolulco - Stgo. Tianguistenco	47.26	1	1	39731	99.6	108.4	122.5	10.7	93.5	100.7	112.3	8.7	91.1	101.8	114.7	12.0	19.282393	-99.479651
X. C. Amomolulco - Stgo. Tianguistenco	47.26	1	2	38814	80.4	108.8	141.5	25.8	80.2	112.2	143.3	26.4	76.9	104.7	142.5	25.0	19.282041	-99.479647
T. Der. Lerma - Izq. San Pedro Tultepec	51.71	1	1	62638	89.2	100.0	124.6	12.4	88.0	95.9	141.3	13.5	84.0	93.7	140.5	13.9	19.284219	-99.501616
T. Der. Lerma - Izq. San Pedro Tultepec	51.71	1	2	62992	89.2	100.0	123.5	12.2	86.2	93.6	138.3	11.4	85.3	94.8	141.8	14.7	19.280368	-99.502211

MEXICO

7 C A R R : México - Toluca

CLAVE: 00447

RUTA: MEX-015

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. San Mateo Atenco (Alta)	52.00	3	1	65633	101.1	108.8	123.1	10.0	99.4	107.2	121.6	10.4	92.8	106.3	122.0	16.3	19.285980	-99.535486
T. Izq. San Mateo Atenco (Baja)	52.00	3	1	14884	53.9	70.1	87.4	17.3	56.1	67.1	91.1	13.4	51.2	63.2	82.5	14.1	19.285975	-99.535484
T. Izq. San Mateo Atenco (Alta)	52.00	3	2	67706	106.7	120.6	139.7	14.0	119.1	137.8	144.0	16.7	114.5	137.6	144.0	19.7	19.285618	-99.537483
T. Izq. San Mateo Atenco (Baja)	52.00	3	2	15918	53.0	66.6	85.8	14.7	57.0	67.1	84.1	11.4	50.7	63.1	83.0	13.6	19.285617	-99.537475
X. C. Libramiento de Toluca (Baja)	62.20	1	1	13465	63.6	75.1	96.3	13.7	61.5	74.0	92.8	14.0	54.8	66.7	88.3	12.5	19.288180	-99.620753
X. C. Libramiento de Toluca (Alta)	62.20	1	1	63500	82.9	94.4	121.3	13.7	76.0	90.7	102.1	14.8	0.0	0.0	0.0		19.288182	-99.620752
X. C. Libramiento de Toluca (Baja)	62.20	1	2	14655	59.1	66.6	84.7	10.1	57.0	63.7	82.3	9.1	54.7	61.7	79.4	8.6	19.287773	-99.621637
X. C. Libramiento de Toluca (Alta)	62.20	1	2	62197	86.9	96.3	115.0	11.6	78.1	90.2	101.6	13.2	0.0	0.0	0.0		19.287777	-99.621628
Toluca	66.00																	

8 C A R R : Naucalpan - Toluca

CLAVE: 15056

RUTA: MEX-134

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. México - Querétaro (Cuota) (Paso Inferior)	0.00																	
T. Der. Loma Linda	3.13	3	1	38646	46.7	54.4	69.5	10.9	57.4	94.1	139.1	23.9	45.1	54.3	123.8	16.0	19.459269	-99.256638
T. Der. Loma Linda	3.13	3	2	39259	44.6	54.1	121.5	14.3	69.6	111.4	140.8	30.4	48.3	70.4	131.8	22.1	19.459269	-99.256641
T. Izq. Chichicarpa	12.72	3	0	12622	56.6	60.9	89.8	8.1	49.6	54.0	63.8	8.1	47.6	53.1	63.1	8.6	19.438084	-99.329860
T. Der. Xolotepec	39.46	3	0	11299	62.0	73.9	103.2	13.8	58.8	69.9	85.6	11.3	58.0	69.7	90.9	12.2	19.415974	-99.487510
X. Lib. Nororient de Toluca (Cuota)	51.00	1	1	11660	73.4	92.7	117.7	18.7	68.6	85.4	96.8	14.9	67.3	83.2	101.2	14.8	19.395472	-99.533350
X. Lib. Nororient de Toluca (Cuota)	51.00	1	2	11673	74.9	85.3	111.3	12.6	65.5	74.7	87.8	10.8	65.9	75.1	91.4	11.3	19.395293	-99.533191
X. C. Lib. Nororient de Toluca (Cuota)	51.00	3	1	17214	68.4	74.7	86.4	9.2	59.2	64.8	77.2	8.7	59.6	66.3	78.7	9.0	19.376423	-99.557105
X. C. Lib. Nororient de Toluca (Cuota)	51.00	3	2	18175	108.5	128.2	142.7	17.8	104.5	129.0	143.2	19.8	95.5	121.7	142.2	22.2	19.376423	-99.557105
T. Izq. El Cerrillo	53.18	3	1	16248	52.1	61.5	82.7	11.6	52.1	58.5	71.2	8.7	52.7	59.2	72.5	8.7	19.364647	-99.571722
T. Izq. El Cerrillo	53.18	3	2	16964	62.7	73.1	92.6	11.7	64.3	76.0	91.8	11.9	64.6	75.9	92.7	11.9	19.364651	-99.571376
T. C. Toluca - Palmillas	63.30	1	1	27144	50.4	54.4	68.9	8.2	47.9	54.0	79.2	9.6	48.6	57.1	87.2	11.8	19.317136	-99.630690
T. C. Toluca - Palmillas	63.30	1	2	27689	60.9	71.9	92.8	12.6	62.0	75.9	112.7	15.8	57.5	70.3	102.0	14.5	19.317133	-99.630691

9 C A R R : San Bernardino - Tepexpan

CLAVE: 15053

RUTA: MEX-142

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. Los Reyes - Zacatepec	0.00	3	1	22188	81.1	89.3	105.0	10.5	74.7	84.1	94.1	10.6	70.9	81.6	94.5	11.9	19.481484	-98.894645
T. C. Los Reyes - Zacatepec	0.00	3	2	22101	75.5	84.0	103.1	10.6	66.8	73.5	83.6	8.4	66.5	74.6	89.9	10.2	19.481194	-98.894710
T. Der. Texcoco	2.08	1	1	24411	81.2	89.2	104.8	10.4	74.8	83.4	93.4	9.9	71.1	81.4	94.2	11.7	19.499979	-98.895215

MEXICO

9 C A R R : San Bernardino - Tepexpan

CLAVE: 15053

RUTA: MEX-142

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. Texcoco	2.08	1	2	24412	75.4	83.8	102.5	10.5	64.9	71.3	81.6	7.4	66.9	74.9	90.6	10.3	19.500844	-98.895261
T. Der. Texcoco	2.08	3	1	23414	80.9	88.9	104.6	10.4	76.0	84.8	98.4	10.7	71.4	81.9	94.7	11.9	19.511278	-98.894050
T. Der. Texcoco	2.08	3	2	24100	75.5	84.0	103.0	10.7	67.8	74.8	89.0	9.5	66.8	74.9	90.8	10.3	19.512955	-98.894481
X. C. Chiconcuac - San Francisco Acuexcomac	10.80	1	1	24578	63.7	67.7	76.7	6.3	59.8	63.5	73.7	7.0	56.6	61.4	71.7	6.6	19.554064	-98.912126
X. C. Chiconcuac - San Francisco Acuexcomac	10.80	1	2	25124	61.1	69.6	83.2	10.2	55.6	61.8	73.8	7.6	52.5	60.8	74.8	9.8	19.556919	-98.912041
T. Der. Ent. Morelos - Pir Mides (Cuota)	22.38	1	1	23333	70.7	80.2	93.9	11.0	69.8	76.6	84.5	9.5	63.6	72.6	84.6	10.2	19.602443	-98.941698
T. Der. Ent. Morelos - Pir Mides (Cuota)	22.38	1	2	23473	82.0	96.7	122.4	15.3	83.6	97.0	112.2	13.9	72.3	89.1	113.8	16.6	19.603233	-98.943258
T. C. Venta de Carpio - T. C. (Pachuca - Tulancingo)	23.12	1	1	20626	70.6	80.2	93.9	11.0	70.0	76.8	84.6	9.3	62.5	71.6	84.3	10.1	19.612561	-98.955640
T. C. Venta de Carpio - T. C. (Pachuca - Tulancingo)	23.12	1	2	20060	81.8	96.7	122.4	15.4	84.4	98.1	114.5	14.0	70.4	87.0	113.1	16.5	19.612550	-98.955674

10 C A R R : San Gregorio - Oaxtepec

CLAVE: 00901

RUTA: MEX-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
San Gregorio	0.00	3	0	8753	67.9	79.2	93.6	12.5	60.0	71.3	85.9	11.8	60.9	72.5	92.9	12.1	19.244733	-99.054638
X. C. Milpa Alta - San Lorenzo Tlacoyucan	9.00	3	0	7112	67.3	78.7	93.2	12.6	59.7	71.2	86.3	12.0	62.7	74.7	94.3	13.8	19.180614	-99.029583
Lim. Edos. Term. D. F. Ppia. Mex.	18.80																	
Lim. Edos. Term. Mex. Ppia. Mor.	28.50																	
T. Der. San Felipe Neri	33.80	1	0	6387	63.1	74.8	94.3	12.8	60.6	72.1	85.5	12.0	56.8	65.6	83.5	9.3	19.045175	-98.935533
T. Der. Tlalnepantla	40.50	3	0	5202	34.5	37.9	45.0	5.3	34.1	34.9	53.2	6.2	35.0	44.8	53.7	7.9	19.004177	-98.990124
Tlayacapan	48.50	3	0	9536	48.5	53.9	64.9	8.5	48.0	53.1	66.1	8.5	50.0	53.2	61.8	8.2	18.940673	-98.974914
T. Der. Yautepec	53.00	3	0	12838	48.3	53.8	64.7	8.5	47.7	52.8	65.0	8.2	47.9	52.9	63.8	8.3	18.920742	-98.970910
Oaxtepec	56.00																	

11 C A R R : Santa Bárbara - Izúcar de Matamoros

CLAVE: 00451

RUTA: MEX-115-160

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. México - Puebla (Libre)	0.00	3	1	21601	54.8	62.1	75.5	8.3	60.7	72.1	108.2	13.6	57.1	66.1	104.1	11.8	19.310910	-98.896827
T. C. México - Puebla (Libre)	0.00	3	2	21615	44.0	51.2	68.2	8.8	49.5	63.2	84.8	13.7	45.1	55.7	81.4	12.7	19.311091	-98.896788
X. C. México - Puebla (Cuota)	3.61	1	1	19838	68.2	76.7	93.2	10.6	68.5	77.2	92.5	10.5	65.7	75.6	93.2	11.4	19.294613	-98.882131
X. C. México - Puebla (Cuota)	3.61	1	2	22006	59.3	66.1	80.7	9.4	54.3	62.0	76.8	9.1	52.8	60.4	74.7	9.3	19.294607	-98.882133
X. C. México - Puebla (Cuota)	3.61	3	1	38617	68.0	76.4	93.1	10.6	68.1	76.9	92.8	10.6	65.6	75.4	92.9	11.1	19.285596	-98.880455
X. C. México - Puebla (Cuota)	3.61	3	2	38529	59.3	66.3	80.8	9.5	54.1	61.8	77.3	9.2	53.2	60.7	75.0	9.1	19.285590	-98.880247
Chalco	8.00	3	1	28043	69.6	79.4	93.6	11.4	67.7	75.9	89.7	10.4	63.5	72.7	85.4	10.0	19.249901	-98.874788

MEXICO

11 C A R R : Santa Bárbara - Izúcar de Matamoros

CLAVE: 00451

ruta: MEX-115-160

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
Chalco	8.00	3	2	29009	61.3	68.7	82.1	8.8	56.6	62.1	73.8	7.1	53.6	59.5	73.1	8.0	19.249901	-98.874785
T. Der. Juchitepec	12.46	3	1	13030	92.5	111.6	133.7	17.8	78.7	97.4	119.4	17.0	82.1	102.6	126.0	18.5	19.239541	-98.854686
T. Der. Juchitepec	12.46	3	2	13393	82.4	99.5	125.8	15.0	72.2	87.1	113.8	14.4	76.4	95.5	120.4	16.3	19.239546	-98.854692
Tlalmanalco	20.51	3	0	7433	58.3	65.8	83.7	9.8	50.0	55.7	74.4	10.7	50.3	62.3	84.1	13.8	19.199133	-98.799367
Amecameca de Juárez	28.00	1	1	22392	40.3	46.0	55.2	8.4	41.6	47.8	58.9	8.5	41.3	50.5	62.5	10.9	19.144211	-98.774505
Amecameca de Juárez	28.00	1	2	21574	41.4	49.5	60.9	10.0	44.7	49.6	55.6	6.0	41.7	50.0	60.9	10.3	19.144211	-98.774505
Amecameca de Juárez	28.00	3	1	10787	65.8	75.5	94.0	12.1	62.0	69.3	86.4	9.0	60.1	69.6	90.0	10.4	19.107855	-98.778263
Amecameca de Juárez	28.00	3	2	11213	69.8	79.3	94.5	11.1	64.3	72.0	82.9	8.9	63.0	72.2	86.7	10.8	19.107855	-98.778263
T. Izq. Ozumba (1º Acceso)	38.81	1	0	16958	57.1	64.7	82.4	9.8	53.2	61.8	76.3	9.7	53.3	62.4	83.7	11.2	19.057839	-98.787070
T. Izq. Ozumba (1º Acceso)	38.81	3	0	13726	43.6	49.0	61.0	7.3	41.8	48.4	59.6	8.6	39.8	47.2	61.9	9.9	19.052761	-98.789780
Tepetlixpa	42.29	3	0	11994	48.1	61.4	83.1	16.4	49.7	56.3	126.4	15.9	48.7	54.6	80.4	13.8	19.018222	-98.824485
Lim. Edos. Term. Mex. Ppia. Mor.	51.70																	
T. Der. Atlatlahucan	58.95	1	0	10449	48.5	54.0	65.0	8.5	48.1	53.2	66.2	8.5	50.0	53.1	60.5	7.8	18.934268	-98.884823
T. Izq. Tetela del Volcán	62.99	1	0	15431	52.6	57.8	68.4	7.7	47.2	52.1	62.2	7.2	43.4	51.7	64.1	10.0	18.899252	-98.907577
T. Izq. Libramiento de Cuautla (1º Acceso)	67.00	1	1	12856	56.5	63.4	74.5	9.0	51.8	57.7	69.6	8.2	49.5	57.1	70.6	9.6	18.878166	-98.921423
T. Izq. Libramiento de Cuautla (1º Acceso)	67.00	1	2	12940	62.6	71.5	90.2	10.7	66.0	81.3	102.6	14.3	60.9	81.0	111.1	18.7	18.878166	-98.921423
T. Der. La Pera	68.90	1	1	23736	43.4	49.0	57.5	7.3	41.9	47.7	55.6	7.9	38.9	46.3	56.2	9.2	18.853686	-98.936397
T. Der. La Pera	68.90	1	2	22933	47.4	52.2	63.5	7.0	49.8	57.6	75.7	10.1	46.9	56.6	79.1	11.6	18.853686	-98.936396
T. Izq. Libramiento de Cuautla (2º Acceso)	77.05	3	1	15675	73.0	92.4	110.1	19.8	71.3	87.7	101.9	17.9	60.3	80.8	98.1	16.2	18.784731	-98.904354
T. Izq. Libramiento de Cuautla (2º Acceso)	77.05	3	2	15390	65.9	89.1	107.9	22.9	69.1	84.7	123.1	18.6	57.3	75.6	104.9	18.6	18.784731	-98.904351
T. Der. Tlayecac	85.06	3	1	9649	66.5	73.0	83.5	8.6	55.6	62.3	72.4	8.3	55.8	63.4	74.7	9.2	18.760406	-98.880566
T. Der. Tlayecac	85.06	3	2	9576	72.6	80.0	91.2	9.0	61.1	64.8	75.2	7.9	57.6	64.8	81.8	9.9	18.760406	-98.880566
T. Izq. Amayuca	91.36	3	1	7081	87.4	108.1	131.5	19.1	77.5	92.0	111.2	14.5	77.4	91.1	114.5	14.8	18.715641	-98.790162
T. Izq. Amayuca	91.36	3	2	7320	90.7	109.6	133.5	17.8	80.3	94.3	114.6	15.4	74.6	90.6	116.2	16.1	18.715641	-98.790161
T. C. Atlixco - Jantetelco (Cuota)	94.70	3	1	2510	102.9	119.0	139.5	15.7	89.8	103.1	121.9	15.6	90.8	104.1	128.2	15.3	18.700244	-98.765327
T. C. Atlixco - Jantetelco (Cuota)	94.70	3	2	2631	81.4	91.1	104.6	11.2	71.0	81.0	92.3	11.9	66.6	78.1	90.7	12.2	18.700244	-98.765328
T. Der. Tenango	102.96	3	0	4286	74.9	85.0	102.6	11.6	73.0	83.9	96.9	12.1	66.1	77.8	94.3	13.5	18.665736	-98.730627
Lim. Edos. Term. Mor. Ppia. Pue.	103.23																	
X. C. Amayuca - Izúcar de Matamoros	134.99	1	0	7862	35.3	42.8	54.9	9.2	38.9	47.7	54.0	9.4	36.8	46.3	53.9	9.6	18.616056	-98.504361
X. C. Amayuca - Izúcar de Matamoros	134.99	3	1	5917	35.2	42.7	54.9	9.2	35.6	43.6	53.4	9.0	36.2	44.6	53.9	9.3	18.597139	-98.479444
X. C. Amayuca - Izúcar de Matamoros	134.99	3	2	5634	35.1	42.7	54.8	9.1	35.5	43.4	53.3	8.8	36.2	44.6	53.8	9.3	18.597139	-98.479444
T. C. Puebla - Huajuapán de León	138.14																	

MEXICO

12 C A R R : T. C. (San Gregorio - Oaxtepec) - Juchitepec

CLAVE: 15575

RUTA: MEX-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. San Gregorio - Oaxtepec	0.00	3	0	2423	67.2	78.8	94.5	12.8	56.6	65.5	81.7	9.2	55.1	70.2	89.1	14.1	19.116523	-98.933468
Juchitepec	6.46																	

13 C A R R : T. C. (Santa Bárbara - Huajuapán) - Tlámecas

CLAVE: 15073

RUTA: MEX-115

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. Santa Bárbara - Izúcar de Matamoros	0.00	3	0	3522	44.9	50.7	63.3	7.0	47.1	51.2	54.8	6.3	43.7	49.6	69.8	8.8	19.108886	-98.772969
San Pedro Nexapa	6.00	3	0	1047	46.6	56.4	72.9	11.2	46.7	52.3	54.6	9.1	41.8	50.9	62.2	11.1	19.082988	-98.730352
Tlámecas	24.00	1	0	879	46.3	54.4	70.5	10.7	46.0	51.7	54.6	8.3	48.9	53.0	66.3	8.9	19.085594	-98.648251

14 C A R R : Toluca - Cd. Altamirano

CLAVE: 00020

RUTA: MEX-134

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. Toluca - Axixintla	0.00																	
T. Izq. Capultitlán	1.78	3	1	14039	70.3	81.8	103.3	13.0	63.1	72.5	84.0	10.1	64.9	77.2	98.5	12.8	19.256454	-99.685444
T. Izq. Capultitlán	1.78	3	2	13553	72.6	91.2	123.3	18.4	78.1	128.4	143.4	30.4	86.8	132.9	143.6	31.7	19.256463	-99.685453
T. Der. Zinacatepec	10.21	3	1	10756	68.7	83.2	100.7	15.0	59.4	75.1	91.1	14.7	57.8	75.2	93.3	16.1	19.252131	-99.746407
T. Der. Zinacatepec	10.21	3	2	10714	77.7	92.5	110.0	15.7	63.7	83.0	100.1	18.7	67.3	84.5	103.3	17.8	19.252131	-99.746407
T. Izq. Sultepec	18.72	3	0	7070	78.7	90.6	106.8	12.8	66.9	76.4	89.4	11.2	65.9	80.3	100.7	15.0	19.212593	-99.809706
T. Der. Valle de Bravo	52.00	3	0	5263	68.1	80.2	93.7	13.4	60.0	68.1	80.4	9.6	58.0	70.4	86.1	13.5	19.146173	-99.917063
Temascaltepec	68.76	1	0	4389	53.8	60.5	71.6	8.1	49.5	53.1	63.3	7.6	47.7	54.7	82.7	10.9	19.048139	-100.049750
Temascaltepec	68.76	3	0	4509	45.9	53.1	64.5	8.4	38.7	48.4	54.6	10.0	37.8	46.3	62.6	10.4	19.041178	-100.049832
T. Izq. San Diego Cuentla	84.34	3	0	4732	57.4	76.8	95.5	15.5	60.9	92.1	109.0	19.2	57.0	80.5	115.5	17.3	18.969948	-100.073781
Tejupilco de Hidalgo	100.76	1	0	5153	56.4	62.2	74.4	8.2	50.3	53.8	63.0	7.3	46.9	53.8	65.6	10.2	18.923468	-100.147157
Tejupilco de Hidalgo	100.76	3	0	4858	47.3	53.4	73.8	9.9	47.7	52.0	54.8	7.2	44.4	51.3	61.6	8.6	18.903331	-100.162974
Cuadrilla de López	113.20	3	0	2258	55.8	55.0	73.8	4.9	54.4	54.0	64.6	2.8	52.4	53.7	64.8	5.7	18.874257	-100.227841
T. Izq. Bejucos	147.57	1	0	1217	60.7	75.0	96.2	15.3	57.6	66.9	84.0	10.7	54.7	68.4	89.4	13.3	18.784857	-100.421049
Lim. Edos. Term. Mex. Ppia. Gro.	148.00																	
Cutzamala	196.00	1	0	1986	50.5	57.9	88.2	11.3	50.6	53.6	62.4	7.1	49.1	53.5	64.1	9.0	18.479273	-100.582263
Lim. Edos. Term. Gro. Ppia. Mich.	201.00																	
Lim. Edos. Term. Mich. Ppia. Gro.	210.30																	
Cd. Altamirano	216.00	1	0	3451	50.4	57.8	87.0	11.2	50.7	53.7	62.3	7.1	48.0	54.1	72.3	10.3	18.382554	-100.651023

MEXICO

15 CARR: Toluca - Morelia

CLAVE: 00448

ruta: MEX-015

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Toluca	0.00																	
X. C. Libramiento de Toluca	1.00	3	1	34733	63.5	74.8	102.0	13.6	57.1	69.3	88.6	11.9	58.5	73.3	104.6	15.6	19.288086	-99.684694
X. C. Libramiento de Toluca	1.00	3	2	34713	58.6	64.4	95.8	10.5	52.7	60.1	73.2	9.1	54.3	62.9	87.2	10.9	19.287886	-99.685752
T. Der. Almoloya de Juárez	4.70	3	1	22256	54.3	53.7	95.1	4.8	54.7	53.6	55.0	2.5	54.3	53.6	55.0	3.5	19.294720	-99.729486
T. Der. Almoloya de Juárez	4.70	3	2	22865	69.2	73.4	140.6	14.9	120.8	141.7	144.6	24.9	102.7	138.5	144.1	30.9	19.294714	-99.729490
T. Izq. Valle de Bravo	7.50	3	1	9307	88.2	100.1	116.3	13.2	78.7	92.2	108.8	14.6	75.3	91.1	105.4	16.0	19.309228	-99.755971
T. Izq. Valle de Bravo	7.50	3	2	9000	70.5	79.8	93.4	11.0	62.9	72.8	84.7	10.8	62.9	72.4	84.4	10.4	19.309228	-99.755971
X. C. Toluca - Zitácuaro (Cuota)	20.30	1	0	19998	88.1	106.8	133.6	17.5	68.3	82.0	104.2	13.9	84.4	105.9	137.8	19.4	19.378122	-99.807778
X. C. Toluca - Zitácuaro (Cuota)	20.30	3	0	15870	71.4	81.3	96.2	11.9	65.9	73.8	84.6	10.1	67.5	76.6	96.0	11.8	19.386366	-99.808118
T. Der. Villa Victoria	46.39	1	0	14065	76.7	86.2	103.2	11.4	71.1	80.9	93.5	11.3	73.2	83.6	101.5	12.3	19.417826	-99.986154
T. Der. Villa Victoria	46.39	3	0	11115	80.7	90.0	104.0	11.0	70.3	81.6	91.7	12.7	77.4	86.6	102.6	11.5	19.417279	-100.006741
T. Izq. Valle de Bravo	54.40	1	0	9615	80.0	88.9	105.5	10.8	74.7	83.3	107.0	11.1	78.2	91.1	129.7	14.9	19.398245	-100.059522
T. Izq. Villa de Allende	64.08	1	0	12143	66.8	74.8	100.8	11.9	69.7	80.6	138.5	16.0	62.1	74.6	124.4	16.5	19.410475	-100.139548
T. Izq. Villa de Allende	64.08	3	0	5455	58.9	73.4	93.6	14.0	59.1	78.2	103.3	14.4	61.9	87.3	119.9	19.5	19.410828	-100.141582
Lim. Edos. Term. Mex. Ppia. Mich.	70.20																	
T. Der. Libramiento de Heroica Zitácuaro	92.80	1	1	5329	63.7	76.9	100.4	14.7	66.8	82.1	102.0	14.6	61.8	80.5	107.8	18.2	19.447434	-100.313277
T. Der. Libramiento de Heroica Zitácuaro	92.80	1	2	5446	73.1	87.0	104.5	15.1	66.7	78.4	92.0	11.8	60.9	78.5	94.7	17.3	19.447434	-100.313277
T. Der. Libramiento de Heroica Zitacuaro	92.80	3	0	17143	49.1	54.1	70.6	8.7	46.6	51.2	60.1	6.4	45.2	51.5	64.6	7.7	19.460502	-100.344763
T. Der. Angangueo	106.33	1	0	15406	51.1	57.6	79.6	9.8	49.1	54.9	71.1	8.8	47.9	57.0	81.1	11.1	19.489826	-100.370118
T. Der. Angangueo	106.33	3	0	11634	51.5	58.3	72.4	9.6	49.7	54.0	63.4	7.9	48.2	53.3	63.8	8.8	19.489860	-100.376330
T. Der. Zirahuato	108.00	3	0	8302	88.0	105.1	128.8	18.2	79.9	97.2	109.5	17.5	77.4	96.8	121.3	20.4	19.485707	-100.402825
T. Izq. Jungapeo	114.30	1	0	7846	75.6	90.5	116.7	15.0	70.6	84.8	105.4	14.8	71.0	86.5	116.4	16.7	19.482298	-100.442194
T. Izq. Jungapeo	114.30	3	0	6610	77.4	89.0	108.8	12.6	70.1	80.8	94.0	11.5	71.2	82.5	102.3	12.7	19.486660	-100.446558
Tuxpan	125.00	1	1	5227	47.7	55.0	70.4	10.8	46.0	51.8	61.7	7.4	45.4	53.1	69.8	9.6	19.551889	-100.471547
Tuxpan	125.00	1	2	5235	70.3	90.5	114.0	19.0	72.8	87.2	102.0	13.9	74.5	94.4	122.9	19.5	19.551889	-100.471547
Tuxpan	125.00	3	1	4146	46.3	51.6	117.9	11.5	53.6	53.3	54.8	2.4	47.1	52.4	54.9	8.9	19.582517	-100.466370
Tuxpan	125.00	3	2	4707	67.4	82.6	118.9	18.2	57.3	54.9	81.2	6.2	61.3	77.4	91.0	15.7	19.582517	-100.466370
Cd. Hidalgo	144.61	1	0	10474	68.1	80.4	97.8	13.3	64.3	74.1	89.8	10.6	62.4	74.2	96.6	13.8	19.673183	-100.519973
Cd. Hidalgo	144.61	3	0	14075	66.7	74.1	91.8	9.7	56.5	55.3	64.7	2.9	63.0	71.4	90.5	10.5	19.699344	-100.594067
T. Der. Huajumbaro	168.00	1	0	4593	69.6	79.5	96.7	11.4	59.2	68.9	82.9	10.0	60.6	73.4	93.6	13.7	19.671231	-100.738149
T. Der. Huajumbaro	168.00	3	0	1017	64.8	78.5	101.2	13.7	51.7	58.6	77.2	9.4	55.3	66.2	91.9	12.3	19.669880	-100.741092
T. Izq. Tzitzio	188.30	1	0	668	58.3	68.6	83.9	11.6	51.6	57.0	73.3	9.0	52.0	62.0	78.0	11.2	19.652502	-100.953371
T. Der. de Los Triguillos	225.00	1	0	3183	74.7	90.4	127.8	15.7	70.0	90.3	140.2	18.8	81.7	113.0	141.5	25.5	19.685329	-101.034011
Periférico de Morelia	238.60	1	1	1904	41.8	45.4	60.2	8.2	29.2	32.8	50.8	6.9	31.5	36.3	52.0	7.9	19.693607	-101.146242
Periférico de Morelia	238.60	1	2	1896	70.6	79.5	98.4	11.1	63.2	73.7	93.9	12.0	63.6	73.7	92.7	11.5	19.693598	-101.146242

MEXICO

15 C A R R : Toluca - Morelia

CLAVE: 00448

RUTA: MEX-015

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
Morelia	240.10																	

16 C A R R : Venta de Carpio - T. C. (Pachuca - Tuxpam)

CLAVE: 00455

RUTA: MEX-132

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. México - Pachuca (Libre)	0.00																	
T. Der. Texcoco	6.42	3	1	11045	53.4	59.8	72.0	8.0	49.6	54.2	65.1	8.0	48.3	54.2	68.6	8.7	19.610555	-98.945513
T. Der. Texcoco	6.42	3	2	11381	52.2	54.2	63.9	6.0	49.0	52.7	62.2	6.7	46.5	51.7	61.6	7.0	19.610554	-98.945508
Tepexpan	7.57	3	1	9881	30.6	33.2	43.1	6.2	29.2	32.2	44.6	6.2	29.7	33.1	52.8	7.9	19.623666	-98.934146
Tepexpan	7.57	3	2	9933	32.4	34.1	44.3	5.7	30.2	33.1	49.3	6.8	28.5	33.0	53.0	8.4	19.623666	-98.934146
Acolman	12.42	1	0	9575	31.4	33.6	43.4	6.0	30.0	32.7	50.1	6.7	28.6	32.4	50.1	7.3	19.632759	-98.917604
Teotihuacán	20.70	3	0	15650	51.3	60.7	80.3	10.8	51.3	60.8	84.5	12.0	51.8	54.5	79.6	8.9	19.681495	-98.863167
T. Der. Otumba	31.79	1	0	13059	62.1	69.5	84.2	9.4	62.0	69.5	83.0	9.3	60.5	68.1	86.7	10.4	19.717702	-98.803050
T. Der. Otumba	31.79	3	0	7694	62.2	69.8	84.7	9.5	61.9	68.9	82.1	8.8	60.8	67.8	88.3	10.0	19.719101	-98.797846
X. C. Tizayuca - Otumba	37.85	1	1	9846	84.8	99.4	114.4	14.8	76.5	86.0	95.0	12.1	70.5	85.1	103.7	16.1	19.747942	-98.760142
X. C. Tizayuca - Otumba	37.85	1	2	9810	85.0	99.6	114.4	14.8	76.9	86.7	97.6	12.3	70.6	85.1	103.7	16.0	19.748351	-98.760042
X. C. Tizayuca - Otumba	37.85	3	1	7940	113.7	135.0	143.7	18.6	103.7	121.3	142.1	15.4	99.5	120.7	142.1	18.7	19.757185	-98.751960
X. C. Tizayuca - Otumba	37.85	3	2	8446	96.2	107.8	123.1	12.5	83.4	88.8	99.3	7.6	77.5	88.0	104.5	12.2	19.756767	-98.752469
X. C. Arco Norte de La Ciudad de México	48.00	1	1	7790	114.0	135.3	143.7	18.5	103.6	121.4	142.2	15.6	97.5	116.9	141.5	18.2	19.821194	-98.710752
X. C. Arco Norte de La Ciudad de México	48.00	1	2	7436	96.4	107.8	123.0	12.4	83.2	88.6	97.4	7.6	75.9	86.2	103.1	11.9	19.821162	-98.710772
X. C. Arco Norte de La Ciudad de México	48.00	3	1	7836	105.1	131.5	143.3	22.2	102.0	119.7	142.1	16.3	98.9	120.6	142.2	19.2	19.838953	-98.694333
X. C. Arco Norte de La Ciudad de México	48.00	3	2	7839	94.6	107.3	122.9	13.5	82.6	88.1	94.9	8.0	77.6	88.1	104.1	12.1	19.838952	-98.694336
Lim. Edos. Term. Mex. Ppia. Hgo.	51.00																	
X. C. Pachuca - Cd. Sahagún	54.00	3	1	7572	61.2	73.4	94.8	12.7	61.0	74.5	94.5	13.6	58.3	67.2	90.8	9.6	19.881549	-98.658678
X. C. Pachuca - Cd. Sahagún	54.00	3	2	7454	64.2	74.5	91.1	11.7	61.3	72.4	84.5	12.4	56.3	64.8	82.7	9.4	19.881543	-98.658689
X. C. Calpulalpan - El Ocote	64.17	1	1	7098	61.3	73.4	94.8	12.6	59.7	72.7	93.7	12.9	57.2	63.6	89.2	8.7	19.918394	-98.585638
X. C. Calpulalpan - El Ocote	64.17	1	2	7016	63.6	74.3	91.2	12.3	62.3	72.9	84.4	11.9	56.4	64.3	82.9	8.9	19.918394	-98.585611
X. C. Calpulalpan - El Ocote	64.17	3	1	7820	64.1	77.8	98.2	13.4	59.4	72.4	93.1	12.5	56.9	61.0	87.3	7.7	19.926593	-98.574573
X. C. Calpulalpan - El Ocote	64.17	3	2	8120	63.4	74.4	92.0	12.5	62.3	72.8	84.5	11.8	56.0	63.0	82.5	8.3	19.926674	-98.574483
T. C. Pachuca - Tuxpam	84.08	1	1	9580	63.8	77.6	98.3	13.4	59.0	72.0	93.1	12.5	57.6	65.0	90.4	9.1	20.047667	-98.465018
T. C. Pachuca - Tuxpam	84.08	1	2	9342	63.6	74.5	91.8	12.3	62.3	73.0	84.6	12.0	56.8	64.6	83.0	9.1	20.047625	-98.465057

MEXICO

17 C A R R : Atlacomulco - Maravatio (Cuota)

CLAVE: 00018

RUTA: MEX-015D

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. Toluca - Palmillas	0.00	3	1	6496	112.3	128.7	142.3	16.2	90.0	101.3	112.1	14.2	83.4	99.8	120.0	16.7	19.828229	-99.884151
T. C. Toluca - Palmillas	0.00	3	2	6658	104.6	123.1	141.2	18.5	83.6	94.9	117.5	15.2	72.0	90.4	123.2	18.3	19.828211	-99.884347
Caseta de Cobro San Juanico	3.76	2	1	4764													19.830594	-99.905264
Caseta de Cobro San Juanico	3.76	2	2	4763													19.830594	-99.905264
Lim. Edos. Term. Mex. Ppia. Mich.	21.20																	
Caseta de Cobro Contepec	33.10	2	1	4728													19.876112	-100.177002
Caseta de Cobro Contepec	33.10	2	2	4728													19.876112	-100.177002
X. C. Maravatio - Acámbaro	63.62	1	1	5383	102.7	121.0	139.3	17.8	88.8	94.8	113.9	11.1	85.4	95.1	119.6	12.5	19.909465	-100.448732
X. C. Maravatio - Acámbaro	63.62	1	2	4949	104.4	124.3	141.9	18.7	91.4	101.3	121.9	12.5	86.2	99.7	128.5	14.9	19.909434	-100.448670

18 C A R R : Chamapa - Lechería (Cuota)

CLAVE: 15003

RUTA: MEX-057D

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. Naucalpan - Toluca	11.10	3	1	17726	109.3	137.2	144.0	24.0	128.0	142.5	144.7	21.4	101.1	140.3	144.4	37.3	19.447449	-99.300740
X. C. Naucalpan - Toluca	11.10	3	2	18419	95.6	108.5	126.9	13.2	81.4	96.0	117.6	15.6	77.3	94.0	114.7	16.9	19.449146	-99.302372
X. C. Tlalnepantla - San Gabriel	28.70	1	1	18935	107.3	137.1	144.0	25.7	127.0	142.4	144.7	22.4	113.7	141.7	144.6	33.0	19.575976	-99.269713
X. C. Tlalnepantla - San Gabriel	28.70	1	2	19842	95.2	107.6	125.2	12.8	81.4	95.0	116.8	15.1	79.9	96.3	117.3	16.7	19.575985	-99.269757
X. C. Tlalnepantla - San Gabriel	28.70	3	1	17398	109.0	137.2	144.0	24.4	127.5	142.5	144.7	21.9	104.1	140.7	144.4	36.2	19.589375	-99.262021
X. C. Tlalnepantla - San Gabriel	28.70	3	2	17687	95.8	108.8	126.9	13.2	81.7	96.1	118.4	15.5	78.1	94.4	115.8	16.8	19.589538	-99.262137
T. C. México - Querétaro	38.21	1	1	16908	65.6	75.9	91.1	11.7	50.1	56.8	69.2	10.2	52.0	62.1	80.1	12.0	19.602953	-99.203656
T. C. México - Querétaro	38.21	1	2	16341	84.2	93.8	112.2	11.7	74.3	83.6	101.6	10.8	69.1	80.7	100.1	12.6	19.603007	-99.203702

19 C A R R : Ecatepec - Pirámides (Cuota)

CLAVE: 15061

RUTA: MEX-132D

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. México - Pachuca (Cuota)	0.00	3	1	8206	78.2	86.7	101.6	10.5	69.4	74.9	84.2	8.4	65.9	73.8	89.6	9.6	19.610903	-99.029121
T. C. México - Pachuca (Cuota)	0.00	3	2	7861	56.2	54.0	93.4	4.1	55.9	53.9	76.3	2.4	55.9	53.8	78.8	2.5	19.610885	-99.029141
Caseta de Cobro Ecatepec	1.19	2	1	8230													19.611719	-99.025689
Caseta de Cobro Ecatepec	1.19	2	2	8229													19.611719	-99.025689
T. Der. Texcoco	9.73	3	1	12907	111.7	135.0	143.7	18.9	115.5	138.8	144.2	19.5	101.1	137.5	144.0	29.0	19.621243	-98.941446
T. Der. Texcoco	9.73	3	2	13153	91.6	105.4	132.5	14.9	90.2	106.4	137.0	16.3	84.2	106.6	136.4	20.2	19.619857	-98.944688
X. C. Venta de Carpio - T. C. (Pachuca - Tulancingo)	21.70	1	1	7250	112.3	135.3	143.7	18.6	114.5	138.7	144.2	20.3	109.5	139.2	144.2	26.5	19.676820	-98.862293
X. C. Venta de Carpio - T. C. (Pachuca - Tulancingo)	21.70	1	2	7619	92.2	106.0	132.8	14.6	89.3	105.6	135.8	16.5	90.1	111.3	138.9	19.6	19.676812	-98.862287

MEXICO

19 CARR: Ecatepec - Pirámides (Cuota)

CLAVE: 15061

RUTA: MEX-132D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud

Pirámides	22.20																	
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20 CARR: Libramiento Norte de la Ciudad de México (Cuota)

CLAVE:

RUTA: MEX-040D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Toluca - Palmillas	0.00																	
X. C. México - Querétaro (Cuota)	54.00																	
Caseta de Cobro Querétaro	55.00	2	1	5848													19.998390	-99.489809
Caseta de Cobro Querétaro	55.00	2	2	5847													19.998390	-99.489809
Lim. Edos. Term. Mex. Ppia. Hgo.	60.72																	
Lim. Edos. Term. Hgo. Ppia. Mex.	95.75																	
Lim. Edos. Term. Mex. Ppia. Hgo.	115.89																	
Lim. Edos. Term. Hgo. Ppia. Mex.	143.98																	
Lim. Edos. Term. Mex. Ppia. Hgo.	166.53																	
Lim. Edos. Term. Hgo. Ppia. Tlax.	180.98																	
Caseta de Cobro San Martín Texmelucan	222.00	2	1	6127													19.301905	-98.409628
Caseta de Cobro San Martín Texmelucan	222.00	2	2	6126													19.301905	-98.409628
T. C. San Martín Texmelucan - Ocotoxco (Cuota)	222.44																	

21 CARR: México - Pachuca (Cuota)

CLAVE: 00432

RUTA: MEX-085D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Pachuca (Libre)	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	9.86																	
Caseta de Cobro Ojo de Agua	25.00	2	1	24827													19.618818	-99.029462
Caseta de Cobro Ojo de Agua	25.00	2	2	24826													19.618818	-99.029462
Caseta de Cobro Ojo de Agua	25.00	3	1	21019	87.7	99.6	114.3	12.9	95.6	116.9	142.0	19.3	92.8	113.3	139.1	20.0	19.621537	-99.027993
Caseta de Cobro Ojo de Agua	25.00	3	2	22188	64.9	74.7	89.4	11.4	59.3	66.8	79.4	9.9	58.1	66.0	80.4	10.3	19.621561	-99.028279
T. Izq. Tecámac	35.62	3	1	15608	111.3	122.4	138.4	12.6	98.5	107.4	126.7	10.9	90.5	104.1	123.2	16.6	19.717969	-98.959972
T. Izq. Tecámac	35.62	3	2	16095	107.3	122.7	141.0	15.4	102.1	115.7	136.9	14.8	97.1	111.0	135.4	14.7	19.718043	-98.960155
Lim. Edos. Term. Mex. Ppia. Hgo.	49.60																	
X. C. Otumba - Tizayuca	53.45	1	1	14615	125.7	138.6	144.2	12.9	117.0	138.3	144.1	17.6	110.4	136.5	143.9	21.7	19.827116	-98.949481
X. C. Otumba - Tizayuca	53.45	1	2	14132	108.7	124.6	142.2	15.7	103.3	126.5	143.2	17.9	102.8	127.0	143.2	18.7	19.827126	-98.949639

MEXICO

21 CARR: México - Pachuca (Cuota)

CLAVE: 00432

ruta: MEX-085D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Pachuca (Libre)	60.50	1	1	19196	93.3	111.8	133.1	17.6	90.3	102.2	124.3	14.2	86.4	101.1	124.5	15.2	19.874227	-98.939686
T. C. México - Pachuca (Libre)	60.50	1	2	19504	92.9	114.4	136.9	20.5	91.0	104.3	130.7	16.8	87.8	104.3	130.7	17.9	19.874227	-98.939687

22 CARR: México - Puebla (Cuota)

CLAVE: 00450

ruta: MEX-150D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
México	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	17.71																	
Ent. Morelos	18.00	3	1	56630	85.0	97.1	114.5	13.1	83.9	94.2	111.3	12.6	78.5	93.5	113.7	16.2	19.353200	-98.989213
Ent. Morelos	18.00	3	2	56253	85.3	100.6	122.7	16.0	85.9	101.5	124.1	16.8	70.6	95.8	119.1	25.6	19.353900	-98.989572
Av. Las Torres (Eje 6)	19.27	1	1	60506	84.5	96.4	114.0	13.2	83.0	93.8	110.0	12.9	78.1	93.0	113.7	16.3	19.347177	-98.982897
Av. Las Torres (Eje 6)	19.27	1	2	60609	83.0	99.7	122.1	17.7	83.5	100.8	123.6	18.5	73.2	97.7	121.4	24.8	19.347288	-98.982819
Av. Las Torres (Eje 6)	19.27	3	1	62755	84.5	96.3	114.1	13.1	83.7	94.1	111.6	12.6	80.3	94.5	114.7	15.9	19.341353	-98.977462
Av. Las Torres (Eje 6)	19.27	3	2	59460	82.0	98.3	120.7	17.8	82.4	99.9	123.1	18.9	75.9	99.5	123.1	24.2	19.341243	-98.977095
Eje 10 Sur	22.80	1	1	73804	84.4	96.6	114.3	13.4	83.4	94.0	111.2	12.9	78.8	93.5	114.3	16.1	19.326957	-98.962494
Eje 10 Sur	22.80	1	2	72179	82.3	98.5	121.0	17.6	83.0	100.1	124.1	18.6	77.8	101.0	123.1	24.2	19.328107	-98.963436
Eje 10 Sur	22.80	3	1	66794	84.0	96.0	114.2	13.5	83.3	93.9	111.5	12.9	82.0	97.3	115.3	16.3	19.315225	-98.948595
Eje 10 Sur	22.80	3	2	68097	81.5	98.2	121.0	18.1	81.9	99.4	123.1	19.0	75.5	99.4	122.4	24.4	19.315100	-98.948066
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	1	1	47706	54.2	61.8	74.8	9.1	51.9	56.4	71.9	8.7	51.6	54.9	69.6	8.2	19.292671	-98.887006
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	1	2	46811	62.2	72.4	90.9	11.6	55.6	63.2	80.2	9.0	53.0	59.6	79.0	9.2	19.292671	-98.887006
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	3	1	9672	54.8	62.3	75.2	8.8	51.9	56.2	71.1	8.5	51.8	54.9	69.4	8.0	19.293913	-98.879308
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	3	2	9940	62.2	72.5	91.9	11.7	56.0	63.9	81.7	9.4	53.0	59.4	79.7	9.2	19.293915	-98.879315
Caseta de Cobro San Marcos	33.30	2	1	15026													19.296361	-98.870726
Caseta de Cobro San Marcos	33.30	2	2	15026													19.296361	-98.870726
T. Izq. Río Frío	63.79	3	1	13451	54.1	61.6	74.7	9.0	51.7	55.6	71.4	8.6	51.5	54.6	67.1	7.8	19.351218	-98.665568
T. Izq. Río Frío	63.79	3	2	14250	61.7	72.3	92.3	12.0	56.4	63.9	81.2	9.1	51.7	56.9	76.3	9.4	19.351363	-98.665659
Lim. Edos. Term. Mex. Ppia. Pue.	63.85																	
T. Izq. Tlaxcala	90.61	1	1	31101	114.0	132.4	143.3	17.2	94.7	103.4	129.2	11.2	92.5	107.9	134.0	16.0	19.268795	-98.426636
T. Izq. Tlaxcala	90.61	1	2	30944	105.5	121.9	139.3	16.4	89.0	97.4	118.2	12.7	85.2	98.0	121.1	14.1	19.268795	-98.426636
T. Izq. Tlaxcala	90.61	3	1	24947	92.4	124.4	140.9	31.9	84.8	108.0	130.9	24.6	77.8	102.3	127.2	23.7	19.261877	-98.417232
T. Izq. Tlaxcala	90.61	3	2	24922	79.7	105.3	130.4	23.8	73.8	91.7	111.9	18.5	71.4	86.2	107.2	15.7	19.261877	-98.417232
Caseta de Cobro San Martín Texmelucan	91.00	2	1	21356													19.241098	-98.385680
Caseta de Cobro San Martín Texmelucan	91.00	2	2	21355													19.241098	-98.385680
Lim. Edos. Term. Pue. Ppia. Tlax.	103.00																	

MEXICO

22 CARR: México - Puebla (Cuota)

CLAVE: 00450

RUTA: MEX-150D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Lim. Edos. Term. Tlax. Ppia. Pue.	107.00																	
T. C. Puebla - Tlaxcala	124.90																	

23 CARR: México - Toluca (Cuota)

CLAVE: 00446

RUTA: MEX-134D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Toluca (Libre) (Puente Conafrut)	0.00	3	1	31749	90.2	101.1	122.8	12.5	82.9	89.8	98.8	8.9	76.8	91.6	110.8	15.8	19.380331	-99.251606
T. C. México - Toluca (Libre) (Puente Conafrut)	0.00	3	2	31736	95.1	113.5	141.7	17.4	83.0	90.2	103.4	10.0	77.8	93.4	137.9	18.2	19.380296	-99.251564
Caseta de Cobro Santa Fe	3.50	1	1	24620	90.1	101.1	122.9	12.7	82.8	89.9	99.4	9.0	75.2	90.9	110.5	16.1	19.369482	-99.266289
Caseta de Cobro Santa Fe	3.50	1	2	24679	95.0	112.9	141.6	17.2	83.2	90.5	108.5	10.1	76.2	92.9	137.9	18.7	19.369430	-99.265998
Caseta de Cobro Santa Fe	3.50	3	1	25506	69.6	82.8	102.7	13.9	67.7	81.3	102.1	14.1	64.6	78.0	100.6	13.1	19.355872	-99.278155
Caseta de Cobro Santa Fe	3.50	3	2	24538	61.8	73.9	92.8	13.3	60.0	72.6	91.3	13.6	57.7	68.6	88.2	11.4	19.355908	-99.278160
Caseta de Cobro La Venta	10.00	1	1	26750	114.5	124.9	140.7	12.3	107.4	118.7	129.8	13.0	93.8	116.2	130.2	26.6	19.334761	-99.305911
Caseta de Cobro La Venta	10.00	1	2	22000	104.4	116.7	135.6	13.6	93.8	103.2	121.3	11.2	92.7	109.3	130.9	17.5	19.334787	-99.305920
Caseta de Cobro La Venta	10.00	2	1	21091													19.332891	-99.314468
Caseta de Cobro La Venta	10.00	2	2	21090													19.332891	-99.314468
Caseta de Cobro La Venta	10.00	3	1	28244	114.3	124.8	140.7	12.4	107.1	118.6	129.6	13.1	81.8	113.7	127.5	29.5	19.328695	-99.316525
Caseta de Cobro La Venta	10.00	3	2	28661	104.3	116.4	135.1	13.7	93.2	102.9	119.4	11.7	85.0	105.0	129.5	21.1	19.328774	-99.316528
Lim. Edos. Term. D. F. Ppia. Mex.	18.66																	
T. C. México - Toluca (Libre) (La Marquesa)	19.20	1	1	32230	114.1	124.7	140.6	12.5	107.4	118.6	129.8	12.8	84.8	113.9	127.2	29.4	19.300093	-99.364328
T. C. México - Toluca (Libre) (La Marquesa)	19.20	1	2	31316	103.8	115.4	134.8	13.5	93.5	102.2	119.0	10.6	90.8	109.6	130.1	19.9	19.300094	-99.364321

24 CARR: Peñón - Texcoco (Cuota)

CLAVE: 15010

RUTA: MEX-136D

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Peñón	0.00																	
Caseta de Cobro Peñón y Texcoco	0.50	2	1	15835													19.458550	-99.033673
Caseta de Cobro Peñón y Texcoco	0.50	2	2	15835													19.458550	-99.033673
T. C. San Bernardino - Tepexpan	16.50	1	1	16863	81.8	87.7	99.6	8.3	76.1	82.4	93.6	8.2	71.6	81.4	93.7	11.6	19.505175	-98.898003
T. C. San Bernardino - Tepexpan	16.50	1	2	16975	67.1	73.0	84.1	8.0	61.7	65.7	74.0	7.2	59.7	64.8	74.5	8.7	19.505511	-98.898053

MEXICO

25 C A R R : México - Querétaro (Cuota)

CLAVE: 00411

RUTA : MEX-057-MEX-057D

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
México	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	11.30																	
Caseta de Cobro Tepotzotlán	43.01	2	1	25120													19.715358	-99.207587
Caseta de Cobro Tepotzotlán	43.01	2	2	25120													19.715358	-99.207587
Ent. Jorobas	56.18	1	1	23649	97.4	113.6	134.0	16.0	93.7	103.2	125.9	11.8	89.2	98.3	121.7	11.8	19.810332	-99.238285
Ent. Jorobas	56.18	1	2	23153	98.6	117.0	137.8	17.8	96.2	105.4	131.3	12.7	92.2	102.9	124.6	13.0	19.810332	-99.238285
Ent. Jorobas	56.18	3	1	26009	96.9	113.3	134.0	16.1	93.7	103.0	125.7	11.7	88.6	97.3	120.3	11.7	19.828321	-99.256350
Ent. Jorobas	56.18	3	2	25841	98.5	116.8	137.8	17.8	96.4	105.2	130.9	12.6	91.1	102.1	123.7	13.2	19.828322	-99.256350
Lim. Edos. Term. Mex. Ppia. Hgo.	59.85																	
T. Der. Tepeji del Río	69.36	1	1	26352	97.4	113.6	134.1	16.1	93.7	103.1	125.5	11.7	89.0	97.8	120.9	11.7	19.875006	-99.336647
T. Der. Tepeji del Río	69.36	1	2	26893	98.8	116.8	137.9	17.6	96.5	105.0	130.9	12.5	91.8	102.5	124.2	13.0	19.871246	-99.338734
T. Der. Tepeji del Río	69.36	3	1	24170	97.0	113.1	133.6	15.9	93.7	102.8	124.6	11.4	88.7	96.2	117.7	11.1	19.908041	-99.352534
T. Der. Tepeji del Río	69.36	3	2	25004	98.7	116.9	137.7	17.6	96.2	105.3	131.3	12.7	91.7	101.9	122.2	12.5	19.908041	-99.352534
T. Izq. Jilotepec	83.75	1	1	20595	97.5	113.7	134.1	16.1	93.6	103.1	125.0	11.8	88.7	96.9	119.5	11.4	19.974998	-99.435909
T. Izq. Jilotepec	83.75	1	2	22432	98.6	117.0	137.7	17.8	96.2	105.3	131.0	12.7	92.0	102.3	123.5	12.6	19.975213	-99.437025
T. Izq. Jilotepec	83.75	3	1	24425	92.0	110.9	132.7	18.0	88.3	100.4	120.0	14.3	84.7	96.1	120.0	13.8	19.987090	-99.448827
T. Izq. Jilotepec	83.75	3	2	24493	92.9	113.8	136.3	20.0	90.6	103.5	124.3	16.3	85.9	101.2	124.1	16.9	19.986814	-99.449027
Lim. Edos. Term. Hgo. Ppia. Mex.	86.00																	
X. C. Jilotepec - Maravillas	107.00	1	1	21764	96.8	113.2	134.0	16.1	93.4	102.5	124.2	11.4	88.5	96.1	117.8	11.1	20.082498	-99.625571
X. C. Jilotepec - Maravillas	107.00	1	2	21430	96.4	115.8	137.6	18.8	96.4	104.9	131.2	12.5	91.8	102.1	122.8	12.6	20.082473	-99.625609
X. C. Jilotepec - Maravillas	107.00	3	1	21905	93.2	111.7	133.0	17.7	93.5	102.8	124.6	11.5	88.6	96.3	118.5	11.2	20.083211	-99.631376
X. C. Jilotepec - Maravillas	107.00	3	2	21020	98.2	116.8	137.8	18.0	96.4	105.0	131.3	12.6	91.7	101.9	122.4	12.5	20.082506	-99.633397
T. Izq. Aculco	125.00	1	1	23721	115.0	133.4	143.5	15.6	108.8	130.1	143.4	16.3	108.0	130.3	143.4	17.2	20.095296	-99.690372
T. Izq. Aculco	125.00	1	2	23660	103.8	119.3	138.8	15.4	94.1	104.1	140.1	13.2	93.2	107.9	140.4	15.5	20.095078	-99.690686
T. Izq. Aculco	125.00	3	1	22865	115.3	133.8	143.5	15.8	109.6	132.1	143.5	16.5	104.0	118.6	142.1	14.6	20.110082	-99.707318
T. Izq. Aculco	125.00	3	2	22886	105.6	120.3	139.3	14.6	95.0	104.8	140.4	12.9	90.6	101.8	136.3	13.6	20.109429	-99.706474
Lim. Edos. Term. Mex. Ppia. Qro.	145.50																	
Caseta de Cobro Palmillas	145.80	2	1	21813													20.296103	-99.928994
Caseta de Cobro Palmillas	145.80	2	2	21813													20.296103	-99.928994
T. Izq. Toluca	148.50	1	1	19378	115.3	133.9	143.5	15.9	109.6	132.1	143.5	16.6	103.7	116.7	141.7	14.1	20.290613	-99.918781
T. Izq. Toluca	148.50	1	2	20170	105.3	120.0	139.1	14.5	95.3	105.6	140.9	13.2	90.3	101.2	135.1	13.3	20.290245	-99.919140
T. Izq. Toluca	148.50	3	1	26614	115.5	133.8	143.5	15.8	109.6	132.5	143.5	16.6	104.2	119.4	142.3	14.7	20.307607	-99.934151
T. Izq. Toluca	148.50	3	2	26092	105.4	120.4	139.4	14.8	94.7	105.0	140.7	13.4	90.2	101.4	136.2	13.6	20.306878	-99.935062
T. Der. Poniente San Juan del Río	164.10	3	1	18696	115.0	133.3	143.5	15.6	109.4	131.4	143.5	16.5	105.1	122.2	142.6	15.2	20.374166	-99.994876
T. Der. Poniente San Juan del Río	164.10	3	2	18896	103.7	119.2	138.6	15.4	94.7	104.6	140.3	13.1	91.0	102.9	137.3	14.1	20.373663	-99.994771

MEXICO

25 C A R R : México - Querétaro (Cuota)

CLAVE: 00411

RUTA : MEX-057-MEX-057D

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. Acámbaro	170.45	3	1	34508	115.7	134.0	143.6	15.8	110.0	133.2	143.6	16.7	106.6	125.0	143.0	15.9	20.444677	-100.075336
T. Izq. Acámbaro	170.45	3	2	34530	105.7	120.5	139.3	14.7	94.8	105.0	140.4	13.2	91.9	104.2	138.8	14.5	20.449057	-100.081331
T. Der. Libramiento de Querétaro a San Luis Potosí	207.00	1	1	40340	100.0	117.5	141.4	18.3	97.2	114.0	141.6	17.5	90.4	113.2	141.5	22.8	20.578031	-100.340086
T. Der. Libramiento de Querétaro a San Luis Potosí	207.00	1	2	40305	94.9	111.7	142.2	18.0	89.7	107.5	142.1	19.5	81.9	104.3	141.5	23.9	20.582372	-100.343510
T. Der. Libramiento de Querétaro a San Luis Potosí	207.00	3	1	45965	115.6	133.3	143.5	15.4	110.5	134.7	143.7	17.1	109.6	133.1	143.5	17.6	20.578879	-100.377917
T. Der. Libramiento de Querétaro a San Luis Potosí	207.00	3	2	43765	106.4	121.0	139.6	14.7	95.3	106.3	140.1	13.2	95.7	113.3	141.3	16.5	20.578247	-100.379342
Querétaro	211.60																	

26 C A R R : Acambay - San José Ixtapa

CLAVE: 15037

RUTA : EM

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
Acambay	0.00																	
Temascalcingo	20.00	1	0	4875	38.0	43.9	54.8	8.0	38.0	49.8	54.6	13.0	39.9	50.8	54.9	12.5	19.928739	-100.004497
San José Ixtapa	37.00	1	0	1206	58.8	77.8	106.7	17.7	38.3	52.0	54.6	18.9	52.0	65.0	100.6	14.7	20.018532	-100.104742

27 C A R R : Amomolulco - T. C. (Toluca - Palmillas)

CLAVE: 15022

RUTA : EM-036

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. México - Toluca	0.00																	
Amomolulco	0.30	3	0	17433	56.3	65.0	80.0	10.2	53.7	67.3	81.0	12.6	52.2	66.9	81.5	13.6	19.296570	-99.485165
San Mateo Atarasquillo	5.50	1	0	16088	50.6	54.8	64.4	7.9	50.3	54.9	69.4	8.4	50.2	54.3	72.1	8.8	19.312351	-99.467689
San Mateo Atarasquillo	5.50	3	0	9183	50.7	54.8	64.5	8.0	49.9	54.6	69.2	8.3	49.6	54.0	68.9	8.5	19.340618	-99.477729
San Nicolás Peralta	9.50	1	0	8426	49.0	54.0	66.2	7.9	46.5	54.4	64.1	8.8	47.3	53.7	72.4	9.6	19.355253	-99.482968
Colonia Álvaro Obregón	15.50	1	0	7320	42.5	47.9	54.1	7.2	39.6	46.6	53.9	7.9	41.4	48.8	54.9	9.9	19.368635	-99.492944
Colonia Álvaro Obregón	15.50	3	0	9332	59.0	64.8	78.9	8.9	55.4	61.7	72.8	7.6	56.5	63.2	81.5	9.6	19.388319	-99.492269
X. C. Naucalpan - Toluca	19.10	1	0	10168	51.9	58.5	73.8	8.8	47.4	55.8	73.4	9.7	48.6	54.3	74.5	10.2	19.401290	-99.517453
X. C. Naucalpan - Toluca	19.10	3	0	10853	41.9	44.9	56.9	7.0	39.0	43.4	56.8	7.5	41.2	47.6	61.7	9.2	19.412333	-99.526472
Villa Cuauhtémoc	24.00	1	0	11690	63.3	71.3	86.3	9.6	62.1	70.8	85.3	10.2	61.5	70.4	91.8	11.2	19.420391	-99.543295
Villa Cuauhtémoc	24.00	3	0	7397	23.9	23.8	31.9	3.1	21.1	22.5	50.9	6.6	22.8	23.5	49.8	6.4	19.420262	-99.561983
X. C. Toluca - Temoaya	29.10	1	0	7382	55.0	54.2	64.1	1.9	53.3	53.7	61.3	3.9	52.4	53.4	57.2	4.7	19.437876	-99.601502
X. C. Toluca - Temoaya	29.10	3	0	5703	24.9	25.9	34.2	3.6	21.9	23.7	49.5	6.9	23.0	24.4	49.3	6.8	19.441483	-99.607386
T. Der. San Diego Alcalá	31.70	3	0	5120	61.6	74.3	96.6	13.2	57.2	72.0	92.2	13.8	58.1	73.2	97.1	14.5	19.452884	-99.621581
Tlachaloya	36.10	1	0	4289	32.8	35.5	44.9	6.3	30.3	34.5	52.1	7.9	29.7	33.7	51.3	8.0	19.464629	-99.645818

MEXICO

27 C A R R : Amomolulco - T. C. (Toluca - Palmillas)

CLAVE: 15022

RUTA: EM-036

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
Tlachaloya	36.10	3	0	2910	74.8	89.6	109.1	15.3	71.1	85.1	102.3	16.0	70.4	86.8	104.6	17.8	19.470099	-99.663460
Antonio Alzate	43.00	3	0	2418	50.4	57.6	71.9	9.5	46.0	52.0	63.1	8.1	43.5	51.3	63.9	10.0	19.465000	-99.705528
T. C. Toluca - Palmillas	46.60	1	0	5902	50.3	57.4	71.6	9.5	46.9	51.9	59.8	7.3	45.5	52.2	63.8	9.2	19.480916	-99.726674

28 C A R R : Amomolulco - Texcalyacac

CLAVE: 15059

RUTA: EM

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. México - Toluca	0.00																	
X. C. Ocoyoacac - Santiago Tianguistenco	0.80	3	1	8111	49.1	53.9	65.0	8.0	47.4	52.9	63.9	8.1	45.0	51.7	63.1	8.0	19.274339	-99.482296
X. C. Ocoyoacac - Santiago Tianguistenco	0.80	3	2	8128	52.3	54.0	65.3	6.1	50.9	53.8	64.3	7.4	49.6	53.6	64.4	8.2	19.274333	-99.482276
Blvr. Carlos Hank González	12.30	1	1	5150	50.2	57.3	72.8	9.5	46.2	51.7	61.5	7.6	44.3	51.5	64.1	8.7	19.191689	-99.481030
Blvr. Carlos Hank González	12.30	1	2	5289	51.0	57.9	72.0	9.3	48.9	53.5	64.0	8.1	45.3	52.9	67.0	9.3	19.191663	-99.481054
X. C. Mexicalcingo - Xatlalaco	13.10	3	0	2227	33.9	36.6	45.0	5.6	35.8	46.8	54.8	9.9	36.2	47.1	54.4	9.4	19.181013	-99.490012
Almoloya del Río	17.00	1	0	2908	36.2	43.4	58.0	8.8	37.6	49.2	64.0	13.1	35.0	46.7	54.5	10.5	19.165716	-99.491500
Almoloya del Río	17.00	3	0	2967	42.3	46.5	60.0	7.5	40.5	47.5	61.8	9.4	41.7	49.4	63.4	10.0	19.143929	-99.486617
X. C. La Marquesa - Tenango de Arista	22.00	3	0	1847	42.3	46.7	55.0	7.4	46.6	52.1	138.1	14.9	40.1	47.8	71.6	10.3	19.142593	-99.485976
Texcalyacac	24.00																	

29 C A R R : Chalco - Mixquic

CLAVE: 00171

RUTA: EM-DF

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
Chalco	0.00	3	1	11720	40.9	43.1	50.6	5.7	42.7	51.8	54.8	12.5	34.4	40.4	50.5	7.4	19.240534	-98.909132
Chalco	0.00	3	2	12053	47.4	51.3	59.6	6.0	46.4	49.1	54.2	4.4	42.5	46.3	54.3	6.9	19.240542	-98.909124
Lim. Edos. Term. Mex. Ppia. D. F.	8.00																	
Mixquic	10.00	1	0	5882	43.5	50.0	62.7	8.2	39.3	44.5	53.5	8.2	39.3	45.5	61.3	9.7	19.224694	-98.945188

30 C A R R : Chalco - San Mateo Tezoquiapan

CLAVE: 00171

RUTA: EM

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
Chalco	0.00	3	1	8509	38.1	42.1	51.9	6.5	39.3	48.0	54.1	7.4	35.2	40.6	52.4	6.5	19.261894	-98.883304
Chalco	0.00	3	2	7997	40.6	43.5	52.7	6.6	41.9	50.3	54.4	9.0	36.8	42.7	53.1	7.8	19.261894	-98.883302
San Gregorio Cuautzingo	4.50	1	1	10254	52.0	57.8	68.8	8.3	47.7	51.6	54.6	7.1	45.4	54.0	71.5	10.8	19.263639	-98.864008

MEXICO

30 CARR: Chalco - San Mateo Tezoquiapan

CLAVE: 00171

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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 Gregorio Cuautzingo	4.50	1	2	10843	51.6	55.7	72.3	8.2	49.0	53.4	94.4	10.4	49.9	57.2	77.1	10.7	19.263645	-98.864012
San Gregorio Cuautzingo	4.50	3	0	13466	42.6	51.3	67.0	10.3	48.8	57.3	83.4	13.8	44.2	53.6	83.5	14.1	19.269260	-98.846769
Santa María Huexoculco	9.00	1	0	3658	54.3	58.5	73.8	6.6	54.1	53.5	58.6	2.3	52.3	54.7	73.1	8.0	19.267332	-98.827507
Santa María Huexoculco	9.00	3	0	2034	48.6	58.0	73.4	10.9	47.7	53.5	92.4	11.8	47.3	54.6	82.0	12.6	19.246764	-98.821928
San Mateo Tezoquiapan	14.00	1	0	2258	47.7	55.0	72.8	9.9	44.3	51.6	69.6	11.2	42.8	52.5	72.1	11.8	19.231501	-98.817916

31 CARR: Chalco - Tláhuac

CLAVE: 00170

RUTA: EM-DF

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Chalco	0.00	3	1	10981	75.0	87.1	104.0	12.9	68.7	79.9	94.9	12.3	68.6	82.4	101.3	15.4	19.249557	-98.919890
Chalco	0.00	3	2	9961	66.2	75.8	91.9	11.5	62.4	72.9	84.3	12.2	60.0	72.9	85.6	14.2	19.249559	-98.919883
Lim. Edos. Term. Mex. Ppia. D. F.	7.50																	
Tláhuac	12.00	1	0	15404	39.5	43.1	53.2	6.8	36.2	39.7	51.0	5.8	35.7	40.4	52.2	6.1	19.264330	-98.992458

32 CARR: Cuadrilla de López - Zacazonapan

CLAVE:

RUTA: EM-050

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cuadrilla de López	0.00	3	0	2250	31.2	33.0	40.1	5.5	29.3	31.8	34.6	5.3	29.8	33.1	52.7	7.9	18.877336	-100.227810
Villa Luvianos	9.88	3	0	2244	30.5	33.5	43.3	6.5	31.7	33.6	52.0	7.1	30.7	33.5	51.8	7.8	18.932103	-100.297600
Zacazonapan	35.29	1	0	1226	30.8	33.7	45.3	6.7	31.3	33.4	51.8	7.2	34.0	46.8	54.1	10.1	19.069643	-100.259938

33 CARR: Cuautitlán - Zumpango de Ocampo

CLAVE: 15020

RUTA: EM-035

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cuautitlán	0.00	3	1	24985	41.1	43.2	52.2	6.3	37.9	43.5	53.3	6.8	34.3	39.7	50.5	7.1	19.674816	-99.158969
Cuautitlán	0.00	3	2	24783	37.8	43.2	53.4	8.3	36.7	42.9	53.4	7.3	33.2	39.0	51.2	8.1	19.674752	-99.158943
Melchor Ocampo	6.02	3	0	11689	43.0	51.6	64.8	10.1	45.4	51.4	54.9	7.8	43.0	51.7	65.0	10.2	19.720475	-99.138838
T. C. Los Reyes - El Tephé	19.15	1	0	5384	34.3	37.8	46.2	5.5	34.0	34.9	53.3	6.5	36.2	48.1	54.2	10.0	19.811043	-99.111270

MEXICO

34 C A R R : Dos Casas - Ixtapan del Oro

CLAVE: 15033

ruta: EM-002

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. Toluca - Morelia	0.00	3	0	3300	38.3	42.4	54.3	7.7	40.4	50.9	54.9	11.5	34.9	41.5	53.6	7.4	19.410772	-100.141818
Ixtapan del Oro	31.50	1	0	799	40.0	43.8	53.4	7.2	29.7	40.4	51.2	10.2	35.2	42.5	53.0	7.9	19.265520	-100.265711

35 C A R R : Ent. Cruz de La Misión - San Nicolás Coatepec

CLAVE: 15009

ruta: EM-005

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 Marquesa - Tenango de Arista	0.00	3	0	1455	58.7	66.6	83.1	10.3	59.1	70.2	83.6	10.7	59.2	71.8	87.7	13.4	19.233111	-99.392306
Xalatlaco	16.30	1	0	1553	46.3	53.9	70.1	9.9	49.7	66.0	82.9	14.1	50.1	54.6	77.1	10.7	19.197505	-99.406463
San Nicolás Coatepec	18.50																	

36 C A R R : Ent. La Puerta - San Miguel Totolmaloya

CLAVE: 15003

ruta: EM-010

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. Toluca - Cd. Altamirano	0.00	3	0	3378	64.0	72.4	87.0	9.7	54.9	58.2	71.7	5.2	53.1	62.5	77.4	11.3	19.212405	-99.807393
T. Izq. Nevado de Toluca	7.56	3	0	2288	63.7	72.1	86.3	9.8	55.0	56.3	70.4	4.3	53.7	61.6	75.0	9.7	19.144537	-99.805749
T. Izq. Ixtapan de La Sal	31.80	3	0	2802	64.0	72.2	86.7	9.6	54.2	61.1	73.7	8.3	54.2	62.2	77.9	9.8	19.011126	-99.901189
T. Izq. Zacualpan	47.29	3	0	3010	51.3	58.7	71.6	9.3	45.4	51.5	64.7	7.7	46.6	53.2	66.5	9.1	18.901233	-99.939498
Sultepec de Pedro Ascencio	58.00	3	0	1045	53.2	61.3	81.3	9.6	54.7	56.0	83.8	5.9	55.2	62.6	86.8	9.0	18.853394	-99.963698
San Miguel Totolmaloya	106.00																	

37 C A R R : Ent. Tolman - Cd. Sahagún

CLAVE: 00119

ruta: EM-009-HGO

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. Venta de Carpio - Tulancingo	0.00	3	0	12918	51.3	57.0	70.7	8.4	49.9	53.8	63.7	7.4	48.2	53.6	66.8	8.6	19.714061	-98.790177
Otumba	5.00	3	0	5535	76.0	88.3	112.8	13.2	75.9	88.0	104.6	12.3	73.2	85.3	111.8	14.0	19.710331	-98.743322
T. Der. Jaltepec	21.00	3	0	3517	76.5	89.1	114.1	13.5	75.2	88.0	104.3	12.6	71.9	84.7	110.6	14.6	19.749557	-98.653367
Lim. Edos. Term. Mex. Ppia. Hgo.	25.00																	
Cd. Sahagún	32.00	1	0	4617	34.4	37.7	45.1	5.2	33.0	34.6	50.2	6.3	36.3	47.9	54.2	9.6	19.752419	-98.603606

MEXICO

38 C A R R : Ixtlahuaca de Rayón - Naucalpan

CLAVE: 15004

RUTA: EM-003

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
Ixtlahuaca de Rayón	0.00	3	0	7805	23.6	24.0	33.1	4.1	22.3	23.3	51.5	6.8	25.0	24.4	69.3	6.9	19.568282	-99.743479
Jiquipilco	18.00	3	0	848	43.4	52.4	69.0	10.7	42.4	52.6	64.2	12.6	40.5	51.5	63.0	12.3	19.564126	-99.597818
T. Izq. Santa Ana Jilotzingo	56.60	1	0	1666	39.1	44.4	54.0	8.3	42.2	44.9	53.6	6.7	42.2	45.7	54.1	7.0	19.521670	-99.468950
San Mateo Nopala	75.00	1	0	5693	64.4	76.1	102.2	13.3	54.3	63.8	78.1	10.6	52.5	63.3	81.2	12.5	19.491066	-99.298363
T. C. México - Querétaro (Cuota)	80.00																	

39 C A R R : Ixtlahuaca de Rayón - San Felipe del Progreso

CLAVE: 15005

RUTA: EM

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
Ixtlahuaca de Rayón	0.00	3	0	10659	52.1	60.9	73.3	9.8	48.1	55.2	65.7	10.4	49.0	57.1	72.5	10.7	19.574723	-99.779504
San Miguel	16.00	3	0	4894	45.9	58.3	78.7	12.5	41.6	53.3	72.9	14.1	41.1	54.0	79.4	14.7	19.578192	-99.865278
San Felipe del Progreso	32.00	1	0	6713	57.0	64.6	94.7	11.0	49.0	54.2	63.9	8.4	51.5	59.7	78.9	10.9	19.704256	-99.946642

40 C A R R : Jilotepec - Maravillas

CLAVE: 00015

RUTA: EM-HGO

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
Jilotepec	0.00	3	0	6817	34.5	37.8	45.0	5.2	32.8	34.5	49.8	6.3	34.1	40.6	53.1	7.6	19.954253	-99.549750
X. C. México - Querétaro (Cuota)	21.30	1	0	1947	34.6	37.9	45.5	5.1	33.6	34.8	52.8	6.5	35.3	46.1	53.9	8.3	20.081511	-99.630614
X. C. México - Querétaro (Cuota)	21.30	3	0	3569	34.5	38.0	46.8	5.3	33.6	34.8	52.6	6.4	35.5	46.8	54.0	9.0	20.088223	-99.627150
Acazuchitlán	29.00	1	0	2333	34.6	38.0	46.4	5.2	33.5	34.8	52.7	6.6	36.3	48.0	54.1	9.3	20.144352	-99.599583
Lim. Edos. Term. Mex. Ppia. Hgo.	29.30																	
Maravillas	36.40	1	0	1874	34.5	37.7	46.3	5.2	33.7	34.7	53.0	6.4	36.5	48.5	54.1	9.7	20.196940	-99.584109
T. C. El Saucillo - Amealco	40.00	1	0	2359	34.5	38.0	47.1	5.3	33.0	34.6	51.2	6.4	35.6	46.2	53.9	8.3	20.234827	-99.595516

41 C A R R : Jilotepec - San Agustín

CLAVE: 15046

RUTA: EM

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
Jilotepec	0.00	3	0	9930	34.5	37.9	45.0	5.2	32.9	34.5	49.7	6.3	36.0	47.5	54.1	9.7	19.969455	-99.531427
San Agustín Buenavista	10.00	1	0	1492	34.7	38.3	47.8	5.2	33.6	34.8	52.8	6.4	34.4	40.6	53.3	7.0	20.041214	-99.495152

MEXICO

42 C A R R : La Marquesa - Río Hondo

CLAVE: 15007

RUTA: EM-005

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. México - Toluca	0.00	3	0	7078	56.3	61.2	80.0	7.5	51.1	53.6	61.7	6.8	52.5	54.2	70.7	6.9	19.308085	-99.369231
Huixquilucan	8.20	3	0	10975	56.2	60.9	79.5	7.3	51.7	53.9	65.2	6.9	52.9	54.2	71.9	6.4	19.370399	-99.342500
T. Der. San Bartolito	15.70	3	0	13185	41.9	44.8	54.2	6.8	37.6	42.2	52.6	6.7	38.1	43.5	55.0	8.5	19.408574	-99.306506
T. C. Naucalpan - Toluca	20.30																	

43 C A R R : La Marquesa - Tenango de Arista

CLAVE: 15008

RUTA: EM-006

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. México - Toluca	0.00	3	0	10350	53.3	67.7	86.9	14.4	53.6	63.3	74.1	10.1	53.1	67.4	87.7	13.9	19.297331	-99.373819
T. Der. Atlapulco	5.00	3	0	8137	54.5	69.3	88.2	14.3	53.8	65.4	80.1	11.8	54.0	66.6	86.7	12.8	19.251635	-99.374755
X. C. Ent. Cruz de La Misión - San Nicolás Coatepec	11.80	3	0	8535	53.9	68.3	87.1	14.2	53.4	63.0	74.1	10.1	54.1	68.4	87.5	13.5	19.234485	-99.392811
X. C. Mexicalcingo - Xalatlatco	20.80	1	0	10800	63.0	71.3	92.8	10.7	58.8	62.2	71.9	5.9	60.1	68.2	85.8	10.7	19.181465	-99.440591
X. C. Santiago Tianguistenco - Chalma	23.80	3	0	12873	63.7	71.4	89.5	9.4	60.0	68.4	87.2	10.2	60.0	68.2	93.8	11.3	19.160728	-99.466605
Tenango de Arista	39.80	1	0	9184	69.7	79.4	107.0	12.4	64.7	72.7	85.6	9.2	66.6	75.9	94.1	12.0	19.107325	-99.576048

44 C A R R : Las Juntas - Ixtapan de La Sal

CLAVE: 15023

RUTA: EM-012

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 Puerta - San Miguel Totolmaloya	0.00	3	0	1176	43.8	54.3	77.0	13.0	47.6	53.6	78.8	12.5	49.0	63.4	94.3	16.4	19.011745	-99.900209
Coatepec Harinas	35.16	1	0	3790	48.8	53.5	64.9	7.4	46.8	51.7	55.0	7.1	47.0	52.0	68.1	8.1	18.921277	-99.777989
Coatepec Harinas	35.16	3	0	4224	54.2	60.1	69.4	7.2	50.3	53.1	62.4	7.1	50.8	55.5	72.2	9.4	18.907044	-99.769901
Ixtapan de La Sal	56.06	1	0	9645	56.6	64.0	80.5	9.5	55.4	61.8	73.3	7.4	53.5	62.9	83.5	11.3	18.832271	-99.694007

45 C A R R : Lechería - Apaxco

CLAVE: 15018

RUTA: EM-006

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 Pedro Barrientos - Ecatepec	0.00	3	1	27572	59.0	64.3	78.1	9.1	54.8	60.9	71.5	7.1	52.7	60.5	73.2	9.7	19.594247	-99.188250
T. C. San Pedro Barrientos - Ecatepec	0.00	3	2	26632	57.0	54.9	74.5	4.6	56.7	54.6	73.2	3.8	56.2	54.7	73.7	4.2	19.594062	-99.188105
Cuautitlán	8.60	3	0	11483	32.0	35.9	50.3	7.4	33.4	47.0	53.9	10.6	27.1	33.1	50.3	8.1	19.686045	-99.185919
T. Izq. Tepotzotlán	13.04	3	1	7887	47.5	54.3	81.1	11.4	46.0	51.3	54.6	7.3	41.7	50.3	60.4	10.2	19.715771	-99.194383
T. Izq. Tepotzotlán	13.04	3	2	8492	56.8	67.3	111.5	13.9	56.9	61.3	75.0	7.2	53.4	66.5	90.9	14.6	19.715771	-99.194383
Teoloyucan	21.00	3	0	6503	45.0	53.5	82.2	11.2	42.1	52.0	56.9	12.7	42.7	52.4	70.9	12.7	19.767359	-99.197671

MEXICO

45 C A R R : Lechería - Apaxco

CLAVE: 15018

RUTA: EM-006

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
Huehuetoca	26.50	3	0	5307	34.9	38.7	49.3	5.3	37.2	47.8	54.0	7.8	37.2	49.4	54.2	10.5	19.847108	-99.210117
Apaxco	45.70	1	0	7045	34.3	37.5	45.0	5.3	33.1	34.7	51.6	6.4	36.1	47.9	54.2	9.6	19.962640	-99.177708

46 C A R R : Los Reyes - El Tephé

CLAVE: 00021

RUTA: EM-HGO

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. México - Pachuca (Libre)	0.00																	
Los Reyes	1.35	3	1	7266	53.2	58.0	66.3	7.0	49.6	53.4	63.8	7.4	50.9	53.5	63.7	6.8	19.769816	-98.996718
Los Reyes	1.35	3	2	7667	65.4	74.1	88.6	10.3	65.7	74.0	85.2	10.2	62.0	71.6	84.6	10.5	19.769816	-98.996719
Zumpango	15.35	1	1	10058	55.3	61.4	82.4	8.1	52.7	58.2	83.6	9.3	53.4	54.5	81.5	7.0	19.791211	-99.068938
Zumpango	15.35	1	2	9855	64.6	73.9	89.2	10.7	65.0	73.7	84.9	10.5	59.3	68.1	84.1	9.9	19.791211	-99.068938
Zumpango	15.35	3	0	16201	60.0	69.9	86.0	11.1	59.2	70.3	85.0	11.9	56.3	62.8	83.7	8.3	19.821421	-99.115375
Tequixquiac	29.00	1	0	7717	59.7	69.5	86.1	11.1	59.3	70.9	86.6	12.2	56.6	62.8	83.5	8.1	19.898905	-99.142490
Apaxco	39.00	3	1	3647	55.2	61.2	81.6	7.9	53.1	59.4	84.6	9.5	53.4	54.6	81.9	7.2	19.984781	-99.180127
Apaxco	39.00	3	2	4132	64.9	74.0	89.9	10.6	64.8	73.6	84.8	10.5	60.5	70.3	84.9	10.5	19.984782	-99.180127
Lim. Edos. Term. Mex. Ppia. Hgo.	40.00																	
T. Izq. Atotonilco (1º Acceso)	42.00	1	0	5918	59.9	69.8	86.2	11.2	59.6	70.9	85.9	12.1	56.3	62.8	83.6	8.3	19.999865	-99.188693
X. C. Arco Norte de La Ciudad de México	50.00	3	1	5782	55.1	61.2	81.5	7.9	53.4	60.3	87.6	9.8	53.7	54.5	83.7	7.2	20.069648	-99.220523
X. C. Arco Norte de La Ciudad de México	50.00	3	2	5658	64.9	74.0	89.5	10.6	65.1	73.7	84.9	10.3	59.7	68.6	84.5	9.9	20.069648	-99.220523
Tlaxcoapan	52.00	3	0	8329	59.8	69.6	86.0	11.1	59.2	70.5	86.6	12.1	57.4	66.6	84.6	10.0	20.106446	-99.221889
Tlahuelilpan de Ocampo	60.00	3	1	8409	55.1	61.2	81.5	7.9	53.2	59.2	86.6	9.5	53.9	54.7	84.6	7.3	20.150053	-99.234086
Tlahuelilpan de Ocampo	60.00	3	2	7494	65.0	74.0	89.4	10.5	65.0	73.7	85.0	10.4	60.1	69.5	84.2	10.2	20.150053	-99.234085
Progreso	72.00	1	1	9386	30.5	34.4	44.0	7.8	36.4	48.8	54.8	11.5	35.6	49.5	54.5	11.7	20.239499	-99.192934
Progreso	72.00	1	2	9793	35.6	40.5	51.7	6.2	36.9	43.1	53.9	8.0	39.6	49.7	55.0	11.5	20.239499	-99.192935
El Tephé	97.00	1	0	6788	54.9	60.9	71.1	7.1	53.5	60.0	70.4	8.3	53.4	58.3	71.0	7.8	20.437508	-99.172859

47 C A R R : Mexicalcingo - Xalatlaco

CLAVE: 15028

RUTA: EM-044

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
Mexicalcingo	0.00	3	1	6899	57.4	64.1	75.5	9.3	52.1	59.7	69.8	9.3	51.9	60.8	72.6	10.5	19.204355	-99.570077
Mexicalcingo	0.00	3	2	6975	68.1	81.7	100.1	14.4	65.5	81.4	97.1	15.5	64.7	82.4	103.8	17.7	19.204355	-99.570077
Santiago Tianguistenco	12.60	1	1	8752	66.6	75.2	91.2	10.9	59.5	68.3	82.4	10.5	59.0	70.6	89.8	13.0	19.182467	-99.484033
Santiago Tianguistenco	12.60	1	2	8685	71.2	82.1	97.0	12.5	66.6	78.6	93.5	12.6	63.9	78.7	95.7	14.6	19.182478	-99.484038

MEXICO

47 CARR: Mexicalcingo - Xalatlaco

CLAVE: 15028

ruta: EM-044

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Xalatlaco	18.60	1	1	6592	58.2	63.5	74.2	8.2	51.3	56.1	65.4	8.6	52.0	61.3	73.6	10.9	19.178875	-99.440117
Xalatlaco	18.60	1	2	6681	76.5	84.7	101.7	10.7	64.6	74.7	85.2	11.0	72.5	83.3	100.4	12.5	19.178874	-99.440115

48 CARR: Nicolás Romero - T. C. (Ixtlahuaca de R. - Naucalpan)

CLAVE: 15026

ruta: EM-043

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Nicolás Romero	0.00	3	0	7197	47.1	52.0	60.6	7.1	42.4	44.4	53.3	5.8	48.7	52.6	54.7	7.7	19.609254	-99.326219
Tlazala de Fabela	15.50	1	0	2971	46.8	51.8	60.9	7.0	43.7	45.8	53.8	5.2	45.5	51.2	54.6	7.5	19.565845	-99.408167
T. C. Ixtlahuaca de Rayón - Naucalpan	28.40	1	0	2973	46.6	51.6	60.8	7.0	43.6	45.3	53.7	5.1	42.3	48.7	54.4	8.0	19.534155	-99.453730

49 CARR: Ocoyoacac - Santiago Tianguistenco

CLAVE: 15021

ruta: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Toluca	0.00	3	0	11721	42.5	49.0	64.3	8.5	40.7	51.0	64.6	10.8	38.7	49.5	67.3	11.1	19.279777	-99.484590
Ocoyoacac	4.00	3	0	7432	47.2	52.4	64.4	7.4	47.2	56.6	71.2	10.5	46.4	54.7	72.9	10.3	19.266214	-99.466439
X. C. Amomolulco - Texcalyacac	6.80	3	0	14197	45.3	47.3	54.3	3.9	38.6	41.3	49.0	5.6	37.2	40.8	49.4	5.5	19.237832	-99.472448
Capulhuac	12.00	1	1	5355	45.3	47.4	54.3	3.9	38.8	41.6	50.3	5.6	38.1	41.8	51.7	5.9	19.207543	-99.464191
Capulhuac	12.00	1	2	5163	45.3	47.6	54.4	4.1	38.7	41.6	49.7	5.6	38.3	41.7	51.2	5.8	19.207523	-99.464186
Santiago Tianguistenco	13.00																	

50 CARR: Otumba - Tizayuca

CLAVE: 00012

ruta: EM-HGO

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Otumba	0.00	3	0	6139	46.5	52.7	84.0	10.2	45.4	51.7	54.9	8.7	47.4	52.6	61.1	9.7	19.709290	-98.757783
X. C. Venta de Carpio - Tulancingo	6.00	3	0	4058	55.0	64.8	83.0	11.1	50.9	55.0	72.3	9.1	47.1	56.5	74.8	11.6	19.755596	-98.756656
Temascalapa	26.50	3	0	6531	38.7	44.0	93.3	9.8	35.0	45.6	53.8	7.0	33.8	45.8	54.1	9.4	19.830177	-98.913361
Lim. Edos. Term. Mex. Ppia. Hgo.	29.00																	
Tizayuca	37.10	1	1	8574	47.0	51.9	62.1	6.9	44.0	49.2	59.8	7.0	41.5	47.1	55.4	8.2	19.837712	-98.959824
Tizayuca	37.10	1	2	8698	48.7	52.9	62.7	7.1	44.0	48.5	54.3	6.0	43.5	48.6	54.8	6.9	19.837712	-98.959823

MEXICO

51 C A R R : Polotitlán - Taxhie				CLAVE:								RUTA :				EM-623				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
Polotitlán				0.00	3	0	5187	56.3	64.8	82.9	10.2	51.4	53.4	60.6	5.9	51.0	61.7	82.7	12.1	20.231126	-99.833128
Taxhie				11.00	1	0	3544	56.3	64.9	83.3	10.3	48.8	54.7	64.3	8.6	50.8	59.8	81.0	11.2	20.229805	-99.898496

52	C A R R : Puente Grande - San José del Vidrio							CLAVE: 15016				RUTA : EM-021				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
Santa Bárbara								0.00																	
Tepotzotlán								3.00	3	0	13415	37.4	41.3	50.3	5.9	37.1	41.6	53.0	6.3	36.6	40.1	61.4	7.3	19.706192	-99.237481
T. Der. Arcos del Sitio								14.00	3	0	3761	41.7	45.9	56.3	7.5	36.9	42.0	52.4	7.0	38.8	47.6	54.5	9.5	19.702221	-99.321031
T. C. Tlalnepantla - San Gabriel								33.00	1	0	5149	41.7	45.7	55.1	7.4	37.0	41.9	52.3	6.9	37.1	42.7	54.3	8.2	19.645909	-99.389870

53 CARR: Ramal a C.I.C.I.T.E.C.					CLAVE: 00143								RUTA: EM				AÑO : 2012					
LUGAR					ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
					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 Gregorio - Oaxtepec)					0.00	3	0	1018	64.2	75.5	94.5	12.1	59.3	70.1	81.7	10.7	56.5	65.5	81.1	8.7	19.094330	-98.933505
C.I.C.I.T.E.C.					4.20																	

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. Ixtapan de La Sal - Las Juntas				0.00	3	0	3303	59.8	64.5	74.5	8.1	55.8	60.1	70.9	5.8	56.1	62.2	74.7	7.9	18.835826	-99.732912
T. C. Vuelta del Agua - Zacualpan				15.00	1	0	2185	47.4	54.1	70.3	8.8	42.8	50.1	58.7	8.8	43.5	51.2	67.8	9.5	18.813656	-99.789995

[illegible]

MEXICO

56 C A R R : San Luis Mextepec - Valle de Bravo

CLAVE: 15001

RUTA: EM-001

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. Toluca - Morelia	0.00	3	1	9791	68.3	78.4	142.3	19.2	63.2	74.1	139.0	16.2	60.4	73.7	138.5	17.4	19.297868	-99.755879
T. C. Toluca - Morelia	0.00	3	2	10248	59.4	63.4	73.8	7.8	52.4	56.6	68.3	7.6	51.9	58.0	70.0	8.6	19.297869	-99.755880
Agua Bendita	39.00	1	0	1717	52.9	60.3	71.2	9.1	51.7	55.0	63.7	7.2	50.2	54.9	66.8	9.4	19.275878	-99.940683
Salitre	66.05	1	0	4909	52.9	60.3	71.2	9.1	51.8	58.8	71.2	9.3	49.5	56.7	70.3	10.7	19.225430	-100.126220
Valle de Bravo	68.00																	

57 C A R R : San Martín de Las Pirámides - San Miguel Atlamajac

CLAVE: 15001

RUTA: EM

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 Martín de Las Pirámides	0.00	3	0	2931	51.1	60.6	79.9	10.8	53.3	66.8	110.4	15.7	49.1	61.5	87.1	13.5	19.710105	-98.845293
San Luis Tecuautitlán	12.50	1	0	2977	39.8	47.9	59.5	9.0	39.4	51.0	54.6	13.0	43.0	51.9	54.8	11.9	19.758515	-98.873037
San Miguel Atlamajac	18.00	1	0	3532	39.7	47.6	59.6	9.0	38.2	50.5	54.4	12.9	37.7	47.4	58.1	10.7	19.754310	-98.925327

58 C A R R : San Pedro Barrientos - Ecatepec

CLAVE: 15015

RUTA: EM

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
Ent. San Pedro Barrientos	0.00																	
T. Izq. Lechería	2.29	1	1	36813	69.5	82.1	103.5	13.5	71.7	90.3	112.5	17.1	65.7	86.3	111.5	18.5	19.589046	-99.191307
T. Izq. Lechería	2.29	1	2	36590	63.3	71.4	84.8	9.9	53.5	62.1	74.4	10.0	54.4	63.4	79.5	10.8	19.588583	-99.192757
T. Izq. Lechería	2.29	3	1	39575	53.8	60.7	98.5	10.8	52.4	63.7	89.8	12.5	49.1	57.1	88.0	12.3	19.593297	-99.184435
T. Izq. Lechería	2.29	3	2	39017	65.8	76.8	107.9	12.8	62.2	73.1	97.1	11.9	60.0	71.0	102.1	13.0	19.593446	-99.184562
T. Izq. Tultepec	12.20	1	1	39491	60.1	74.9	104.1	16.1	65.0	88.3	137.1	21.8	53.2	71.3	104.5	18.8	19.634275	-99.114870
T. Izq. Tultepec	12.20	1	2	40505	64.5	74.8	102.9	12.7	67.3	81.4	105.6	14.5	59.3	71.7	99.5	13.5	19.634530	-99.114870
T. Izq. Tepexpan (Ent. Guadalupe Victoria)	18.43	1	1	47290	59.8	70.8	94.4	13.5	50.3	63.1	92.8	15.2	49.6	61.8	85.7	14.6	19.615141	-99.062161
T. Izq. Tepexpan (Ent. Guadalupe Victoria)	18.43	1	2	47557	57.4	71.4	101.7	15.4	54.8	69.4	99.3	15.2	48.2	62.8	92.7	16.4	19.615140	-99.062146
T. C. México - Pachuca (Libre)	20.00																	

59 C A R R : Santa Elena - Coacalco

CLAVE: 15057

RUTA: EM

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. Cuautitlán - Zumpango de Ocampo	0.00	3	1	6651	32.6	33.2	73.4	7.2	38.0	50.8	128.6	15.0	27.5	33.3	53.3	9.0	19.672179	-99.156286
T. C. Cuautitlán - Zumpango de Ocampo	0.00	3	2	6694	31.2	32.9	74.7	8.2	35.9	50.5	54.8	14.5	27.2	33.4	53.4	9.1	19.672179	-99.156286

MEXICO

59 C A R R : Santa Elena - Coacalco

CLAVE: 15057

RUTA: EM

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. Barrientos - Ecatepec	9.30	1	1	14812	52.7	62.1	93.6	12.9	52.0	57.6	71.3	9.3	49.1	54.5	68.9	10.6	19.638276	-99.113072
T. C. Barrientos - Ecatepec	9.30	1	2	14811	57.2	63.4	95.4	10.4	52.4	56.3	64.5	7.0	50.2	54.4	66.7	8.5	19.638346	-99.112892

60 C A R R : Santa María Ajoloapan - Tianguistongo

CLAVE: 15057

RUTA: EM

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
Santa María Ajoloapan	0.00	3	0	2240	34.4	37.7	46.9	5.3	34.7	38.4	53.5	6.3	35.3	45.8	53.9	7.9	19.985071	-99.042285
Tianguistongo	3.00																	

61 C A R R : Santiago Tianguistenco - Chalma

CLAVE: 15013

RUTA: EM-004

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 Tianguistenco	0.00																	
X. C. La Marquesa - Tenango de Arista	2.00	3	0	10555	52.9	60.5	73.9	9.2	49.2	54.5	64.9	8.7	49.4	57.8	75.8	11.2	19.160910	-99.464435
San Nicolás Coatepec	8.80	1	0	6998	60.0	70.9	88.2	12.1	58.1	63.4	74.2	7.2	56.1	64.7	83.8	10.2	19.135223	-99.439041
San Nicolás Coatepec	8.80	3	0	5800	57.7	68.9	86.1	12.3	57.0	66.6	83.2	11.2	57.5	67.5	85.0	11.6	19.129645	-99.426785
T. Izq. Lagunas de Zempoala	19.80	3	0	3980	58.4	69.2	85.8	12.0	57.4	66.4	81.9	10.6	55.9	65.3	83.4	11.1	19.053211	-99.383625
Ocuilan de Arteaga	34.00	3	0	3799	57.9	68.4	85.4	11.8	56.0	57.6	71.3	4.4	56.0	64.9	83.6	10.7	18.983429	-99.424192
Chalma	42.50																	

62 C A R R : Santo Domingo - T. C. (México - Querétaro)

CLAVE: 00433

RUTA: EM-011-HGO

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. Toluca - Palmillas	0.00	3	0	6743	56.5	64.7	81.8	9.8	50.2	58.9	71.5	10.2	49.3	59.4	76.4	11.9	19.621680	-99.775706
X. C. Los Reyes - Ixtlahuaca	6.11	3	0	6148	66.1	81.5	102.9	15.3	60.4	72.5	91.2	12.8	61.7	75.4	94.7	14.4	19.655801	-99.728061
X. C. Villa del Carbón - Atlacomulco	23.94	3	0	5219	65.6	78.5	104.1	13.6	55.6	63.0	76.1	8.5	58.6	70.1	89.2	12.3	19.786642	-99.702174
T. Der. Chapa de Mota	42.70	1	0	8292	48.5	54.0	64.9	8.5	47.7	53.2	65.9	8.4	49.7	53.2	63.1	8.1	19.925942	-99.582753
Lim. Edos. Term. Mex. Ppia. Hgo.	63.34																	
T. C. México - Querétaro (Cuota)	65.84	1	1	4121	51.7	58.2	69.6	8.7	51.1	57.3	70.6	9.1	50.9	54.1	64.9	7.7	19.978667	-99.441646
T. C. México - Querétaro (Cuota)	65.84	1	2	3973	45.3	50.4	56.7	6.3	44.2	49.0	54.4	6.1	47.9	52.2	54.8	8.0	19.978732	-99.441640

MEXICO

63 CARR: T. C. (Atacomulco - Morelia) - San Felipe del Progreso

CLAVE: 15006

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Atacomulco - Morelia	0.00	3	1	7736	61.9	68.1	82.3	9.2	51.9	54.7	64.4	7.1	51.2	60.5	73.6	11.1	19.780419	-99.902660
T. C. Atacomulco - Morelia	0.00	3	2	7543	76.8	86.9	102.5	11.5	67.6	74.9	84.1	9.6	68.7	80.1	94.9	12.7	19.780418	-99.902656
San Felipe del Progreso	10.50	1	1	5792	83.6	94.2	111.1	12.0	70.3	81.8	92.9	12.8	77.8	89.3	104.5	12.4	19.734077	-99.942059
San Felipe del Progreso	10.50	1	2	5867	80.2	89.2	102.3	10.6	71.5	80.9	90.3	11.2	76.8	84.8	97.4	10.1	19.734071	-99.942070

64 CARR: T. C. (Atacomulco - Morelia) - Temascalcingo

CLAVE: 15019

RUTA: EM-033

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Atacomulco - Morelia	0.00	3	0	5784	46.9	52.2	63.4	7.3	41.4	49.0	54.2	8.3	38.2	43.8	54.9	8.0	19.809608	-100.019201
Cuachotitlán	10.00	1	0	5041	55.8	62.4	74.2	8.2	53.0	54.8	63.9	5.6	51.7	58.7	72.6	9.4	19.860607	-100.043864
Temascalcingo	15.00	1	0	4940	55.9	62.5	74.3	8.2	53.4	55.4	64.5	5.7	52.2	55.4	70.8	7.9	19.905182	-100.022496

65 CARR: T. C. (Chalco - Mixquic) - Temamatla

CLAVE: 15075

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Chalco - Mixquic	0.00	3	0	5131	47.8	53.2	64.2	8.4	49.6	54.2	141.4	15.8	44.8	52.0	80.4	10.6	19.228593	-98.914011
Temamatla	6.60	1	0	3481	47.4	53.1	64.2	8.5	48.0	52.4	118.4	11.9	46.5	52.6	67.3	10.1	19.204470	-98.873302

66 CARR: T. C. (Dos Casas - Ixtapan del Oro) - Donato Guerra

CLAVE: 15034

RUTA: EM-057

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Dos Casas - Ixtapan del Oro	0.00	3	0	1645	59.2	68.0	82.7	10.6	53.8	65.3	73.7	9.3	52.4	60.5	80.7	10.8	19.316677	-100.214895
Donato Guerra	9.00	1	0	2180	50.6	56.9	68.3	9.2	44.1	48.1	54.1	5.7	45.1	52.3	63.9	9.6	19.309498	-100.148694

67 CARR: T. C. (El Monumento - Tingambato) - Donato Guerra

CLAVE: 15035

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. El Monumento - Tingambato	0.00	3	0	2536	64.3	72.4	84.6	9.5	56.1	65.7	82.2	11.2	56.2	64.8	81.8	10.8	19.300467	-100.116737
Donato Guerra	7.30	1	0	2893	48.5	52.8	61.8	8.2	47.9	53.4	86.0	11.3	46.9	52.6	62.4	9.7	19.305656	-100.145686

MEXICO

68 CARR: T. C. (Ixtilahuaca de Rayón - Naucalpan) - Mayorazgo

CLAVE: 15067

RUTA: EM-004

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Ixtilahuaca de Rayón - Naucalpan	0.00	3	0	4477	46.9	52.4	63.4	7.6	42.7	49.9	59.5	9.3	40.2	48.1	54.9	9.4	19.521355	-99.467230
Santa Ana Jilotzingo	10.00	3	0	2997	60.8	72.8	100.4	13.9	56.5	54.4	73.6	3.0	57.3	63.5	92.7	9.2	19.443915	-99.491240
Mayorazgo	16.60	1	0	4671	43.2	50.2	64.2	8.7	36.8	44.4	58.6	9.2	35.8	43.2	60.1	9.0	19.419344	-99.505857
T. C. Naucalpan - Toluca	18.10																	

69 CARR: T. C. (Ixtilahuaca de Rayón - Naucalpan) - Temoaya

CLAVE: 15577

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Ixtilahuaca de Rayón - Naucalpan	0.00	3	0	1608	47.8	52.7	63.3	7.6	43.8	50.7	54.7	9.0	47.4	52.5	54.7	8.9	19.538117	-99.497099
Temoaya	12.00	1	0	4174	50.7	53.5	62.7	6.4	49.6	53.1	61.9	6.8	49.6	53.1	63.3	7.7	19.473307	-99.586242
San Pedro Arriba	15.00	1	0	1252	46.2	53.5	69.4	9.5	44.3	51.6	58.5	9.2	43.6	52.0	64.4	10.5	19.502919	-99.552842
San Pedro Arriba	15.00	3	0	3441	46.1	53.8	70.9	9.8	42.8	51.5	64.1	10.7	43.1	52.2	70.6	11.2	19.482523	-99.568045

70 CARR: T. C. (Los Reyes - El Tephé) - Tianguistongo

CLAVE: 15051

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Los Reyes - El Tephé	0.00	3	0	6139	63.0	74.8	93.8	12.8	60.4	71.7	85.6	11.9	56.2	64.1	84.3	9.2	19.839762	-99.119021
X. C. Arco Norte de La Ciudad de México	15.50	1	0	3047	63.4	75.4	94.4	12.9	60.1	71.6	85.1	11.9	57.5	66.9	84.7	10.1	19.952332	-99.054752
X. C. Arco Norte de La Ciudad de México	15.50	3	0	3021	62.8	74.6	93.8	12.9	60.2	71.4	84.6	11.7	56.9	65.0	83.3	9.2	19.960767	-99.053627
Tianguistongo	20.50	1	0	1569	63.3	75.3	94.0	12.9	59.2	68.3	81.6	9.6	57.1	64.6	81.9	8.5	19.995859	-99.040658

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

CLAVE: 00014

RUTA: EM-HGO

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Los Reyes - El Tephé	0.00	3	0	4035	34.4	37.7	45.6	5.3	33.6	34.7	52.9	6.5	36.5	48.6	54.2	10.0	19.784379	-99.025627
Lim. Edos. Term. Mex. Ppia. Hgo.	6.50																	
Tizayuca	8.00	1	0	7866	30.0	32.8	42.3	6.2	29.4	31.5	53.3	7.5	28.7	31.8	52.5	7.4	19.826041	-98.990455

MEXICO

72 CARR: T. C. (México - Mixquic) - San Pablo Atlazalpan

CLAVE: 00044

ruta: EM-106-DF

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Mixquic	0.00	3	0	6314	34.8	40.4	65.6	8.9	42.5	51.9	60.6	14.2	37.9	50.6	54.7	12.5	19.209485	-98.967245
Lim. Edos. Term. D. F. Ppia. Mex.	2.00																	
San Pablo Atlazalpan	7.00																	

73 CARR: T. C. (México - Puebla (Libre)) - San Vicente

CLAVE: 15041

ruta: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Puebla (Libre)	0.00	3	1	14958	54.0	63.1	80.7	10.6	54.1	61.1	74.0	8.3	50.5	59.0	75.4	11.0	19.318406	-98.870403
T. C. México - Puebla (Libre)	0.00	3	2	15191	56.1	64.2	84.4	9.6	56.9	63.8	84.2	9.0	54.7	62.6	86.3	9.7	19.318409	-98.870401
Chicoloapan de Juárez	14.20	1	0	7875	32.7	34.8	44.7	6.2	28.7	32.5	52.8	8.0	26.0	30.2	50.3	7.2	19.406268	-98.887957
Chicoloapan de Juárez	14.20	3	0	15121	32.9	35.0	44.9	6.3	28.3	32.5	51.8	7.7	28.2	34.0	53.3	9.1	19.416265	-98.915041
T. C. Los Reyes - Zacatepec	16.20																	

74 CARR: T. C. (Santa Bárbara - Huajuapán) - Tepetitlpa

CLAVE: 15570

ruta: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Santa Bárbara - Izúcar de Matamoros	0.00	3	1	8639	53.2	58.8	70.5	7.6	52.7	53.1	54.7	3.7	45.7	52.8	64.6	8.7	19.237911	-98.858724
T. C. Santa Bárbara - Izúcar de Matamoros	0.00	3	2	8577	52.8	55.5	64.6	6.4	51.7	52.8	54.7	4.5	46.7	52.2	62.7	7.7	19.237909	-98.858723
Temamatla	4.43	1	0	10413	63.0	71.8	87.7	10.4	57.3	60.1	71.0	4.9	59.3	68.8	86.2	11.5	19.215136	-98.868211
Temamatla	4.43	3	0	6821	62.9	71.9	88.4	10.5	57.6	60.8	71.8	5.3	59.6	69.0	86.8	11.4	19.199431	-98.872665
Tenango del Aire	10.35	1	0	7244	62.9	72.2	91.4	10.9	58.0	63.1	74.9	7.0	59.8	70.8	91.9	12.3	19.161156	-98.863657
Juchitepec	17.58	1	0	5310	57.6	68.9	85.1	12.6	57.0	70.3	88.5	13.2	56.3	69.8	87.0	13.5	19.114733	-98.880916
Tepetitlpa	29.45	1	0	3363	46.3	52.3	66.6	7.7	45.2	52.7	64.4	8.9	44.5	52.7	69.6	9.5	19.035945	-98.809970

75 CARR: T. C. (Toluca - Cd. Altamirano) - Valle de Bravo

CLAVE: 15572

ruta: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Toluca - Cd. Altamirano	0.00	3	0	1759	57.6	62.0	71.1	6.7	48.2	53.5	62.5	9.0	48.3	53.9	63.9	9.1	19.147389	-99.916601
El Fresno	17.00	1	0	2937	58.7	64.1	74.9	8.3	57.3	60.1	139.4	9.9	52.6	59.4	73.0	9.3	19.146579	-100.067575
Valle de Bravo	25.00	1	0	4049	41.4	48.5	58.0	9.1	39.5	44.8	53.6	8.6	37.2	44.6	54.6	9.5	19.177526	-100.118442

MEXICO

76 C A R R : T. C. (Toluca - Morelia) - Almoloya de Juárez					CLAVE: 15029				RUTA: EM-046				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. Toluca - Morelia					0.00	3	1	12914	67.9	86.5	130.9	18.5	61.0	78.0	98.0	14.5	63.4	82.0	127.5	17.9	19.302964	-99.726290
T. C. Toluca - Morelia					0.00	3	2	12594	67.7	86.0	130.7	18.4	60.6	77.6	97.8	14.4	63.2	81.9	125.7	17.7	19.302967	-99.726297
Almoloya de Juárez					10.00	1	0	14292	54.8	62.8	80.7	10.0	55.1	62.4	83.4	9.0	51.8	60.2	78.3	11.6	19.364985	-99.753036

77 C A R R : T. C. (Toluca - Morelia) - San Nicolás Guadalupe				CLAVE:				RUTA: EM-383				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. (Toluca - Morelia)				0.00	3	0	3283	33.2	36.3	46.5	6.3	32.7	40.5	53.5	8.5	40.4	51.5	54.5	12.9	19.429659	-99.890333
Yebuciví				10.38	1	0	1679	32.9	35.9	44.5	6.2	30.6	33.5	52.0	7.5	31.2	34.6	52.7	8.2	19.503089	-99.905107
Yebuciví				10.38	3	0	1558	57.8	69.4	87.8	12.4	50.2	58.4	64.1	9.8	49.2	59.7	77.7	12.0	19.511856	-99.914922
T. Der. San Pedro el Alto				22.31	1	0	1881	48.6	59.7	73.9	11.3	44.2	53.1	62.4	11.7	42.0	51.9	72.3	12.3	19.585297	-99.960903
T. Der. San Pedro el Alto				22.31	3	0	2276	48.5	59.7	73.9	11.3	45.0	54.5	63.5	12.0	41.7	51.7	72.0	12.2	19.586860	-99.964042
San Nicolás Guadalupe				35.71	3	0	1226	54.7	61.8	72.4	8.4	47.5	51.6	54.5	6.6	47.6	52.6	64.4	8.6	19.629936	-100.040010

78 C A R R : T. C. (Toluca - Palmillas) - Agostadero					CLAVE: 15049				RUTA: EM				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. Toluca - Palmillas				0.00																	
El Agostadero				17.00 1 0 1021				37.1 44.5 54.0 7.8				31.9 41.0 52.2 9.8				35.7 48.2 54.1 10.8				20.041935 -99.991578	

79 C A R R : T. C. (Toluca - Palmillas) - Jiquipilco					CLAVE: 15032				RUTA: EM-053				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. Toluca - Palmillas					0.00																	
T. Izq. San Pablo Autopan					3.40	3	0	4650	34.6	41.6	53.3	8.2	37.2	42.6	55.7	9.3	35.9	46.7	54.8	10.3	19.354464	-99.643299
X. C. Lib. Nororiente de Toluca (Cuota)					12.10	1	1	4195	67.1	76.7	92.9	11.2	61.8	68.6	80.9	8.8	60.7	70.1	84.4	11.0	19.408536	-99.619532
X. C. Lib. Nororiente de Toluca (Cuota)					12.10	1	2	4081	69.1	78.5	91.3	10.8	65.5	72.4	82.6	9.2	64.3	72.6	83.7	10.4	19.408536	-99.619532
X. C. Lib. Nororiente de Toluca (Cuota)					12.10	3	1	6414	58.0	63.7	73.7	8.4	51.0	54.8	63.8	8.0	49.5	55.8	64.9	9.4	19.416849	-99.616634
X. C. Lib. Nororiente de Toluca (Cuota)					12.10	3	2	6078	58.0	63.2	73.5	7.8	50.5	53.8	64.7	7.5	50.2	54.4	71.2	9.0	19.416849	-99.616634
X. C. Amomolulco - Presa Alzate					16.10	1	1	5802	51.9	57.3	67.9	7.9	47.8	52.8	62.9	7.9	46.3	52.7	63.7	8.4	19.432984	-99.610622
X. C. Amomolulco - Presa Alzate					16.10	1	2	5838	45.8	50.3	54.9	5.9	39.5	43.1	52.8	6.6	43.2	50.6	54.9	9.0	19.432983	-99.610622
Temoaya					20.00	1	1	8145	47.8	52.5	62.5	7.2	41.1	43.6	53.9	6.5	40.5	43.9	54.7	7.5	19.451380	-99.600762

MEXICO

79 CARR: T. C. (Toluca - Palmillas) - Jiquipilco

CLAVE: 15032

RUTA: EM-053

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Temoaya	20.00	1	2	7870	61.1	71.1	88.9	11.3	61.3	69.4	82.7	9.8	57.3	66.9	87.2	11.9	19.451414	-99.600763
Jiquipilco	37.00	1	0	4291	46.3	53.8	70.8	9.8	46.1	52.2	56.9	8.9	44.2	52.4	67.0	10.5	19.545361	-99.608083

80 CARR: T. C. (Toluca - Palmillas) - Jocotitlán

CLAVE: 15052

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. Toluca - Palmillas	0.00	3	0	1231	38.2	48.3	54.9	10.9	41.9	51.5	54.8	12.1	41.6	51.9	62.6	13.5	19.548878	-99.747984
X. C. Ixtlahuaca de Rayón - Santo Domingo	3.80	3	0	4375	45.0	50.8	62.5	6.8	41.2	49.3	61.0	9.6	41.8	48.9	67.1	10.1	19.569803	-99.742400
T. C. Santo Domingo - T. C. (México - Querétaro (Cuota))	13.15	3	0	3899	60.7	71.1	87.7	11.5	55.1	66.7	80.2	11.4	53.9	65.3	81.4	12.2	19.657301	-99.729713
Jocotitlán	24.65																	

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

CLAVE: 00195

RUTA: EM-003-MICH

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. V. Victoria - El Oro de Hidalgo	0.00	3	1	3367	73.4	83.2	99.6	11.1	58.0	62.8	75.3	6.0	66.4	78.6	93.6	12.8	19.651607	-100.135527
T. C. V. Victoria - El Oro de Hidalgo	0.00	3	2	3372	72.3	82.7	99.6	11.8	56.7	55.3	71.7	3.8	64.7	77.3	92.8	13.0	19.651607	-100.135527
Lim. Edos. Term. Mex. Ppia. Mich	17.70																	
Angangueo	24.00	1	0	1074	37.6	48.2	65.9	11.6	30.5	48.3	54.1	13.3	29.0	41.5	70.8	12.8	19.636536	-100.273389

82 CARR: Tecámac - Ent. Atlatongo

CLAVE: 15070

RUTA: EM

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	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. México - Pachuca (Libre)	0.00																	
T. C. México - Tizayuca (Cuota)	1.10	3	0	10809	59.6	67.7	85.0	10.4	58.0	66.0	83.7	10.6	56.8	66.0	88.5	11.6	19.708872	-98.957962
T. C. Venta de Carpio - T. C. (Pachuca - Tulancingo)	8.30	1	0	5937	55.0	64.0	82.8	9.8	52.5	62.0	79.7	10.7	51.8	62.3	83.0	11.8	19.685132	-98.903355

83 CARR: Tejuipilco de Hidalgo - Tlatlaya

CLAVE: 15060

RUTA: EM-008

AÑO: 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tejuipilco de Hidalgo	0.00	3	0	5372	55.6	62.6	79.5	8.9	50.7	54.7	63.5	7.4	51.7	58.5	74.6	9.9	18.878064	-100.141039
Tlatlaya	50.00																	

MEXICO

84 C A R R : Temascaltepec de González - El Fresno

CLAVE:

RUTA: EM-086

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
Temascaltepec de González	0.00	3	0	3317	52.2	59.9	73.9	9.3	45.6	56.4	68.5	12.4	47.8	58.6	76.9	12.1	19.048645	-100.054310
T. Izq. Zacazonapan	5.10	1	0	2656	52.2	60.1	74.1	9.4	46.4	57.5	70.3	12.7	49.4	54.8	70.6	10.1	19.058680	-100.056907
T. Izq. Zacazonapan	5.10	3	0	2142	52.1	60.0	74.2	9.4	46.0	56.2	66.6	12.4	49.7	55.4	72.8	10.2	19.061140	-100.058862
El Fresno	18.35	1	0	4590	46.0	51.8	62.0	7.5	41.7	50.0	54.3	10.0	39.9	48.5	60.4	10.8	19.139568	-100.067189

85 C A R R : Temascaltepec de González - Zuluapan

CLAVE:

RUTA: EM-071

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. Temascaltepec de González	0.00	3	0	1638	43.0	45.0	54.1	6.0	44.0	48.7	54.2	6.1	38.6	43.0	53.5	8.0	19.059351	-100.059661
Zacazonapan	3.30	1	0	1121	51.6	60.1	74.8	10.1	47.3	58.4	64.1	11.6	43.9	52.9	66.8	11.1	19.065500	-100.244356
Zacazonapan	3.30	3	0	704	42.5	48.0	59.1	7.8	43.2	51.5	54.5	10.4	40.4	49.9	61.3	10.7	19.081629	-100.261337
Zuluapan	47.00	1	0	706	44.4	49.4	57.8	6.4	47.7	51.7	54.6	6.6	42.0	46.0	54.9	7.6	19.140639	-100.314669

86 C A R R : Tenancingo - Chalma

CLAVE: 15024

RUTA: EM

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. Toluca - Axixintla	0.00	3	0	7015	45.4	51.2	63.1	7.0	41.1	48.3	55.5	8.6	42.6	48.6	65.3	9.0	18.956121	-99.564075
Malinalco	28.65	1	0	7607	45.8	51.6	63.5	7.3	42.0	49.6	54.9	8.8	44.8	51.7	64.9	9.6	18.961083	-99.490789
Chalma	36.86	1	0	5543	48.8	54.7	73.7	10.2	46.5	51.8	54.8	7.9	43.8	52.2	64.6	10.5	18.925891	-99.440917

87 C A R R : Tenancingo - San Simón El Alto

CLAVE: 15042

RUTA: EM

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
Tenancingo	0.00	3	0	2438	30.9	33.9	44.3	6.8	38.0	45.0	141.0	14.8	28.5	32.7	52.6	8.0	18.947633	-99.581715
San Miguel Tecamatlán	8.80	1	0	3584	59.0	68.2	84.0	10.8	52.4	67.3	90.8	14.5	51.7	64.3	90.2	13.9	18.973670	-99.529795
San Simón El Alto	11.00	1	0	949	49.9	57.8	74.9	10.5	51.2	53.3	59.8	6.1	49.8	54.8	78.0	11.4	18.996195	-99.510039

88 C A R R : Tenancingo de Degollado - San Andrés Nicolás Bravo

CLAVE: 15042

RUTA: EM

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
Tenancingo de Degollado	0.00	3	0	4036	53.4	61.7	74.6	9.9	52.1	57.0	70.5	8.6	49.5	57.9	74.3	11.0	18.951964	-99.601645

MEXICO

88 C A R R : Tenancingo de Degollado - San Andrés Nicolás Bravo

CLAVE: 15042

RUTA: EM

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
Zumpahuacán	18.00	1	0	4060	55.2	61.9	73.2	7.9	50.0	54.0	64.0	7.8	46.4	55.1	70.5	10.8	18.842253	-99.591020
San Gaspar	27.00	1	0	1191	63.0	80.9	103.6	15.7	57.1	67.6	91.8	9.7	55.6	67.9	96.5	11.7	18.783695	-99.546398
San Andrés Nicolás Bravo	39.00	1	0	949	55.2	67.7	84.2	12.7	53.1	60.9	74.6	9.9	49.6	54.9	72.6	10.3	18.761347	-99.472790

89 C A R R : Tenango del Aire - Amecameca

CLAVE: 15074

RUTA: EM

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
Tenango del Aire	0.00	3	0	3010	54.7	63.3	80.5	10.1	49.4	56.0	63.8	10.1	51.5	61.5	83.7	12.2	19.149402	-98.851743
Amecameca	10.00	1	0	6015	43.5	49.0	60.6	7.4	40.5	46.0	57.6	8.6	40.3	45.4	61.7	9.1	19.130993	-98.780169

90 C A R R : Teoloyucan - Jaltenco

CLAVE: 15074

RUTA: EM

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
Teoloyucan	0.00	3	0	4789	48.3	53.9	64.8	8.6	47.2	53.5	66.1	8.4	50.3	53.2	59.5	7.8	19.749143	-99.174555
Jaltenco	27.00	1	0	4808	60.2	70.3	86.8	11.3	58.9	70.3	84.1	11.8	57.0	64.5	83.7	9.1	19.750288	-99.112055

91 C A R R : Tepexpan - San Juan Teotihuacán

CLAVE: 15055

RUTA: EM

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
Tepexpan	0.00	3	0	6503	26.6	28.9	35.2	4.4	27.3	31.9	53.6	9.3	25.8	29.7	51.3	6.9	19.615016	-98.923997
Xometla	8.50	1	0	4171	38.3	43.3	53.9	7.9	41.8	47.4	140.6	17.2	34.2	39.8	59.3	8.7	19.638923	-98.884971
San Juan Teotihuacán	14.40	1	0	11923	31.4	34.0	44.1	6.3	35.7	47.2	54.9	11.1	37.4	50.2	54.7	12.3	19.673093	-98.871985

92 C A R R : Texcaltitlán - Zacualpan

CLAVE: 15031

RUTA: EM-007

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 Puerta - San Miguel Totolmaloya	0.00																	
Almoloya de Alquisiras	8.00	1	0	3707	43.5	50.2	63.1	8.2	38.1	44.9	61.4	9.7	39.8	48.6	59.9	10.3	18.866911	-99.898172
Zacualpan	43.00	1	0	1442	43.8	50.4	63.2	8.1	41.3	50.8	54.9	10.7	40.8	50.5	54.9	10.9	18.725036	-99.776145

MEXICO

93 C A R R : Texcoco - San Miguel Tlaixpan

CLAVE: 15040

RUTA: EM

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
Texcoco	0.00	3	0	23418	49.1	54.2	65.9	8.2	41.9	50.5	61.1	9.6	46.7	52.7	62.0	9.7	19.514046	-98.868245
San Miguel Tlaixpan	7.40	1	0	7257	48.5	53.8	64.8	8.2	43.6	51.4	59.8	9.5	46.1	52.4	63.0	9.9	19.511857	-98.822476

94 C A R R : Tlalnepantla - San Gabriel

CLAVE: 15002

RUTA: EM-005-004

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
Tlalnepantla	0.00																	
X. C. México - Querétaro (Cuota)	2.97	3	1	24565	48.9	60.6	97.1	14.7	64.5	85.7	142.7	22.0	48.3	61.0	136.7	18.5	19.539470	-99.221392
X. C. México - Querétaro (Cuota)	2.97	3	2	24859	44.7	53.6	101.5	12.7	38.3	48.8	63.1	11.1	36.7	47.3	70.5	12.1	19.539466	-99.221395
La Colmena	12.90	3	1	20029	28.1	32.5	41.8	7.1	30.2	33.1	42.2	6.5	27.7	34.5	53.6	10.8	19.612791	-99.299815
La Colmena	12.90	3	2	20428	24.5	23.6	28.8	1.8	16.6	15.4	23.9	2.8	23.3	24.7	53.7	9.6	19.612984	-99.299952
T. Der. V. de la Hacienda	24.30	1	0	7404	26.2	28.8	38.0	4.6	23.3	29.8	40.1	7.9	23.3	27.9	50.1	8.0	19.640167	-99.362528
T. Der. V. de la Hacienda	24.30	3	0	7206	26.4	29.0	39.6	4.7	23.0	29.6	41.5	8.0	25.3	32.1	53.4	9.4	19.640856	-99.370486
T. Der. Tepetzotlán	26.98	1	0	14034	48.6	52.9	62.8	7.2	45.9	51.4	60.8	7.1	45.8	51.1	63.0	7.7	19.644961	-99.389821
T. Der. Tepetzotlán	26.98	3	0	9604	48.8	53.1	63.1	7.3	46.0	51.5	61.1	7.2	46.1	51.4	63.9	8.2	19.646687	-99.392855
Sta. María Magdalena Cahuacán	29.40	3	0	5749	48.7	53.0	62.9	7.3	46.0	51.4	60.7	7.0	46.0	51.1	61.0	7.2	19.643966	-99.416093
Villa del Carbón	48.40	1	0	2138	60.7	69.4	82.9	10.3	56.9	64.3	74.5	8.6	55.1	63.2	79.0	9.3	19.720510	-99.452878
Villa del Carbón	48.40	3	0	5793	46.8	53.6	66.5	9.1	44.2	51.0	61.3	8.3	42.9	51.0	64.5	10.4	19.729087	-99.480805
Chapa de Mota	67.60	1	0	3056	60.2	70.1	86.4	11.2	58.3	68.1	81.4	10.0	58.1	68.2	83.4	10.4	19.813232	-99.519085
T. C. San Francisco - Ent. Ojo de Agua	81.96																	

95 C A R R : Villa del Carbón - Atlacomulco

CLAVE: 15011

RUTA: EM-005

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. Tlalnepantla - San Gabriel	0.00	3	0	2721	46.9	49.9	54.7	4.8	46.7	50.1	54.4	5.1	44.1	47.6	54.3	5.7	19.734525	-99.482717
T. Der. San Bartolo Morelos	25.00	1	0	3393	67.2	78.9	98.9	12.8	63.2	74.5	136.0	16.6	67.7	89.8	136.2	20.6	19.764276	-99.671354
X. C. Santo Domingo - T. C. (México - Querétaro (Cuota))	29.00	3	0	3852	69.4	79.5	103.0	11.7	62.6	72.4	88.5	10.5	62.8	73.8	96.2	12.2	19.785088	-99.704842
Santiago Acutzilapan	36.00	1	0	3434	31.2	34.4	44.4	6.8	29.8	34.1	52.9	8.5	27.4	32.5	49.1	8.0	19.790296	-99.756178
Santiago Acutzilapan	36.00	3	0	4532	71.9	83.4	104.3	13.0	60.4	67.1	83.4	8.1	68.7	80.5	104.1	13.4	19.790258	-99.777569
Atlacomulco	50.00	1	0	8921	46.5	50.8	69.8	7.6	42.0	48.7	56.0	8.3	43.0	49.2	63.2	8.7	19.793842	-99.866623

MEXICO

96 C A R R : Villa Victoria - El Oro de Hidalgo

CLAVE: 15025

RUTA: EM-014-004

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
Villa Victoria	0.00	3	0	7305	63.8	74.3	93.7	12.4	58.9	63.5	80.7	6.8	59.9	71.1	91.1	12.5	19.448599	-100.018304
T. Izq. Angangueo	34.00	1	0	5283	68.0	76.4	93.3	10.7	59.4	64.4	75.0	7.2	62.9	72.8	91.7	11.6	19.646036	-100.125507
T. C. Atlacomulco - Morelia	57.00	1	0	3889	65.9	81.1	94.4	13.4	65.0	90.3	109.4	18.9	58.6	70.9	107.8	13.0	19.788433	-100.133703

97 C A R R : Xalatlaco - El Ajusco

CLAVE: 00017

RUTA: EM-DF

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. Ent. Cruz de La Misión - San Nicolás Coatepec	0.00	3	0	2192	36.7	41.9	53.8	7.0	38.6	49.3	54.5	11.5	36.3	48.5	54.4	11.0	19.164685	-99.407235
Lim. Edos. Term. Mex. Ppia. D. F.	17.70																	
T. C. Circuito del Ajusco	27.60	1	0	969	36.8	42.0	53.6	6.9	35.0	45.3	53.7	6.2	37.6	48.1	54.1	10.0	19.207251	-99.276504

98 C A R R : La Venta - Chamapa (Cuota)

CLAVE: 15003

RUTA: EM-D

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
Plaza de Cobro La Venta	0.10	2	1	10536													19.355452	-99.304607
Plaza de Cobro La Venta	0.10	2	2	10536													19.355452	-99.304607

99 C A R R : Atlacomulco - Morelia

CLAVE: 00151

RUTA: EM-005-MEX-126

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
Atlacomulco	0.00	3	1	8702	70.2	86.8	106.7	18.5	72.8	88.4	103.9	16.6	57.1	82.6	100.6	23.2	19.790201	-99.892041
Atlacomulco	0.00	3	2	8468	57.1	68.3	123.9	12.9	54.8	54.5	74.7	4.2	56.2	54.9	79.0	4.9	19.790162	-99.892036
T. Izq. San Felipe del Progreso	3.60	3	0	11264	101.9	120.3	138.2	17.8	79.3	107.2	125.4	24.0	97.7	124.9	142.4	23.9	19.804342	-99.967424
T. Der. San Francisco Tepeolulco	13.10	1	0	9751	99.8	127.0	142.4	22.4	95.1	137.7	144.0	31.8	94.2	134.6	143.6	28.3	19.803331	-99.981076
T. Der. San Francisco Tepeolulco	13.10	3	0	9227	86.5	98.6	118.9	13.4	76.0	88.3	101.1	13.7	78.7	91.8	112.9	14.5	19.804421	-99.988365
T. Der. Temascalcingo	16.40	1	0	8853	78.8	94.2	114.0	15.3	70.4	83.8	99.3	13.8	70.3	86.9	109.4	16.1	19.808546	-100.016869
T. Der. Temascalcingo	16.40	3	0	5027	89.0	117.7	140.6	22.6	80.4	107.1	142.2	20.8	88.6	122.7	142.8	26.0	19.809683	-100.024633
El Oro de Hidalgo	30.00	1	0	7308	67.4	81.1	101.6	14.3	61.2	71.3	83.6	10.7	60.8	74.1	95.5	13.8	19.807228	-100.120656
Lim. Edos. Term. Mex. Ppia. Mich.	31.00																	
Tlalpujahua	37.00	3	0	5122	54.0	63.8	78.1	10.7	50.9	54.0	63.2	7.5	50.6	60.3	78.3	11.9	19.793966	-100.188132
Maravatio de Ocampo	79.00	1	0	5376	52.3	61.5	79.4	10.5	48.5	52.9	60.8	9.0	48.5	59.9	78.8	12.1	19.885229	-100.429675
X. C. Ent. Huajúmbaro - San José	120.00	1	0	3594	66.8	78.7	102.1	13.4	59.4	62.9	100.6	8.5	65.4	80.7	113.1	15.0	19.822057	-100.822261

MEXICO

99 C A R R : Atlacomulco - Morelia

CLAVE: 00151

RUTA: EM-005-MEX-126

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
Queréndaro	127.00	1	0	6789	75.9	96.5	128.7	18.5	68.9	84.7	106.3	14.1	72.4	92.8	128.3	18.3	19.807339	-100.878063
Zona Industrial Libramiento de Morelia	167.70	1	1	15275	65.1	70.6	82.3	6.6	61.4	64.1	73.6	6.5	60.7	63.9	73.6	6.8	19.720168	-101.149121
Zona Industrial Libramiento de Morelia	167.70	1	2	16791	53.1	59.2	71.6	8.0	47.2	51.9	61.0	7.0	48.0	52.4	62.6	7.3	19.720168	-101.149122
Morelia	169.20																	

C A R R : El Monumento - Tingambato

CLAVE: 15039

RUTA: MEX-EM

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. Toluca - Morelia	0.00	3	0	5694	60.8	68.5	82.4	9.6	56.6	64.1	73.5	7.7	56.2	63.4	77.6	9.0	19.397803	-100.065260
T. C. Toluca - Zitácuaro (Cuota)	0.50	3	0	5811	60.9	68.6	82.6	9.6	56.4	60.9	73.4	6.3	55.9	62.4	75.9	8.1	19.392805	-100.072323
T. Der. Donato Guerra	16.94	3	0	4949	53.9	60.6	74.0	8.2	50.4	53.2	59.8	6.7	51.2	57.9	74.9	10.4	19.296696	-100.115718
T. Izq. Valle de Bravo	32.30	1	0	7516	53.6	60.3	73.7	8.2	49.8	53.7	64.1	8.0	50.1	57.4	74.5	10.7	19.233319	-100.127853
T. Der. Colorines	48.72	1	0	2674	43.2	45.4	54.9	6.0	40.1	42.8	51.6	5.8	41.7	44.7	63.0	8.3	19.188029	-100.211505
T. Der. Ixtapan del Oro	51.25	1	0	2945	41.1	43.1	50.5	5.6	36.8	39.5	44.3	4.5	38.8	42.4	53.0	6.8	19.181204	-100.238837
Tingambato	98.10																	

C A R R : Toluca - Axixintla

CLAVE: 00122

RUTA: EM-MEX-055

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
Toluca	0.00																	
T. Izq. Metepec	4.74	1	1	37874	87.9	101.9	125.5	15.5	87.1	104.2	135.7	17.9	83.7	102.6	135.9	18.7	19.242460	-99.601928
T. Izq. Metepec	4.74	1	2	39055	88.3	102.0	127.7	15.5	88.8	107.7	138.1	18.7	85.2	104.8	137.9	19.3	19.242483	-99.601928
Mexicalcingo	8.80	1	1	33780	88.2	102.2	126.7	15.6	87.7	105.6	137.3	18.5	82.6	101.9	135.9	19.0	19.223284	-99.593570
Mexicalcingo	8.80	1	2	36187	88.7	102.3	128.3	15.4	89.7	109.4	139.0	19.1	85.0	104.5	137.7	19.0	19.223287	-99.593569
Mexicalcingo	8.80	3	1	26598	88.6	102.5	127.1	15.6	85.1	102.9	127.8	17.6	78.9	97.0	130.1	18.4	19.200598	-99.585187
Mexicalcingo	8.80	3	2	26898	88.7	102.4	128.4	15.5	87.0	105.3	133.6	18.5	81.0	99.8	133.4	18.8	19.200597	-99.585188
T. Der. Calimaya	12.70	3	1	20599	103.4	116.8	138.8	14.4	102.8	120.0	141.3	16.4	95.5	117.1	140.9	20.5	19.179913	-99.577560
T. Der. Calimaya	12.70	3	2	20468	86.4	104.1	123.0	18.5	84.3	97.7	116.1	14.4	78.9	94.3	114.3	16.0	19.179910	-99.577560
Tenancingo	44.80	3	0	11150	36.2	38.7	44.8	4.4	36.1	39.2	52.0	5.0	35.9	38.6	53.5	5.6	18.965397	-99.601955
T. Izq. Villa Guerrero	56.84	3	0	7803	52.3	60.3	79.8	11.5	53.9	54.2	63.6	3.9	47.8	54.9	71.0	12.6	18.964492	-99.644602
Ixtapan de La Sal	80.00	1	1	3365	50.2	54.8	64.8	8.1	46.3	51.5	59.4	7.5	45.8	52.7	64.2	9.0	18.851770	-99.675353
Ixtapan de La Sal	80.00	1	2	3466	52.6	59.8	72.0	8.9	49.2	53.0	62.3	7.0	48.7	54.5	66.6	9.0	18.851783	-99.675361
Ixtapan de La Sal	80.00	3	1	8166	86.2	100.0	113.9	13.9	90.0	109.6	122.1	19.6	97.4	118.5	140.0	19.8	18.830617	-99.668097

MEXICO

CARR : Toluca - Axixintla

CLAVE: 00122

ruta : EM-MEX-055

AÑO : 2012

LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Ixtapan de La Sal	80.00	3	2	7917	79.5	93.5	119.6	15.3	74.8	88.5	102.3	13.5	80.8	99.3	130.1	18.4	18.830639	-99.668091
Tonatico	86.20	3	0	3607	60.0	66.0	89.2	9.6	56.2	61.5	72.4	6.7	55.4	62.0	81.4	8.5	18.801199	-99.658688
Lim. Edos. Term. Mex. Ppia. Gro.	98.50																	
Cacahuamilpa	120.30	1	0	1835	59.6	64.1	79.3	8.8	55.3	57.1	64.0	3.7	53.5	59.3	71.0	7.7	18.684835	-99.515555
T. C. Cuernavaca - Chilpancingo	125.30	1	0	1207	64.5	72.0	90.8	9.6	60.7	68.4	74.7	9.2	57.9	64.6	74.6	9.1	18.612001	-99.507364

CARR : Toluca - Palmillas

CLAVE: 00496

ruta : EM(D)-MEX-055

AÑO : 2012

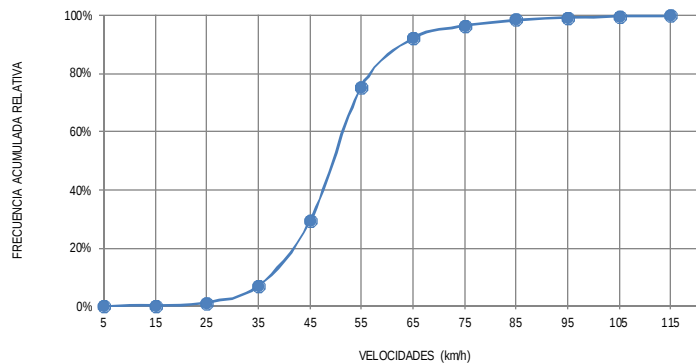
LUGAR	ESTACION				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				COORDENADAS	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Toluca	0.00																	
T. Izq. Calixtlahuaca de Rayón (Alta)	7.21	3	1	22702	84.2	94.6	119.7	12.1	70.9	81.7	102.2	12.3	70.2	81.8	108.6	13.4	19.340664	-99.671026
T. Izq. Calixtlahuaca de Rayón (Baja)	7.21	3	1	8613	82.7	94.7	117.0	14.3	79.4	91.8	103.4	13.1	76.8	89.7	104.4	13.7	19.340759	-99.670131
T. Izq. Calixtlahuaca de Rayón (Alta)	7.21	3	2	21942	105.8	119.1	137.9	13.9	99.6	114.0	127.0	16.1	94.8	113.8	135.7	19.5	19.340181	-99.671084
T. Izq. Calixtlahuaca de Rayón (Baja)	7.21	3	2	8820	83.1	94.7	118.1	14.0	78.9	91.3	103.4	13.1	77.3	90.2	105.7	13.8	19.340181	-99.671082
X. C. Lib. Nororiente de Toluca (Cuota)	14.21	1	1	25383	60.2	66.1	80.0	7.3	59.0	63.5	80.2	6.6	58.9	63.3	79.6	6.7	19.384912	-99.706090
X. C. Lib. Nororiente de Toluca (Cuota)	14.21	1	2	24196	90.9	102.5	119.1	13.2	82.8	95.8	112.0	13.9	82.0	97.3	114.3	15.7	19.384856	-99.706235
El Dorado	16.00	1	1	22654	91.6	98.8	112.6	9.2	87.7	92.2	100.7	7.1	83.5	90.9	101.2	9.1	19.402508	-99.713566
El Dorado	16.00	1	2	21590	84.4	94.5	113.9	11.6	81.0	91.0	104.2	11.3	78.1	88.3	104.5	11.5	19.402503	-99.713570
Ixtlahuaca de Rayón	35.58	3	1	17790	118.1	136.6	143.9	16.6	113.2	133.1	143.5	16.7	112.3	134.0	143.6	18.0	19.584238	-99.764952
Ixtlahuaca de Rayón	35.58	3	2	18620	79.7	89.3	100.8	11.4	72.0	80.3	84.9	10.0	72.4	80.2	88.8	9.6	19.584100	-99.769471
Pastejé	45.20	1	1	14206	105.7	121.6	139.3	15.6	95.0	103.6	122.8	10.9	91.8	104.1	127.3	13.9	19.656891	-99.792579
Pastejé	45.20	1	2	14205	92.5	106.7	123.6	15.0	82.7	91.6	102.5	11.3	79.9	89.8	104.9	11.9	19.653917	-99.791014
Atacomulco	65.00	1	1	14901	64.0	79.7	102.8	12.7	64.4	80.3	98.5	12.5	60.3	66.2	89.5	8.0	19.783083	-99.864800
Atacomulco	65.00	1	2	14441	82.8	100.9	120.7	16.6	82.5	98.0	113.3	15.0	74.0	88.1	111.5	13.3	19.782114	-99.864816
Atacomulco	65.00	3	1	9186	59.0	69.5	102.8	12.6	71.4	96.3	143.3	23.7	59.0	55.8	139.8	12.0	19.822176	-99.870846
Atacomulco	65.00	3	2	9573	82.7	94.1	113.8	13.4	75.9	88.2	104.1	13.2	69.2	83.4	102.8	14.9	19.822198	-99.870839
Acambay	85.64	3	0	9178	72.5	108.7	142.9	26.6	86.6	137.4	144.0	36.6	71.0	117.1	142.8	30.3	19.964488	-99.852385
T. Der. Aculco de Espinoza	104.43	3	0	7488	74.6	87.2	113.6	13.2	70.7	85.7	104.4	14.2	68.5	82.2	114.1	14.5	20.087793	-99.863524
T. Der. Polotitlán	122.73	1	1	3908	100.1	117.4	141.0	19.3	98.8	114.9	138.6	19.1	94.8	115.9	139.7	23.2	20.224628	-99.898230
T. Der. Polotitlán	122.73	1	2	4024	110.1	124.8	141.4	14.7	94.8	103.8	119.9	11.4	97.7	106.1	124.8	11.3	20.224635	-99.898251
Lim. Edos. Term. Mex. Ppia. Qro.	128.10																	
T. C. México - Querétaro	131.52	1	1	5662	90.7	104.6	124.5	15.6	83.8	97.0	112.9	14.8	76.6	94.3	116.1	18.4	20.289972	-99.932548
T. C. México - Querétaro	131.52	1	2	5566	88.2	100.6	118.5	13.4	82.2	94.5	110.5	14.0	74.5	89.6	112.1	15.2	20.289962	-99.932550

MEXICO

### C A R R : Tres Marías - Santa Martha					CLAVE: 00172				RUTA : MEX-106-EM				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
Tres Marías					0.00	3	0	5171	34.4	37.6	44.9	5.2	33.5	34.7	52.4	6.3	34.9	44.0	53.7	7.8	19.043669	-99.253871
Laguna de Zempoala					14.00																	
Lim. Edos. Term. Mor. Ppia. Mex.					14.50																	
Santa Martha					28.35	1	0	2345	63.2	74.0	97.9	12.3	56.9	68.8	87.4	11.2	57.1	70.9	94.6	12.9	19.063096	-99.379553

1 Carr: Ent Jorobas - Tula

CLAVE: 00159

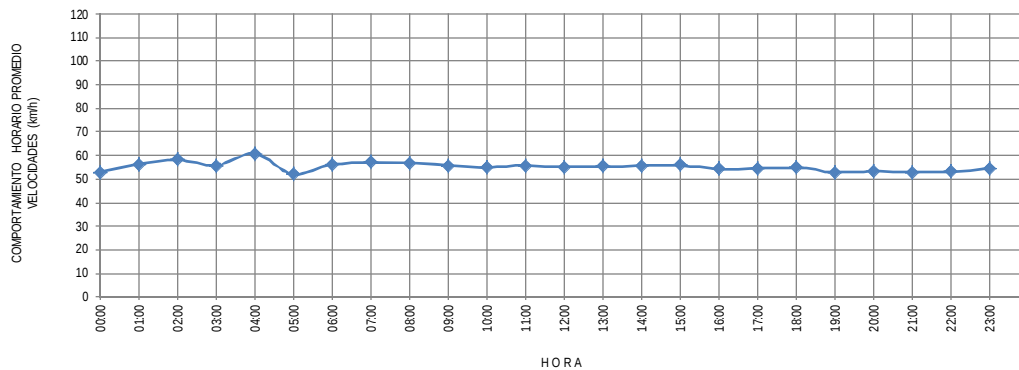


ruta: MEX-087

KM: 0.000

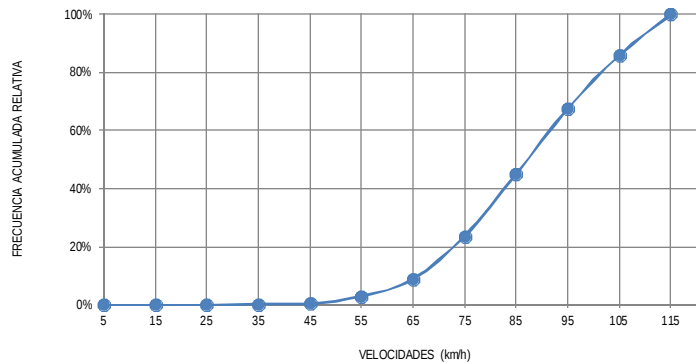
TE: 3

SC: 1



2 Carr: Libramiento de Amecameca

CLAVE:

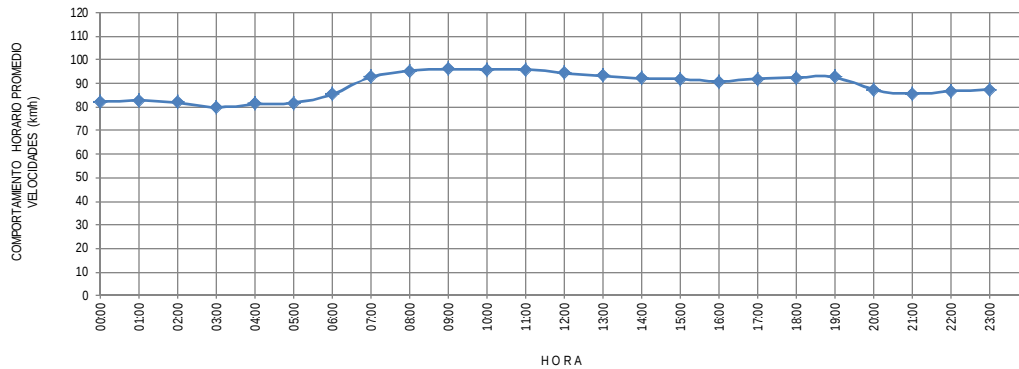


ruta: MEX-115

KM: 0.000

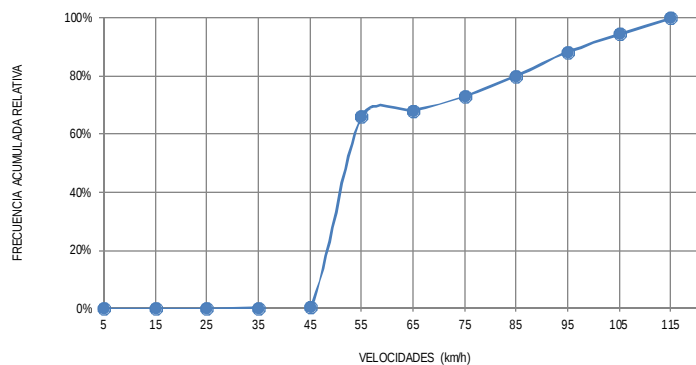
TE: 3

SC: 1



3 Carr: Libramiento de Tlalmanalco de Velázquez

CLAVE:

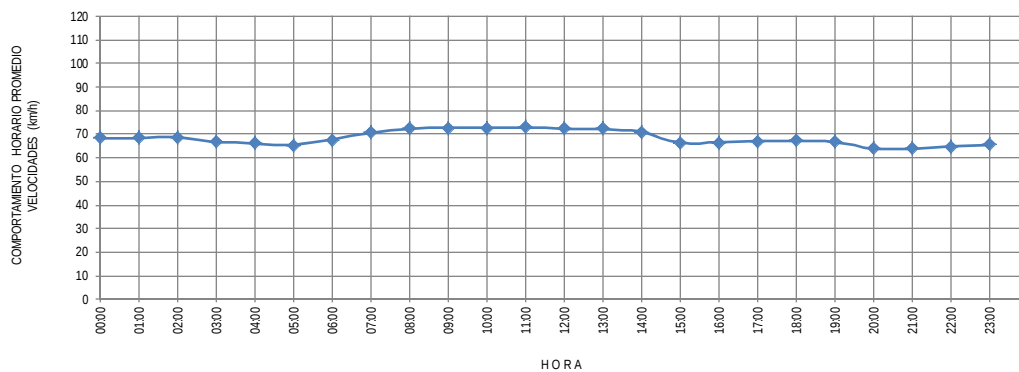


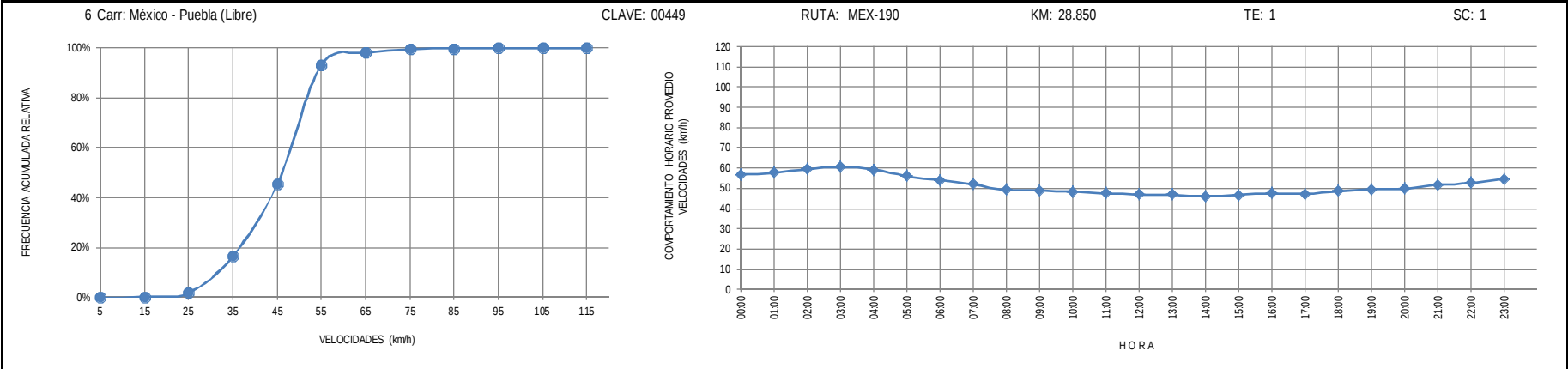
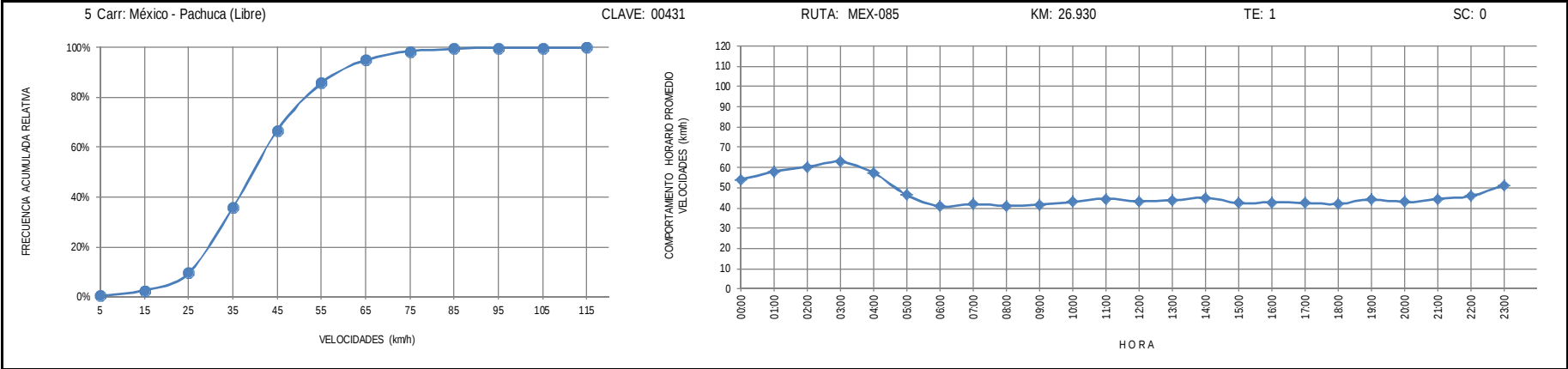
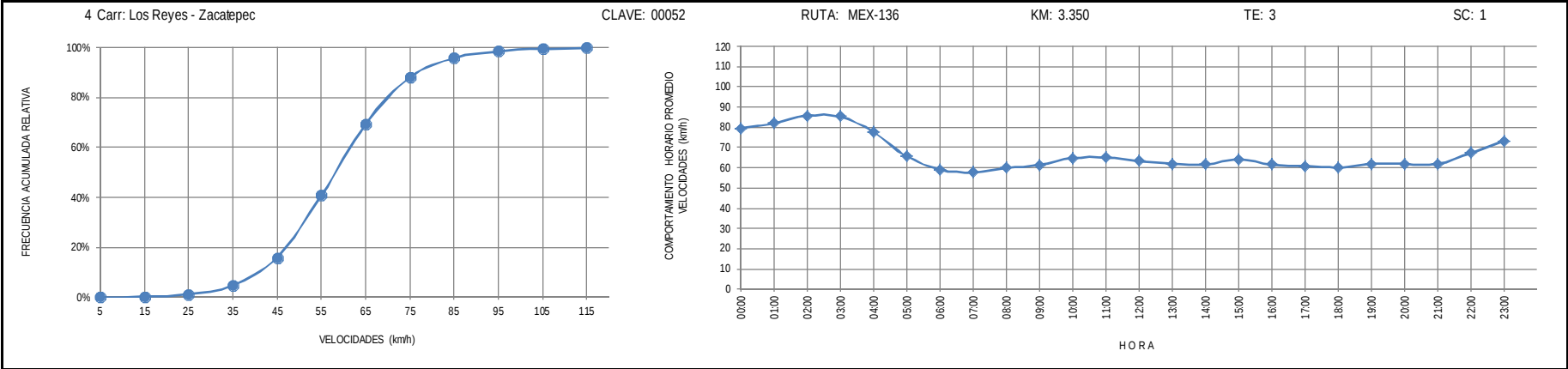
ruta: MEX-115

KM: 0.000

TE: 3

SC: 1





7 Carr: México - Toluca

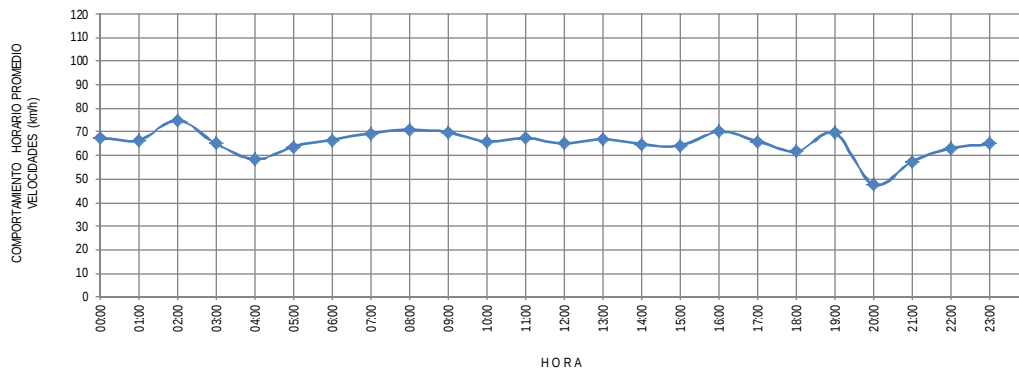
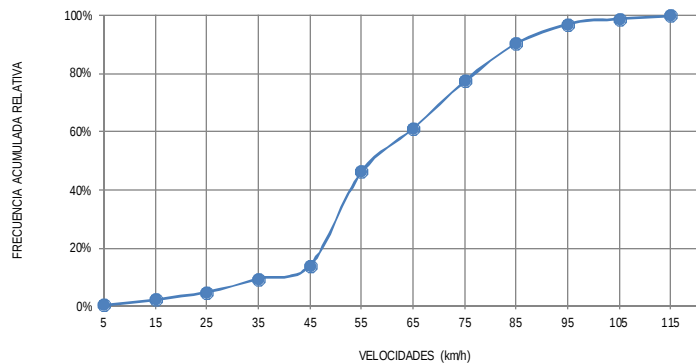
CLAVE: 00447

ruta: MEX-015

KM: 12.840

TE: 3

SC: 1



8 Carr: Naucalpan - Toluca

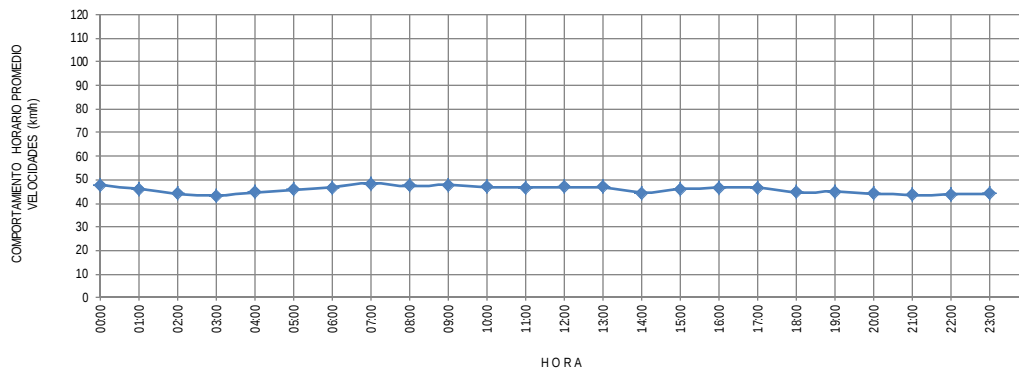
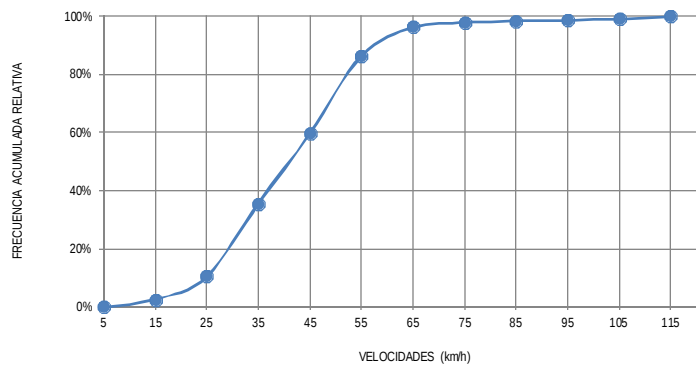
CLAVE: 15056

ruta: MEX-134

KM: 3.130

TE: 3

SC: 1



9 Carr: San Bernardino - Tepexpan

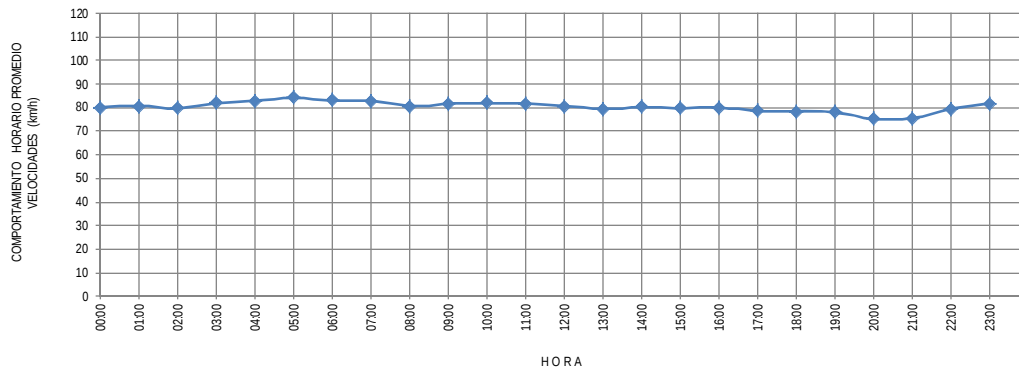
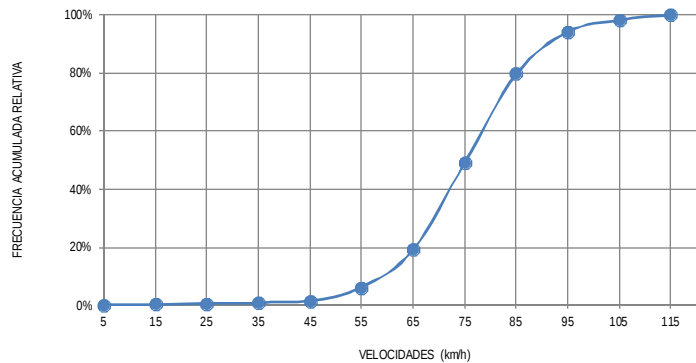
CLAVE: 15053

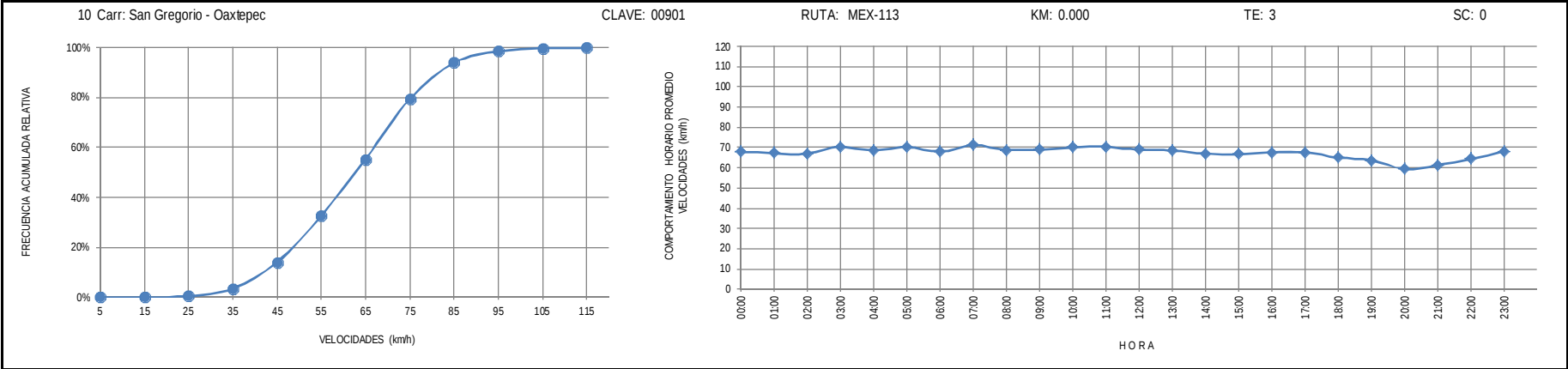
ruta: MEX-142

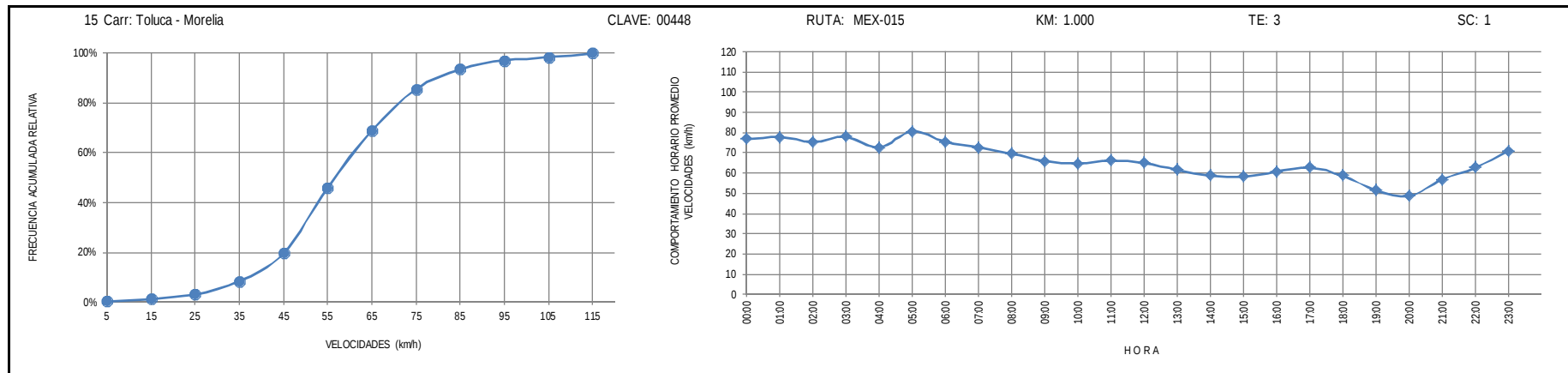
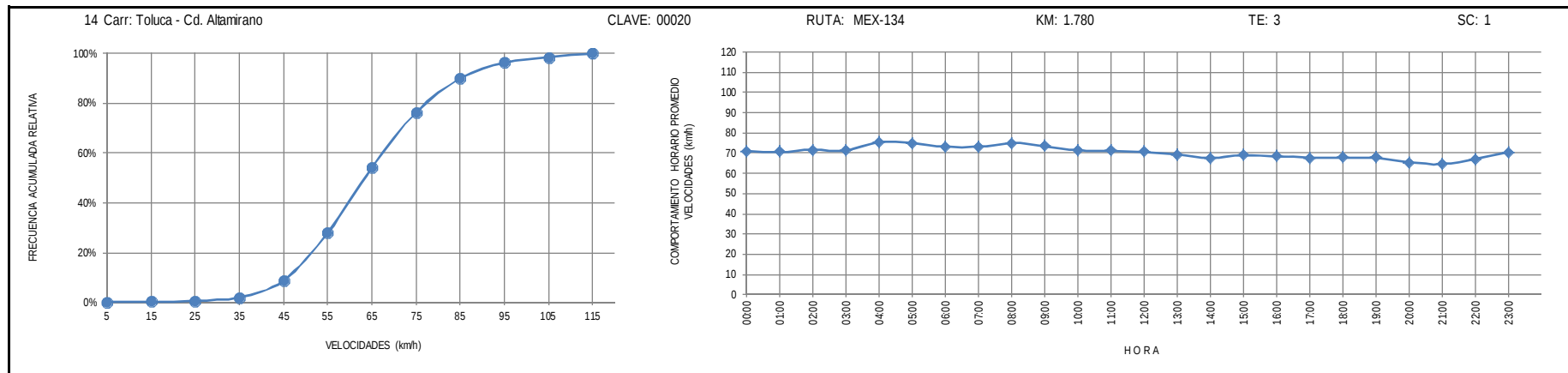
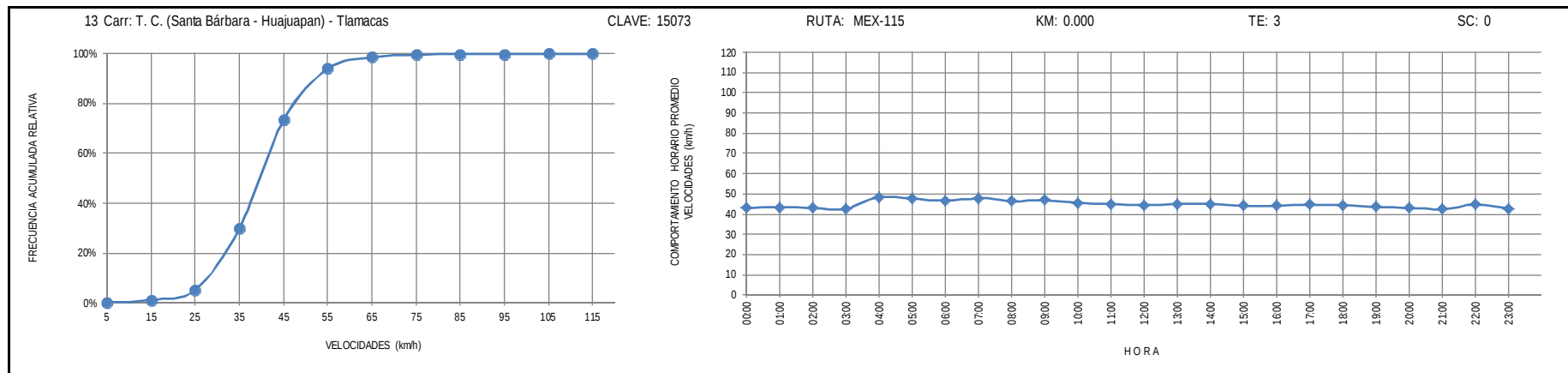
KM: 0.000

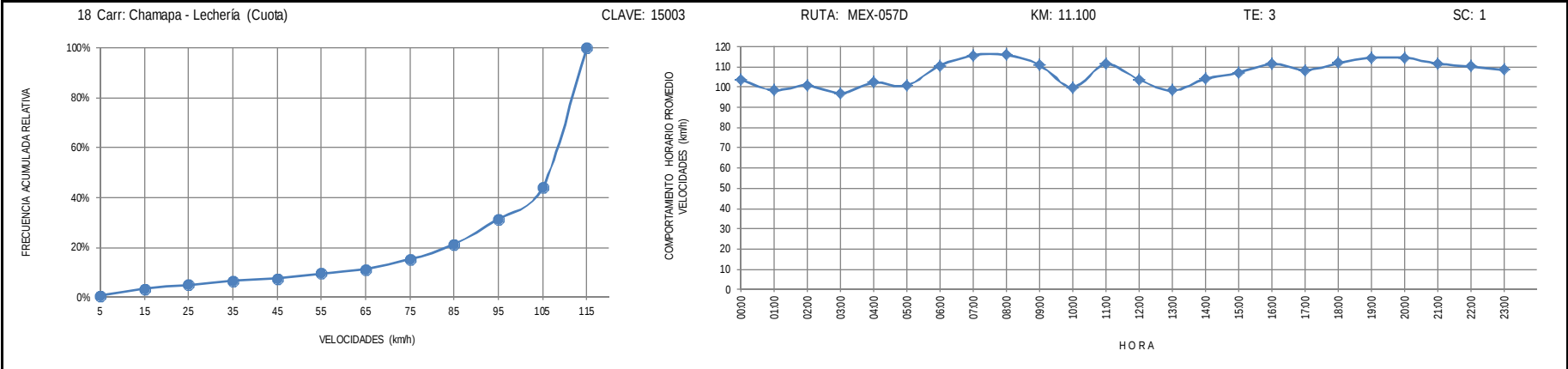
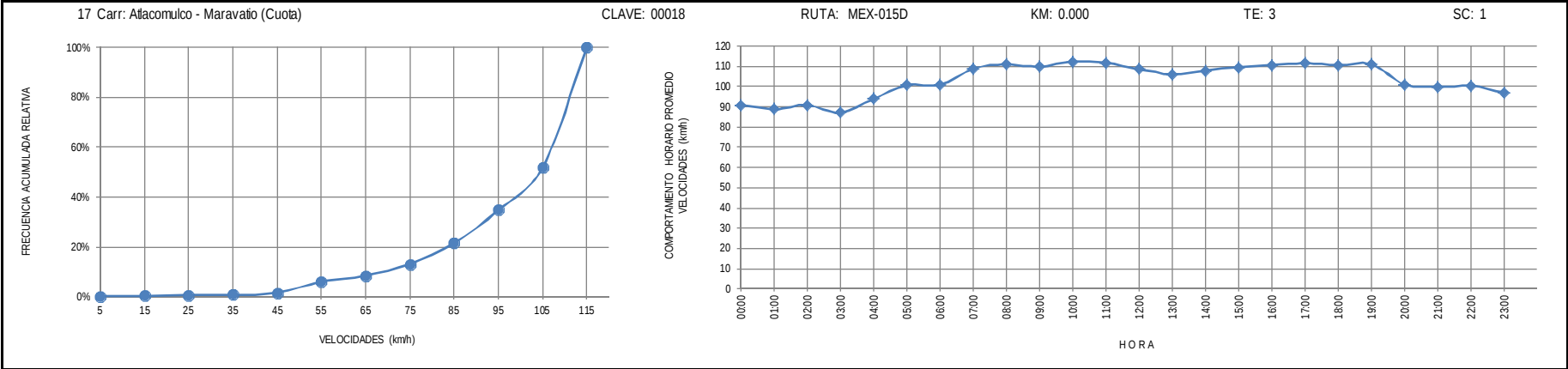
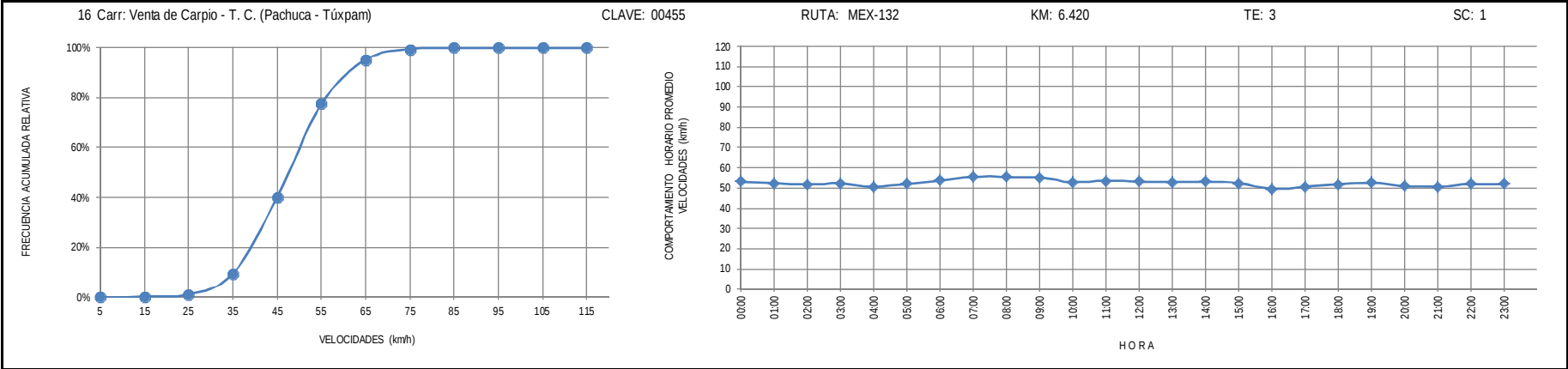
TE: 3

SC: 1









19 Carr: Ecatepec - Pirámides (Cuota)

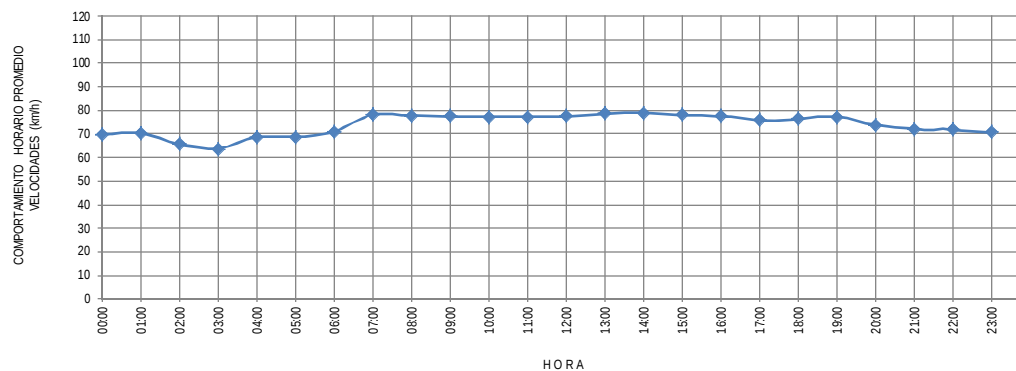
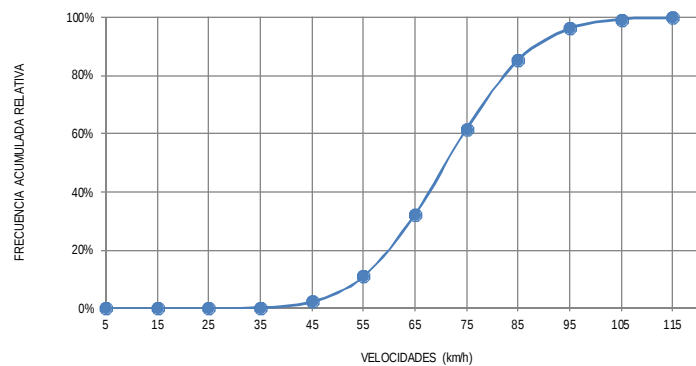
CLAVE: 15061

ruta: MEX-132D

KM: 0.000

TE: 3

SC: 1



21 Carr: México - Pachuca (Cuota)

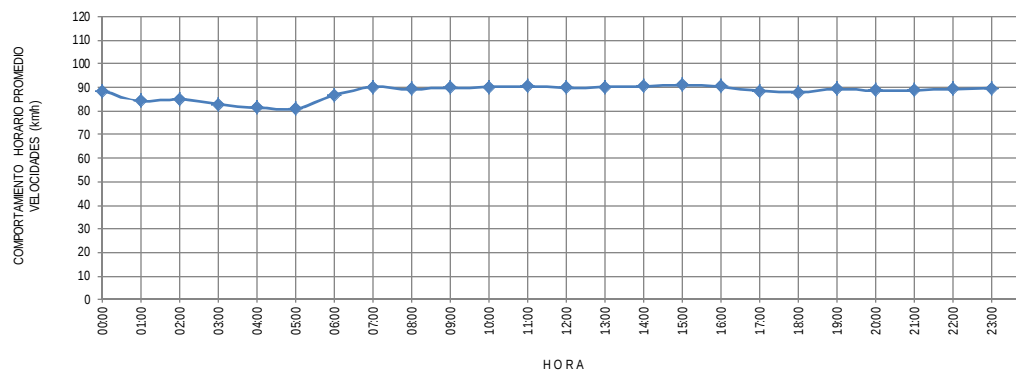
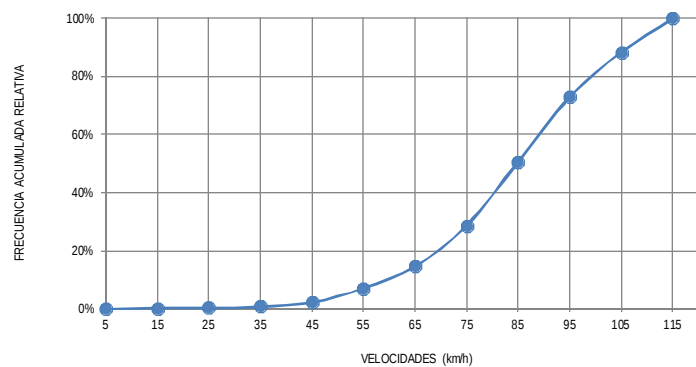
CLAVE: 00432

ruta: MEX-085D

KM: 25.000

TE: 3

SC: 1



22 Carr: México - Puebla (Cuota)

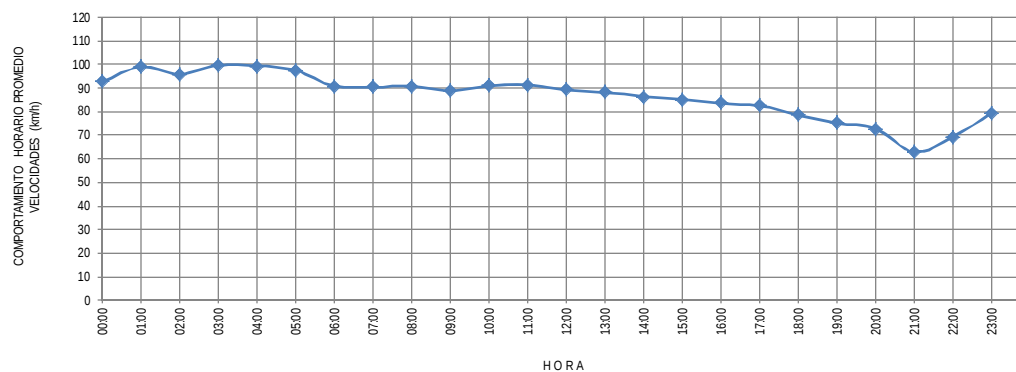
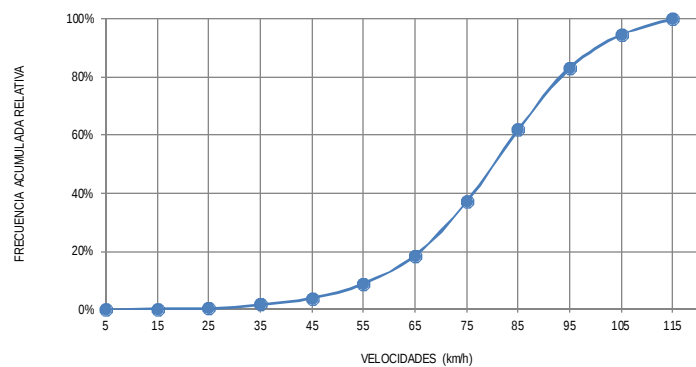
CLAVE: 00450

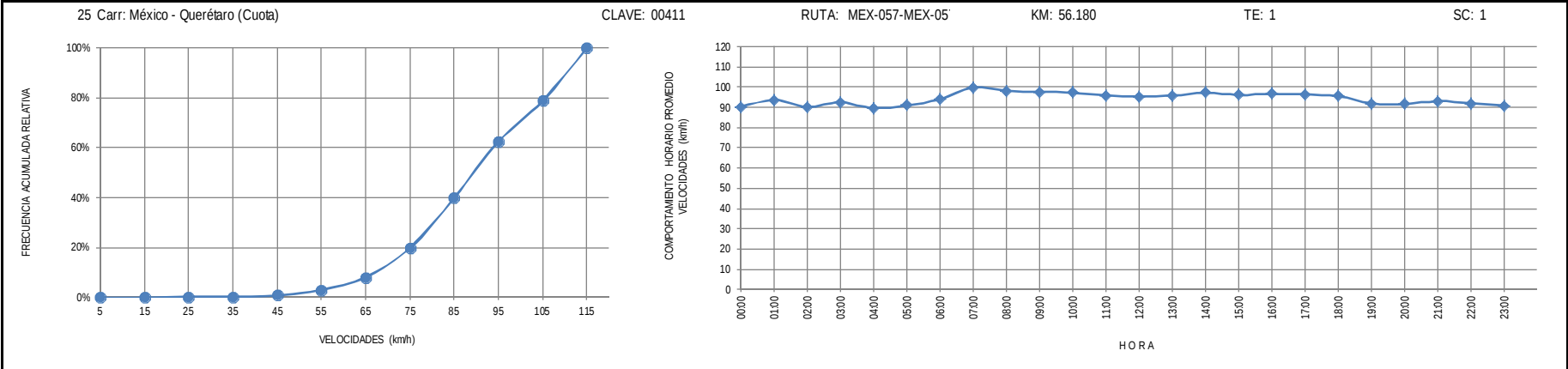
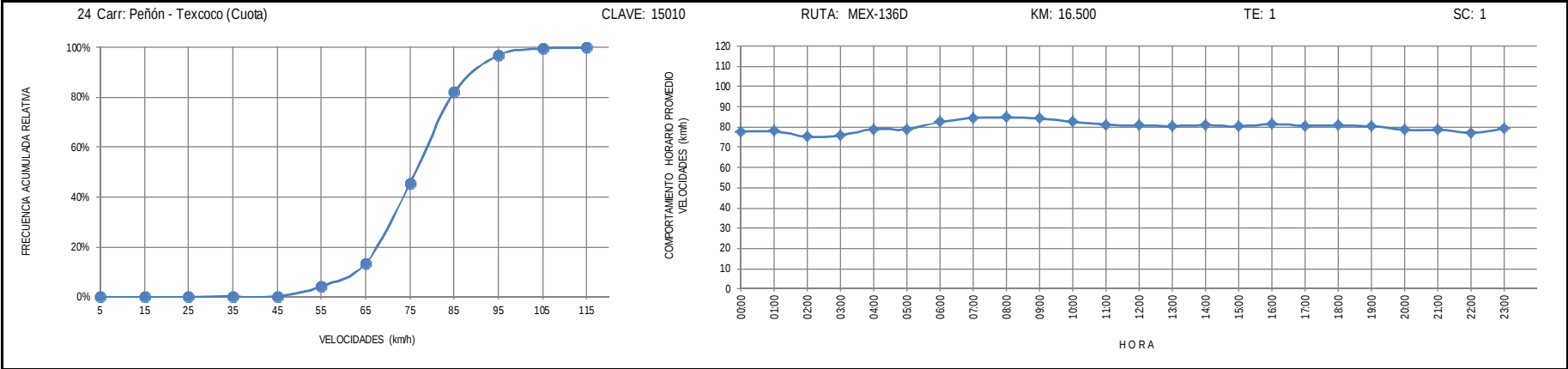
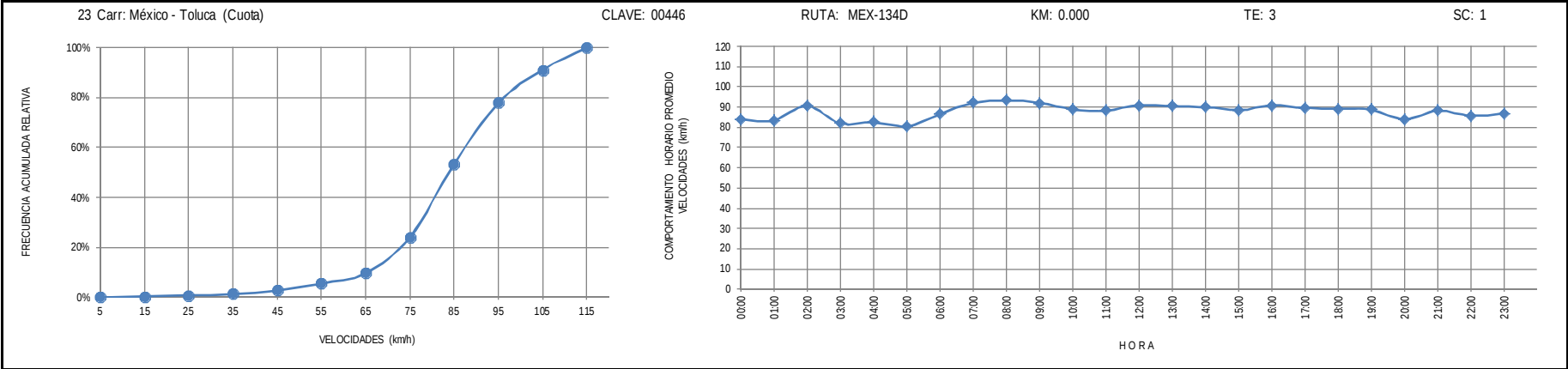
ruta: MEX-150D

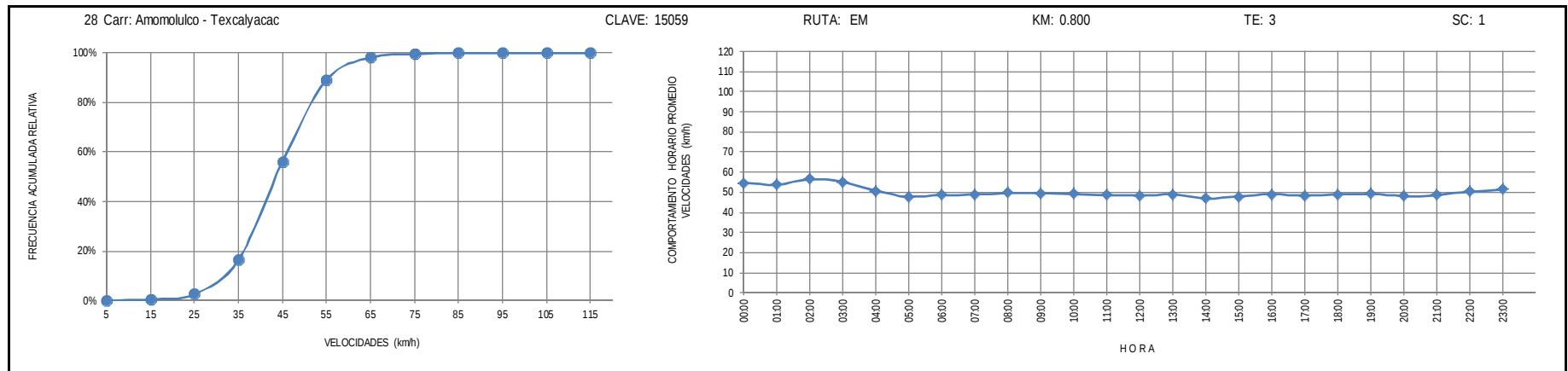
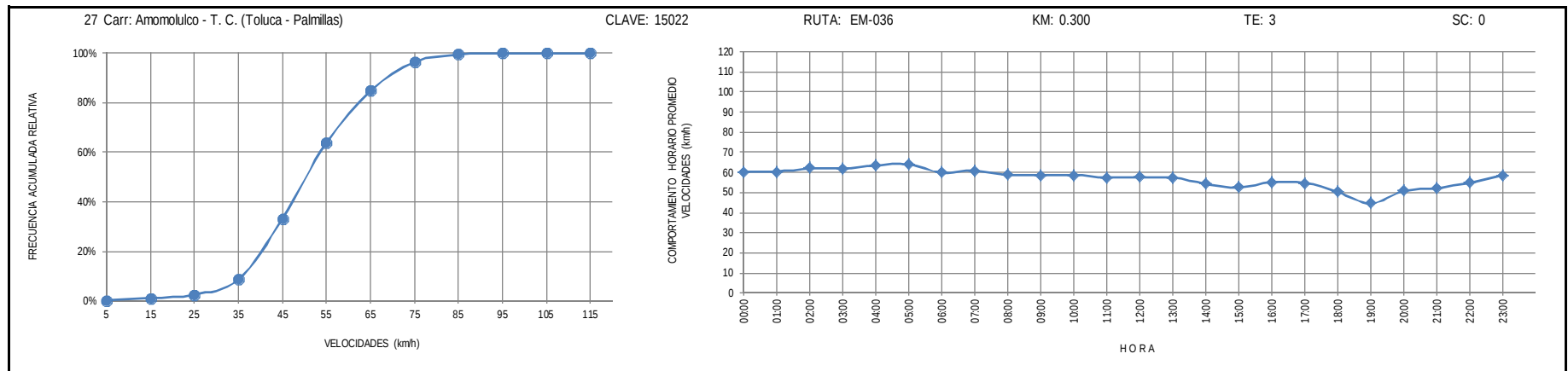
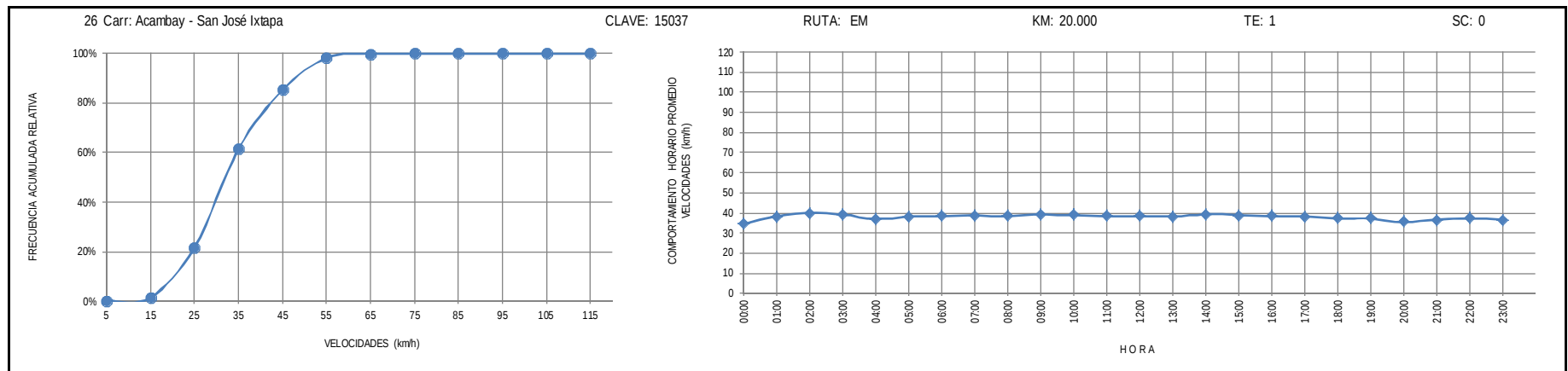
KM: 18.000

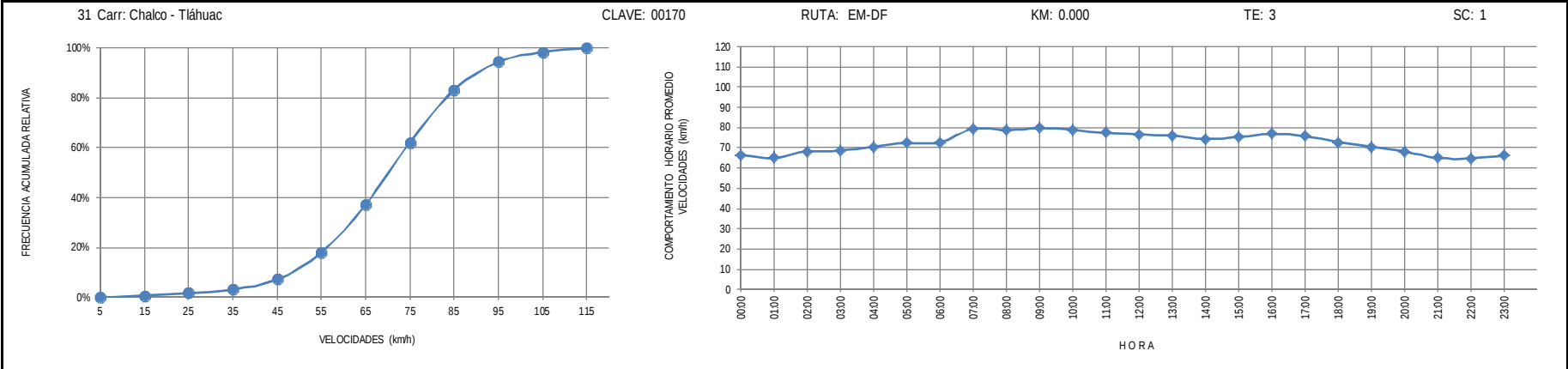
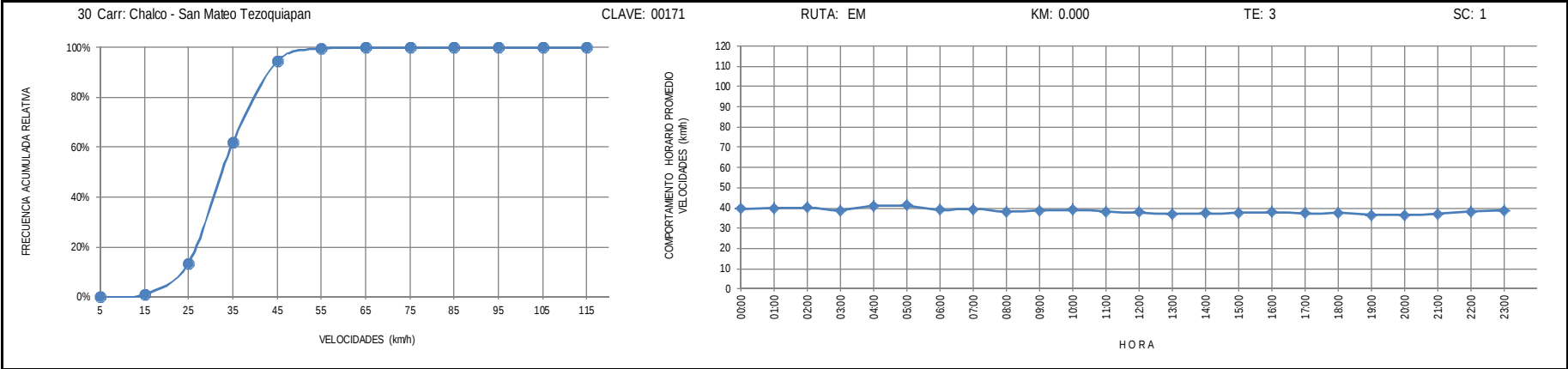
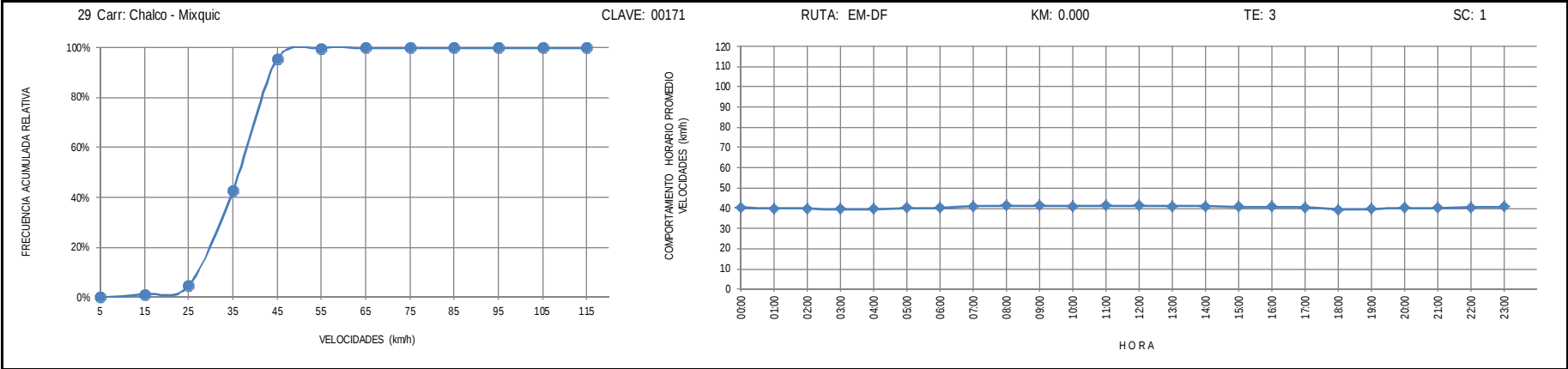
TE: 3

SC: 1



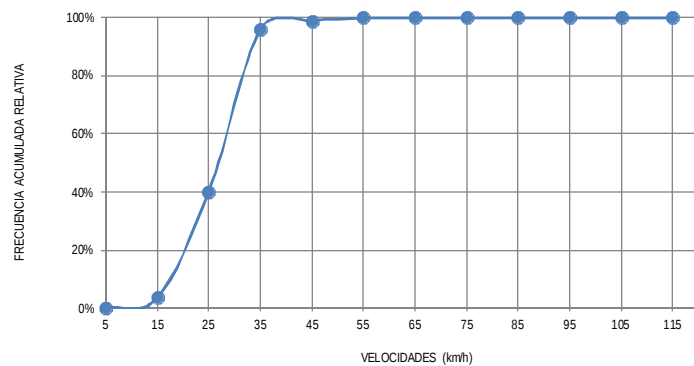






32 Carr: Cuadrilla de López - Zacazonapan

CLAVE:

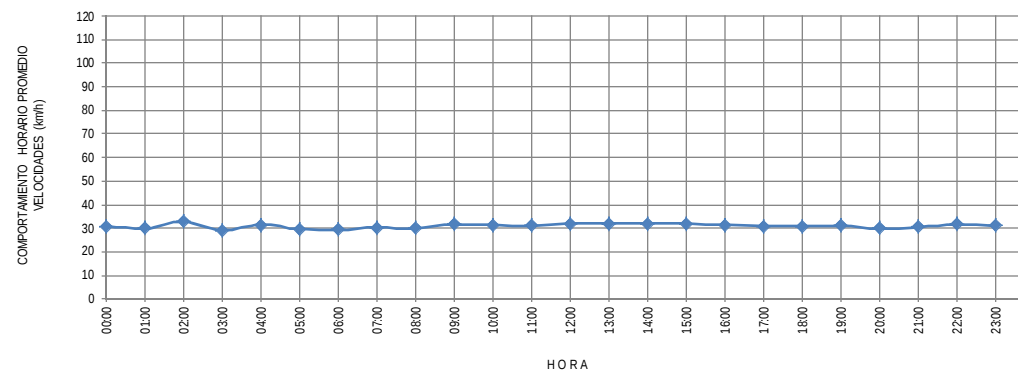


RUTA: EM-050

KM: 0.000

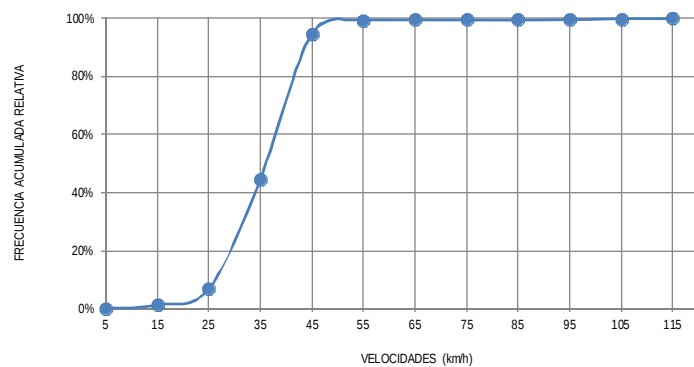
TE: 3

SC: 0



33 Carr: Cuautitlán - Zumpango de Ocampo

CLAVE: 15020

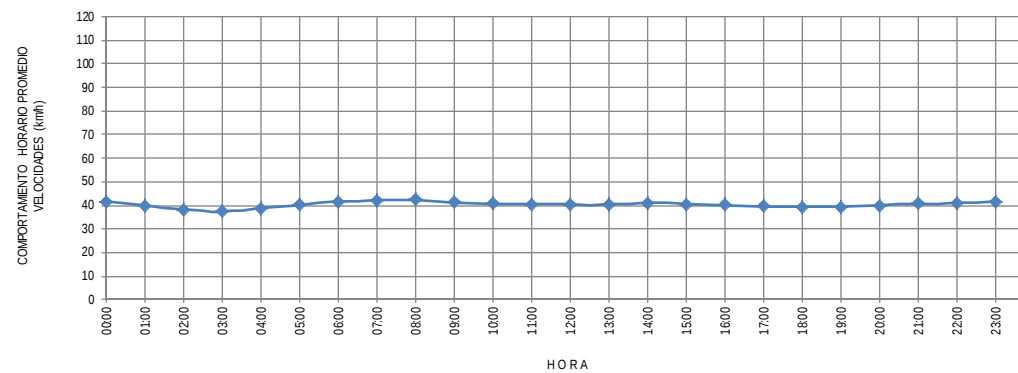


RUTA: EM-035

KM: 0.000

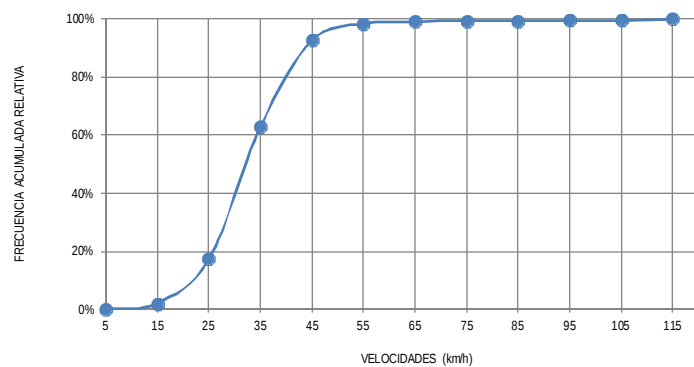
TE: 3

SC: 1



34 Carr: Dos Casas - Ixtapan del Oro

CLAVE: 15033

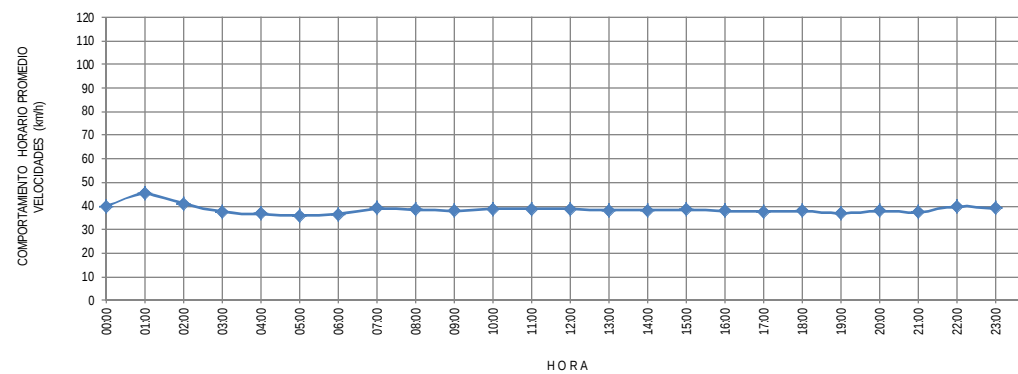


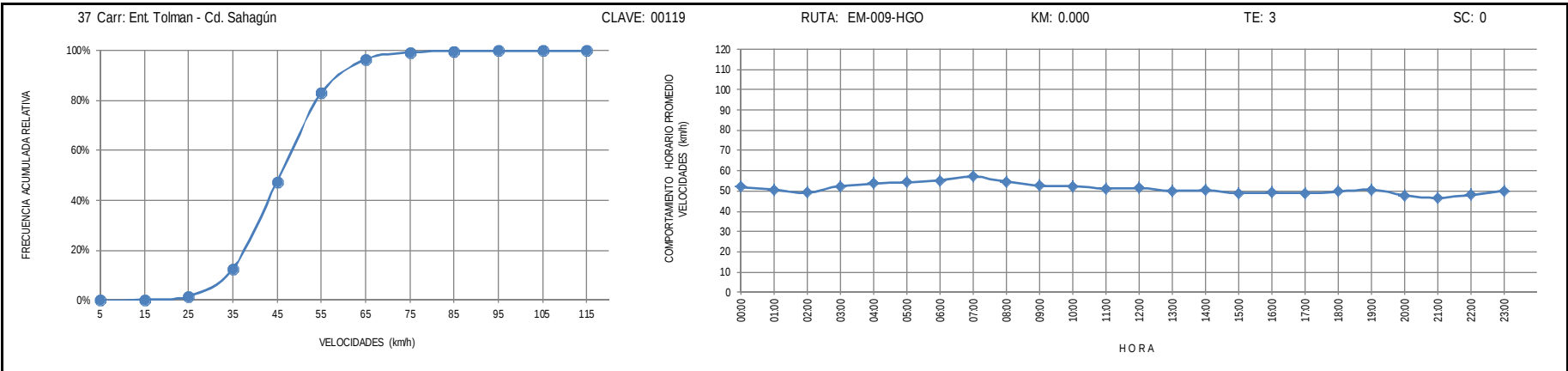
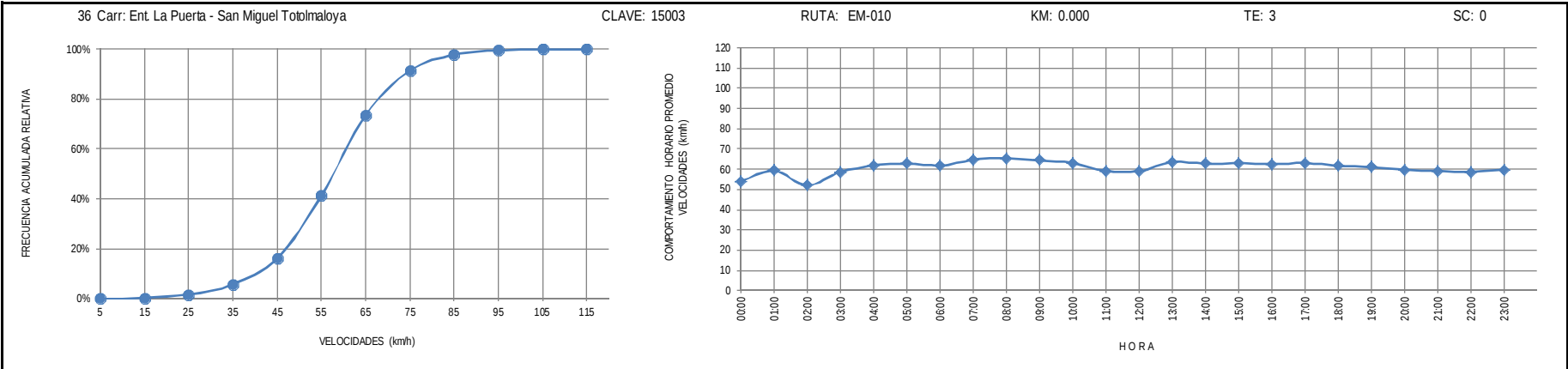
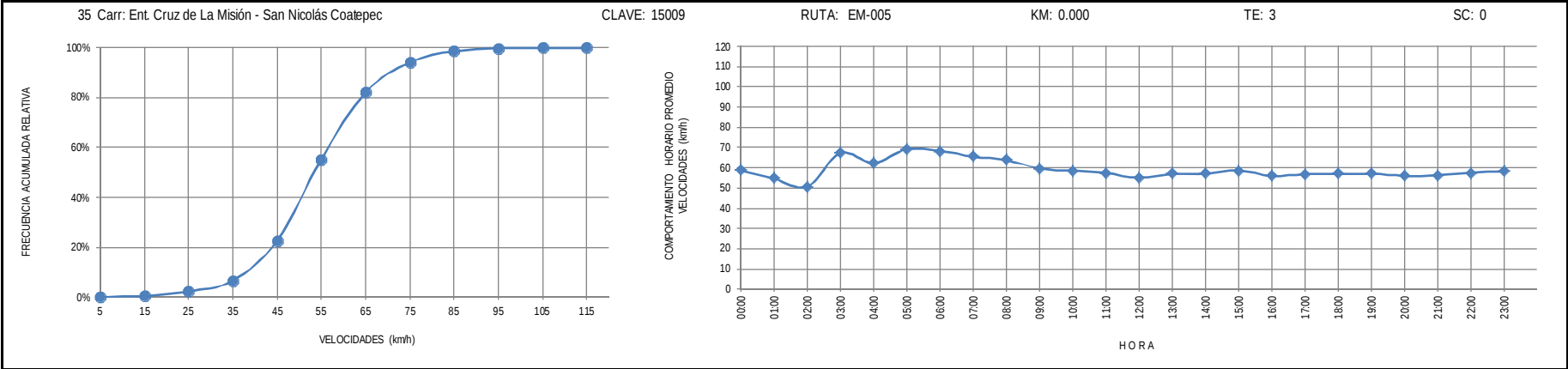
RUTA: EM-002

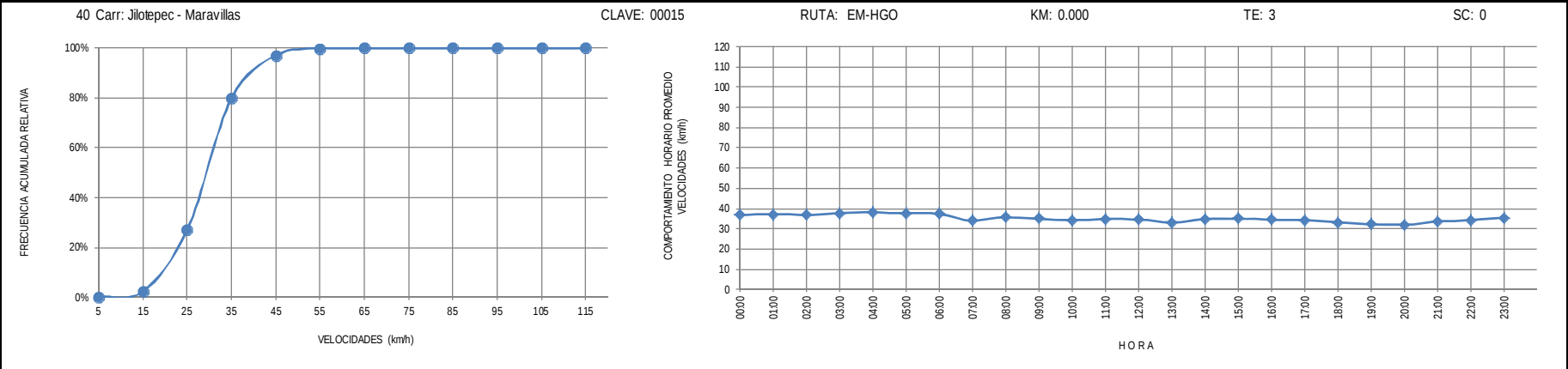
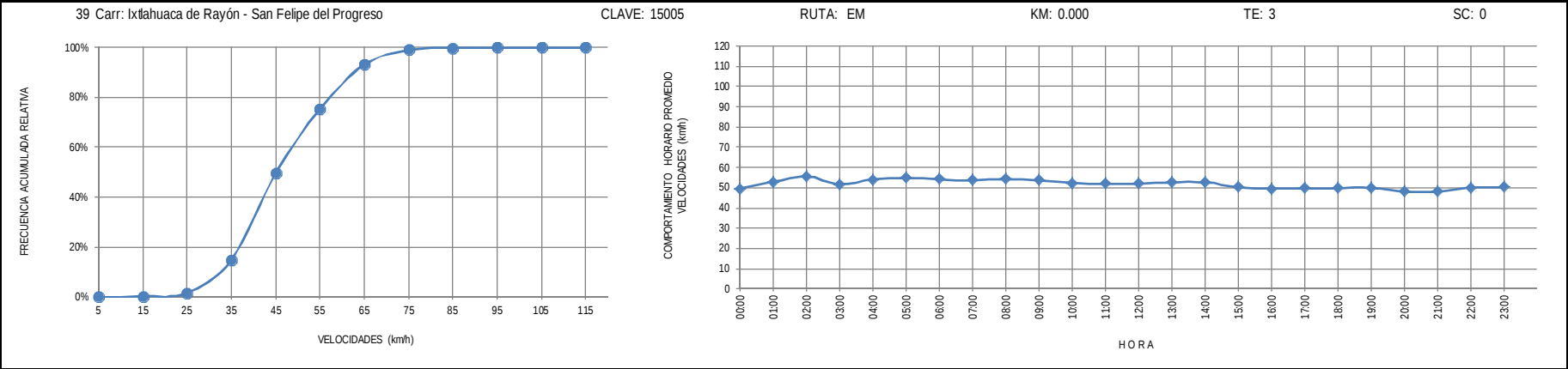
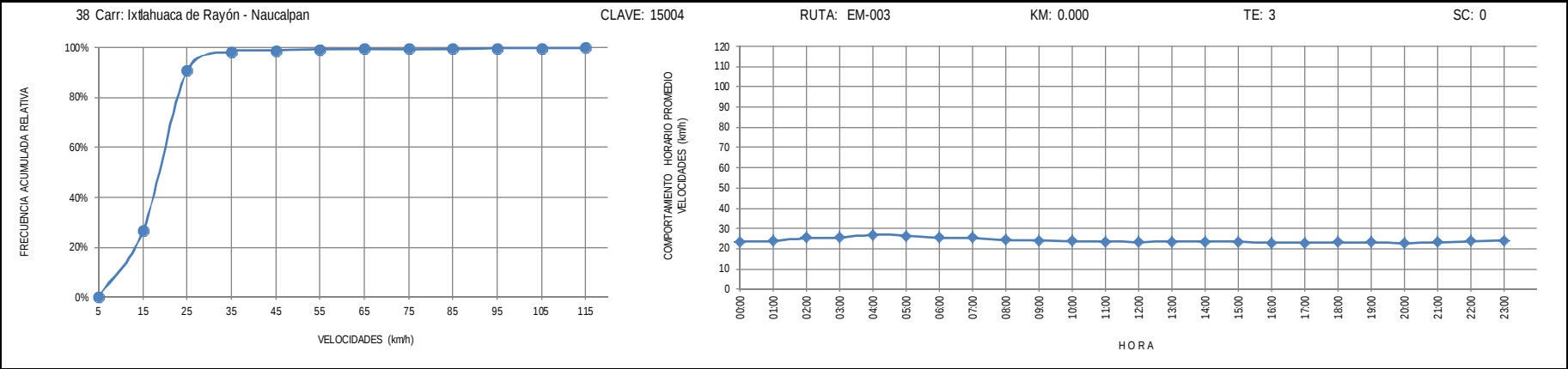
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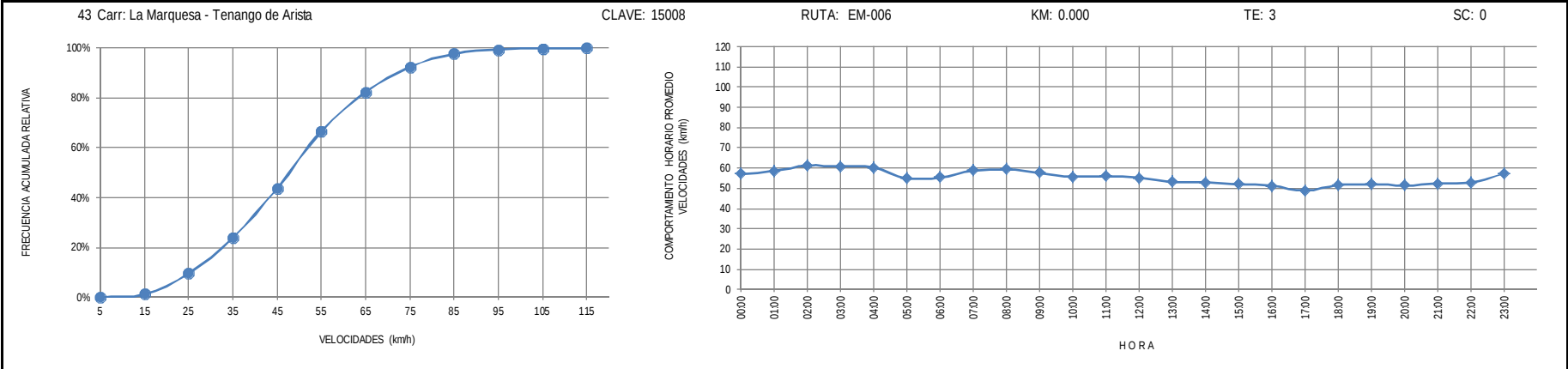
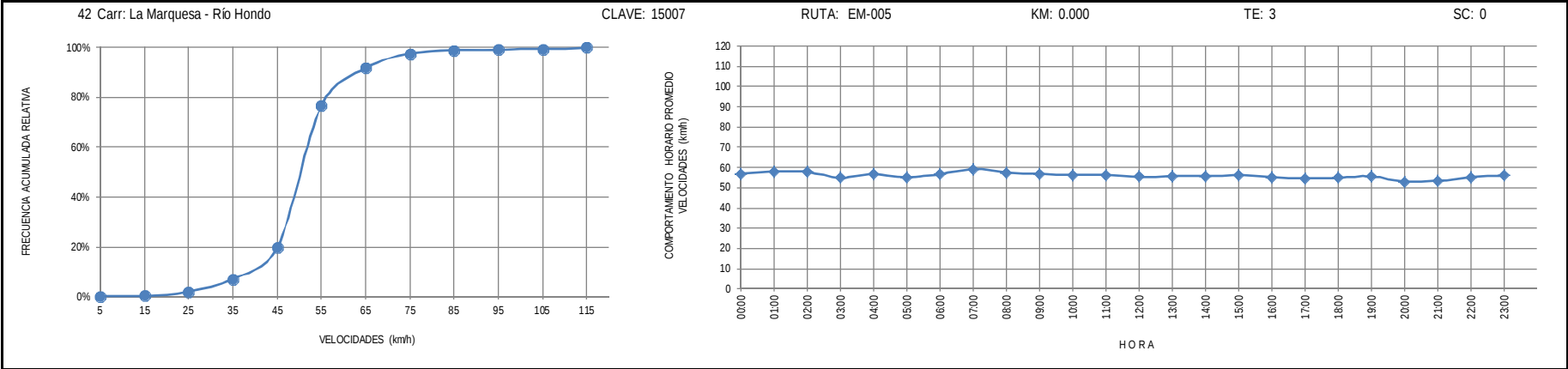
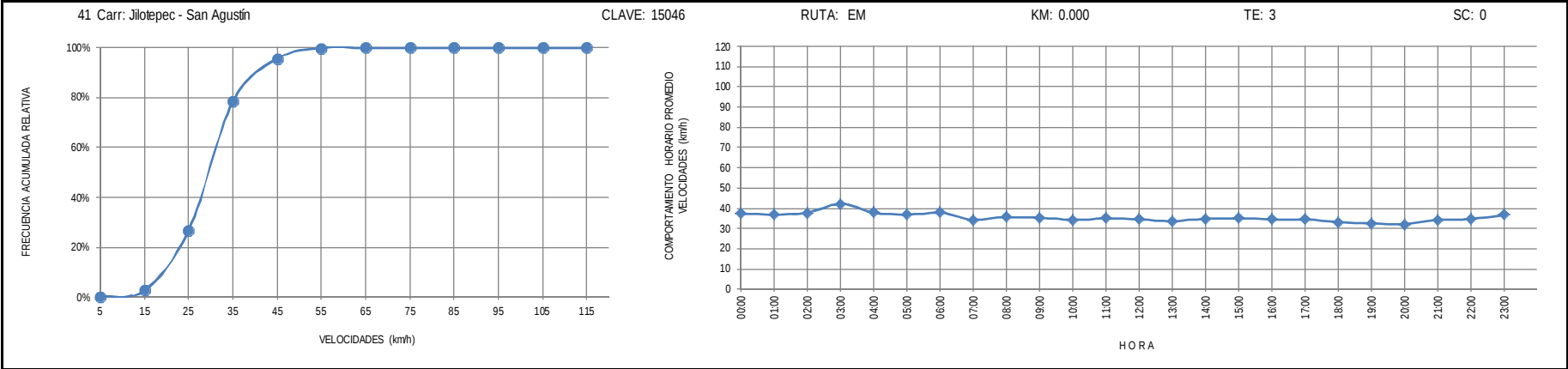
TE: 3

SC: 0









44 Carr: Las Juntas - Ixtapan de La Sal

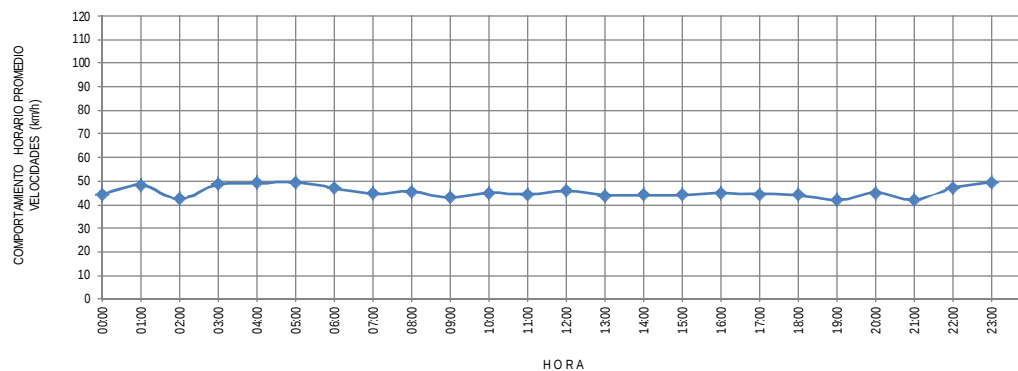
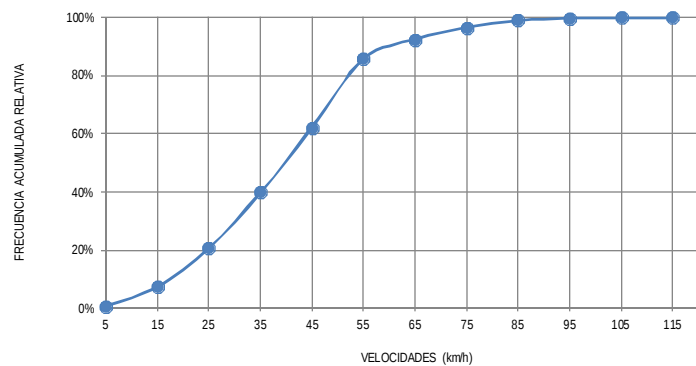
CLAVE: 15023

ruta: EM-012

KM: 0.000

TE: 3

SC: 0



45 Carr: Lechería - Apaxco

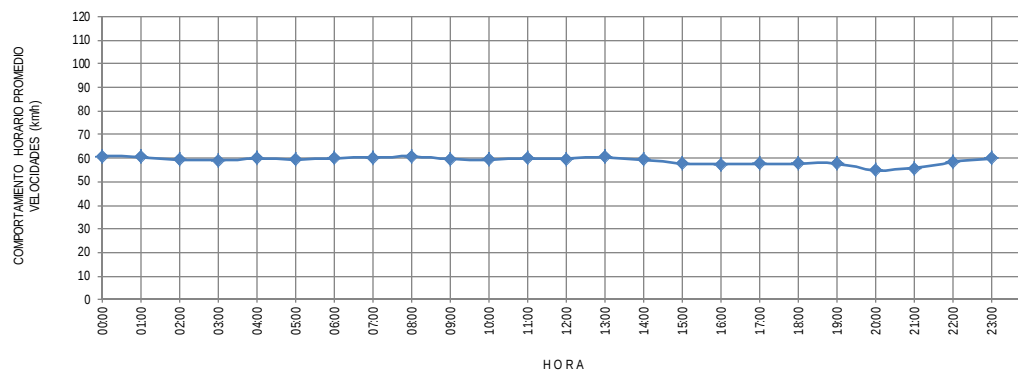
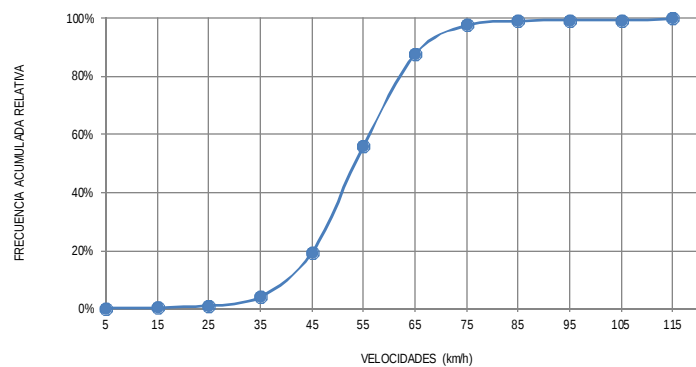
CLAVE: 15018

ruta: EM-006

KM: 0.000

TE: 3

SC: 1



46 Carr: Los Reyes - El Tephé

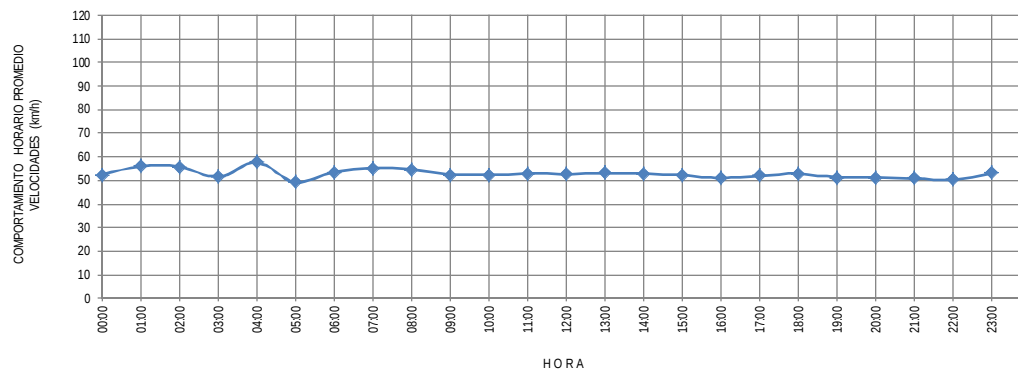
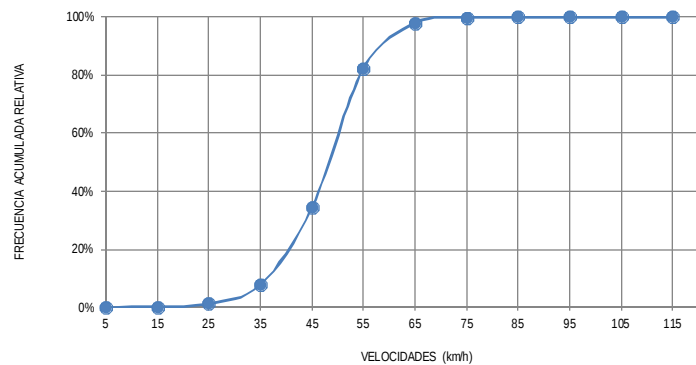
CLAVE: 00021

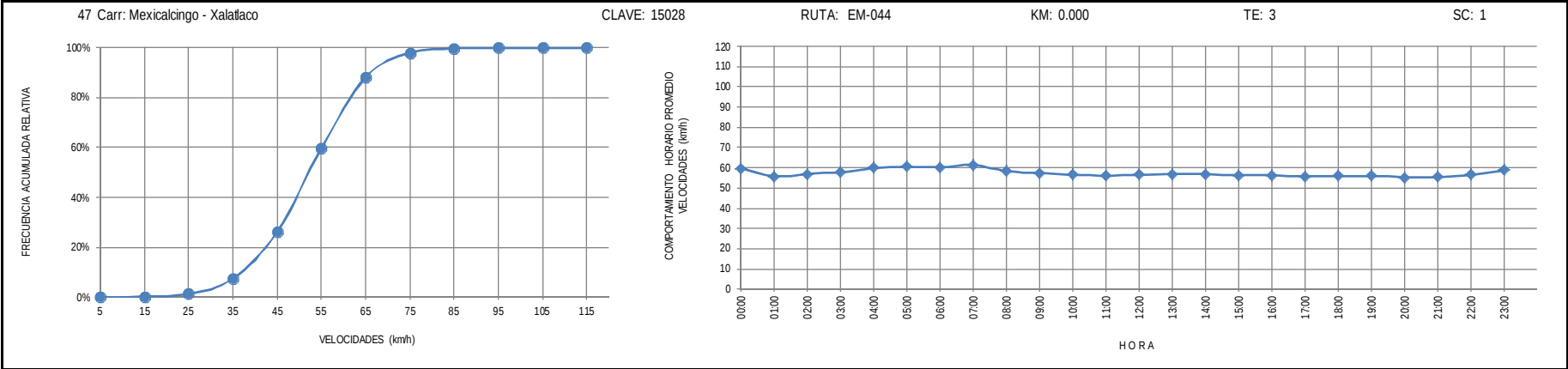
ruta: EM-HGO

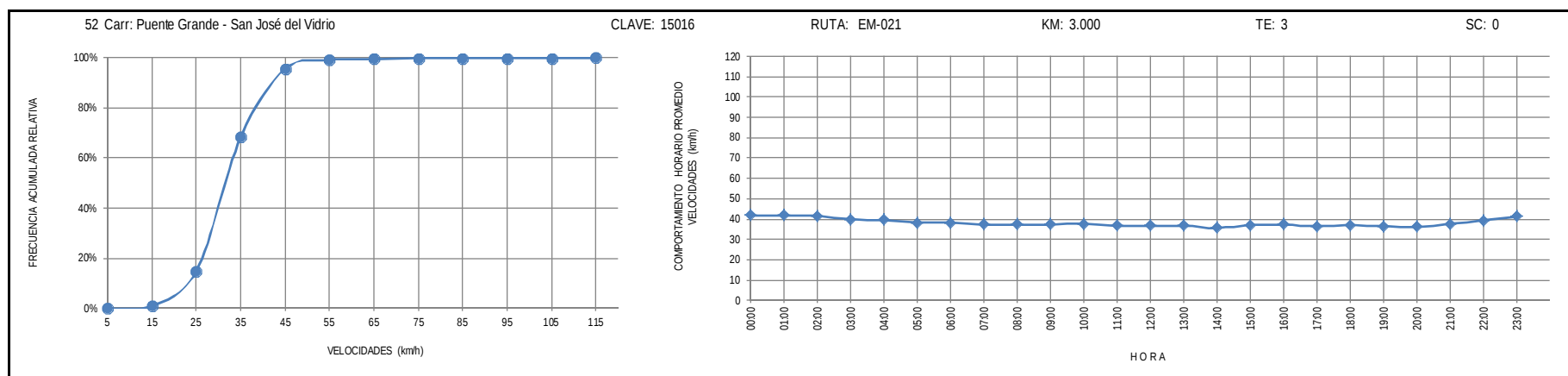
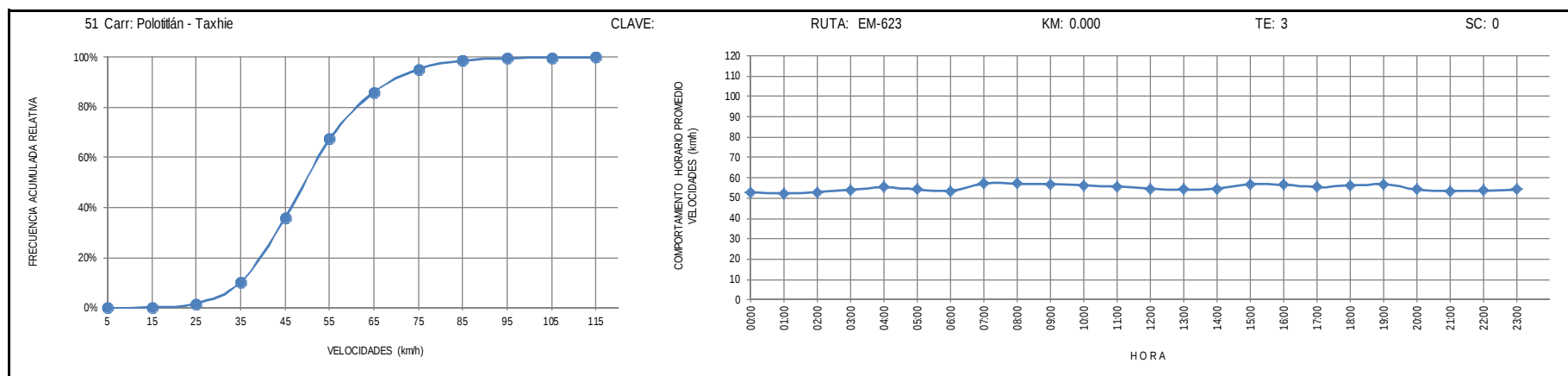
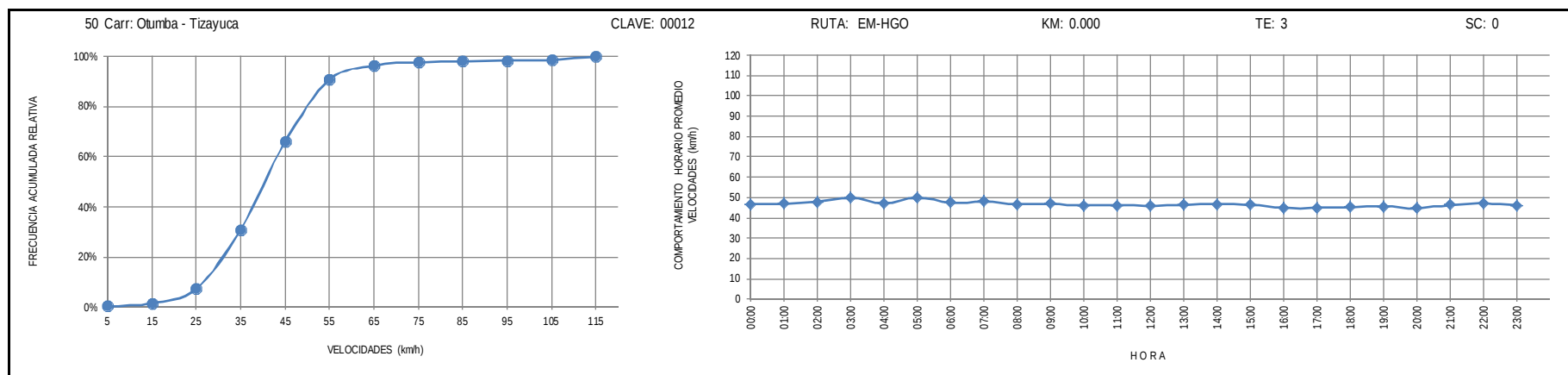
KM: 1.350

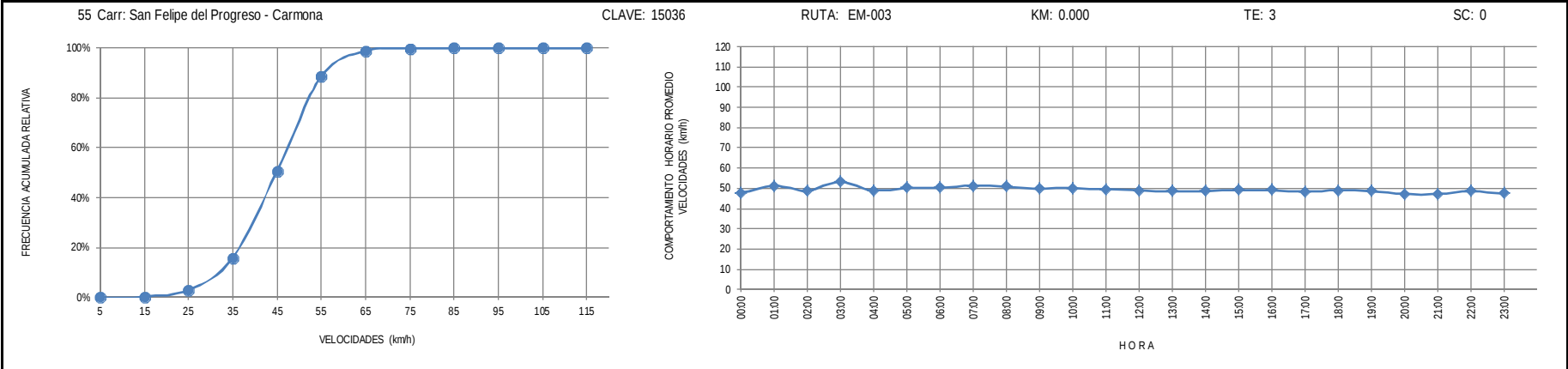
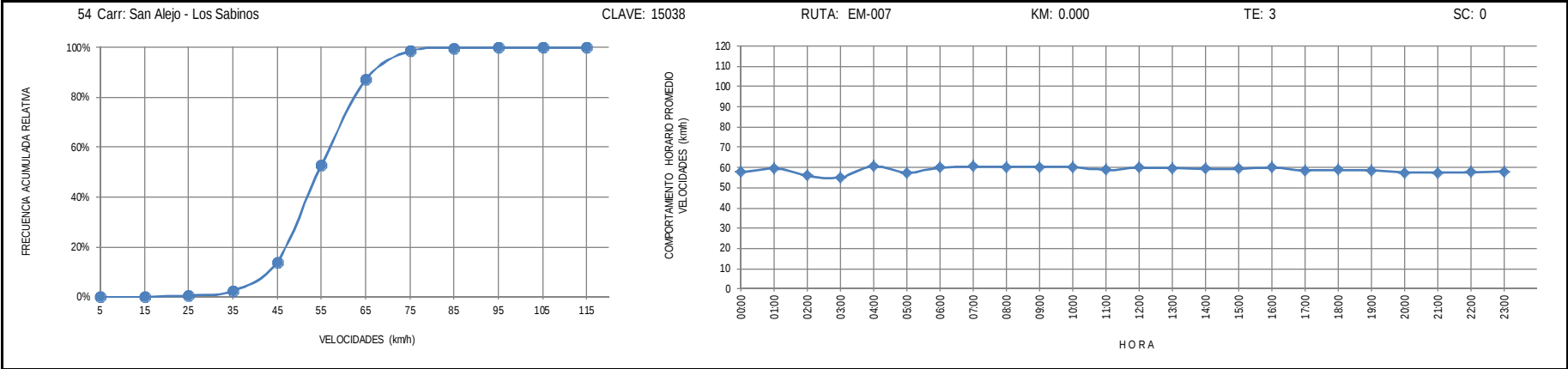
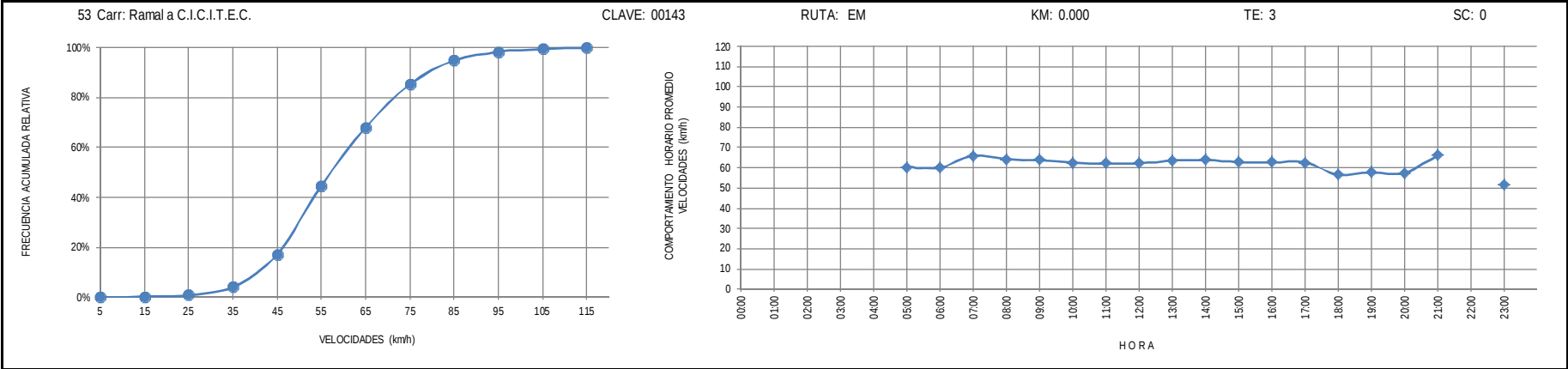
TE: 3

SC: 1



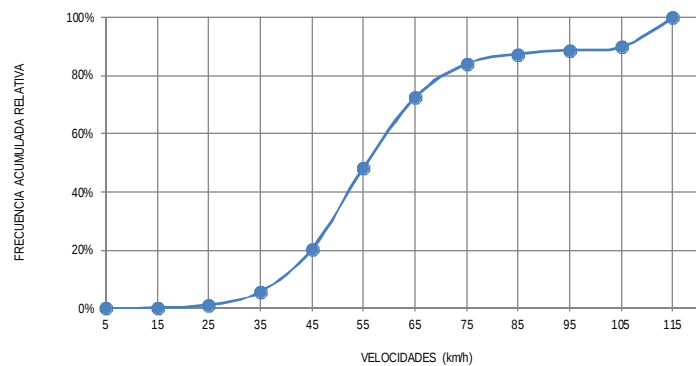






56 Carr: San Luis Mexitepec - Valle de Bravo

CLAVE: 15001

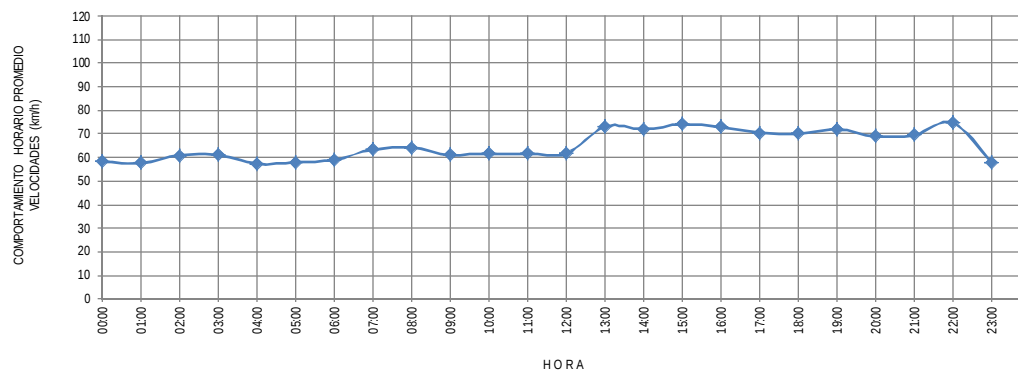


ruta: EM-001

KM: 0.000

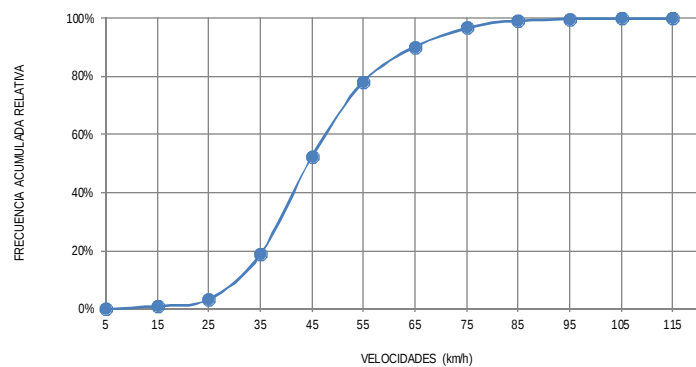
TE: 3

SC: 1



57 Carr: San Martín de Las Pirámides - San Miguel Atlamajac

CLAVE: 15001

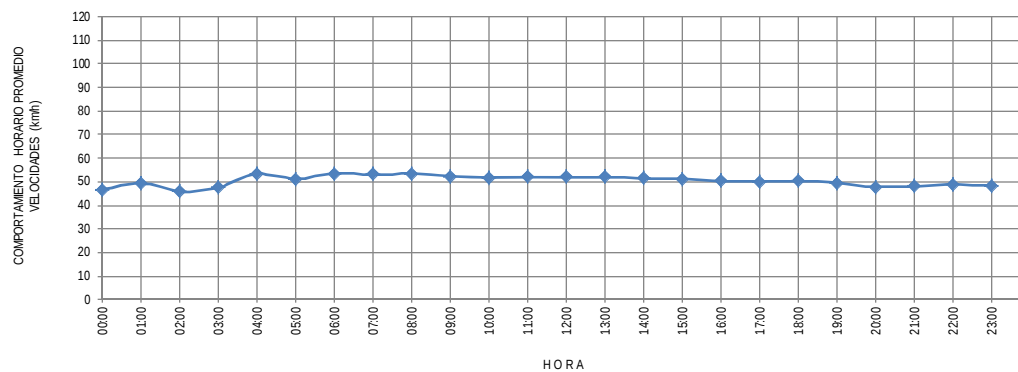


ruta: EM

KM: 0.000

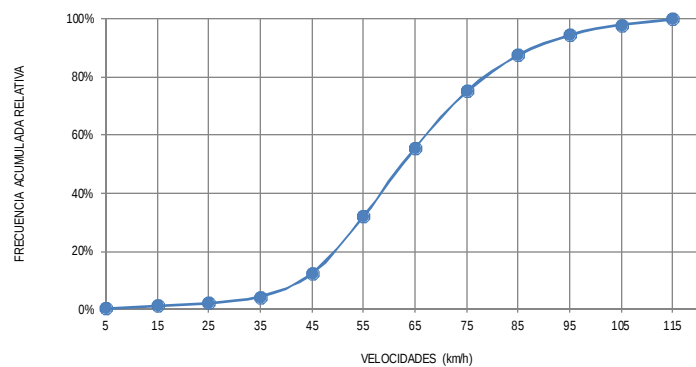
TE: 3

SC: 0



58 Carr: San Pedro Barrientos - Ecatepec

CLAVE: 15015

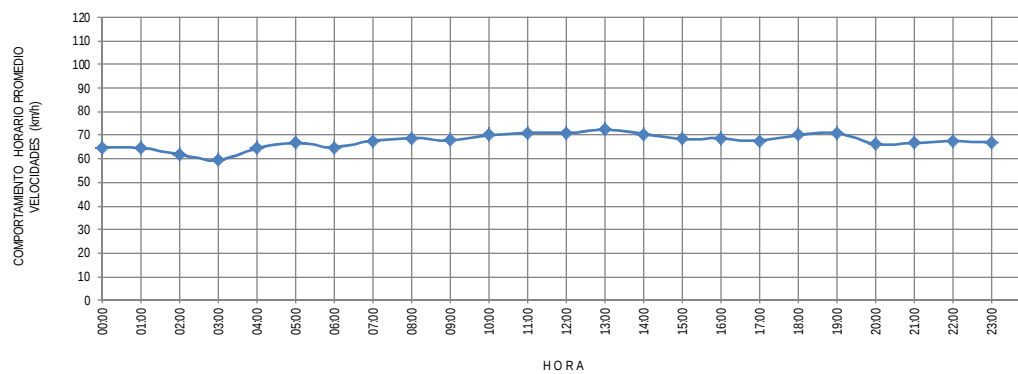


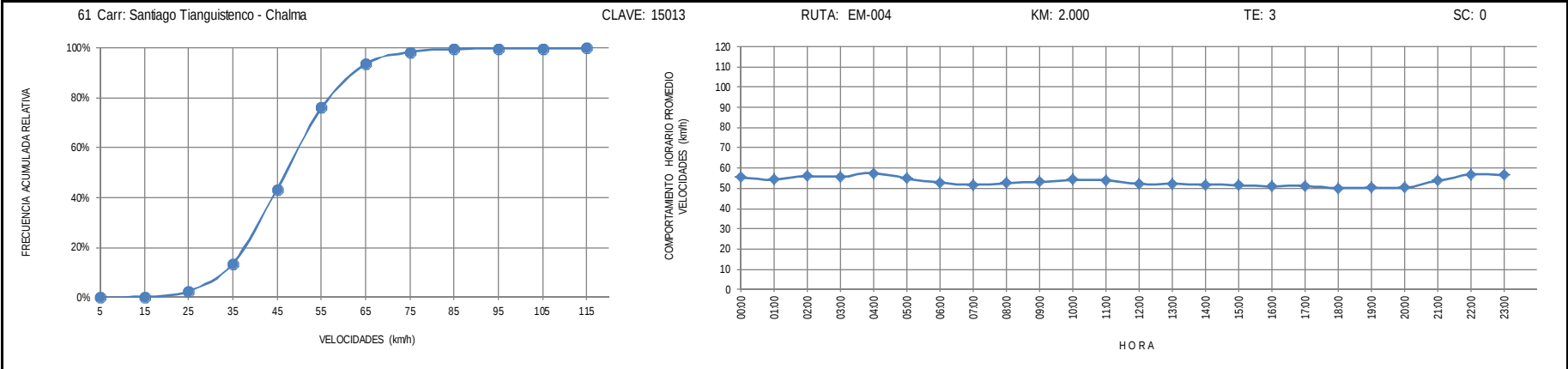
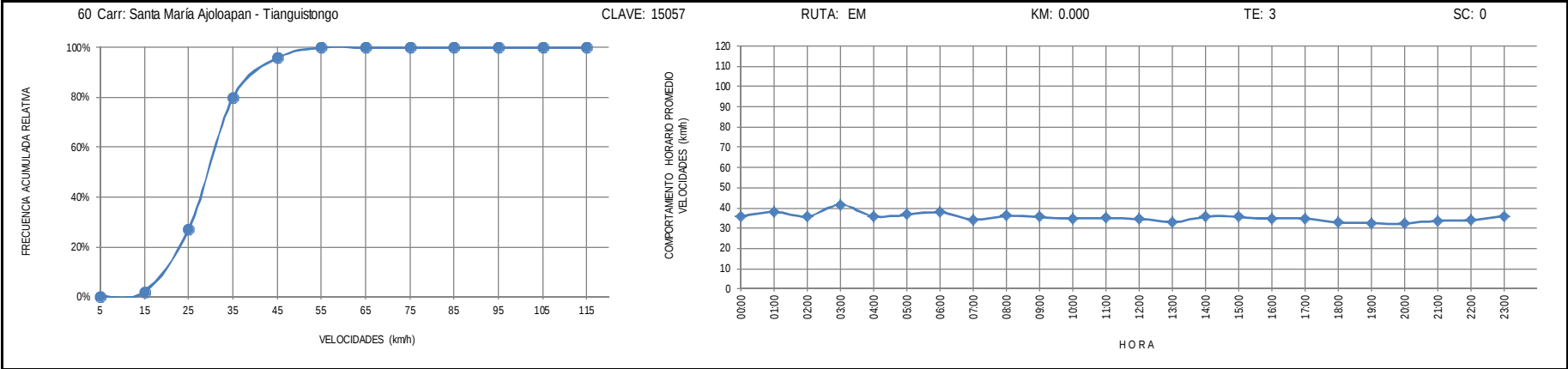
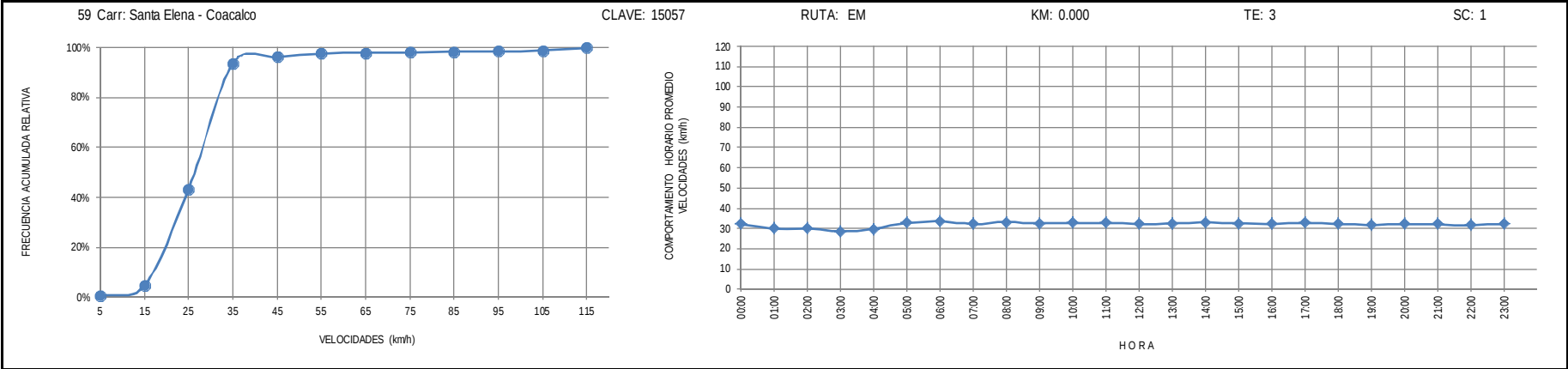
ruta: EM

KM: 2.290

TE: 1

SC: 1





62 Carr: Santo Domingo - T. C. (México - Querétaro)

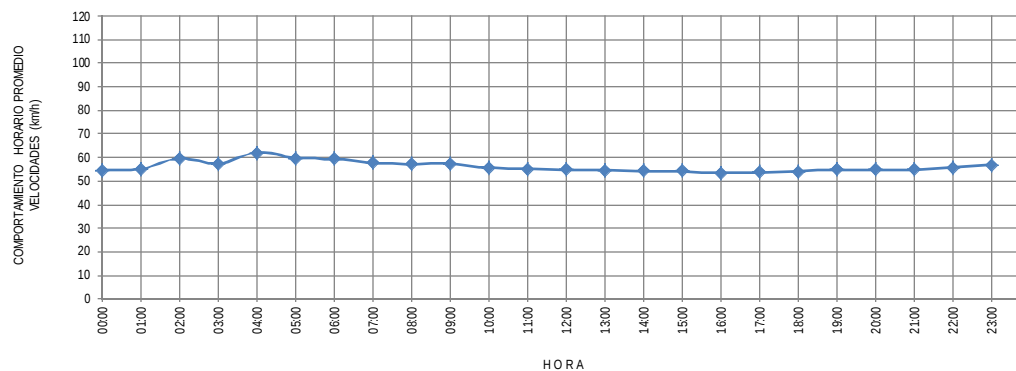
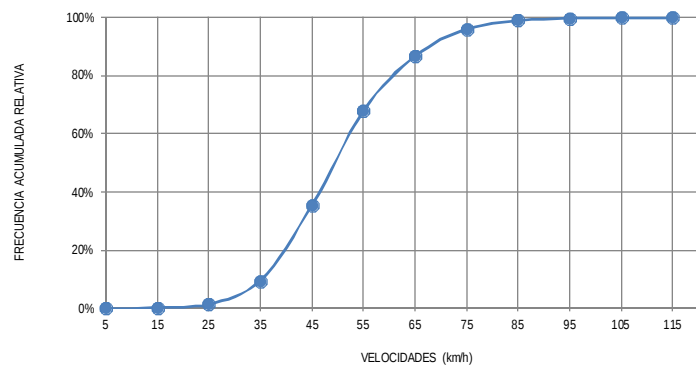
CLAVE: 00433

ruta: EM-011-HGO

KM: 0.000

TE: 3

SC: 0



63 Carr: T. C. (Atacomulco - Morelia) - San Felipe del Progreso

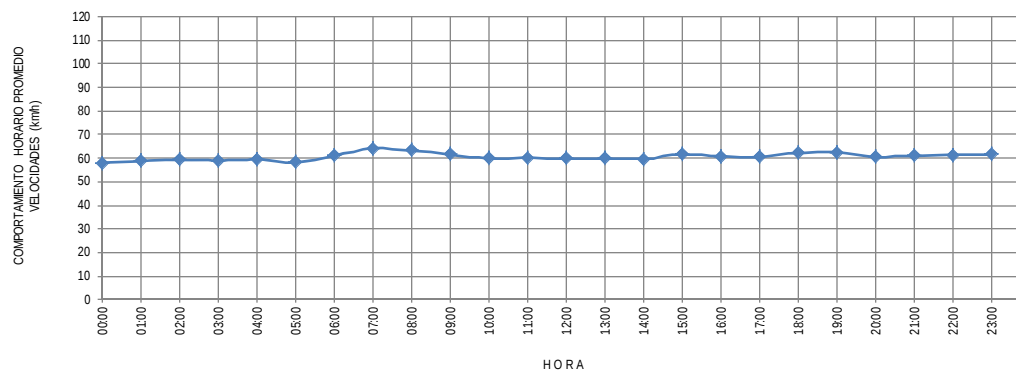
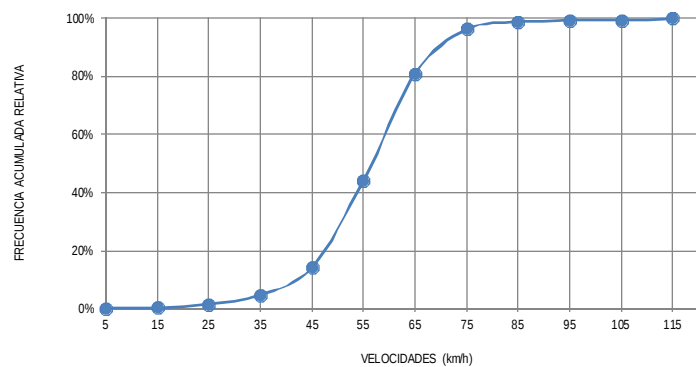
CLAVE: 15006

ruta: EM

KM: 0.000

TE: 3

SC: 1



64 Carr: T. C. (Atacomulco - Morelia) - Temascalcingo

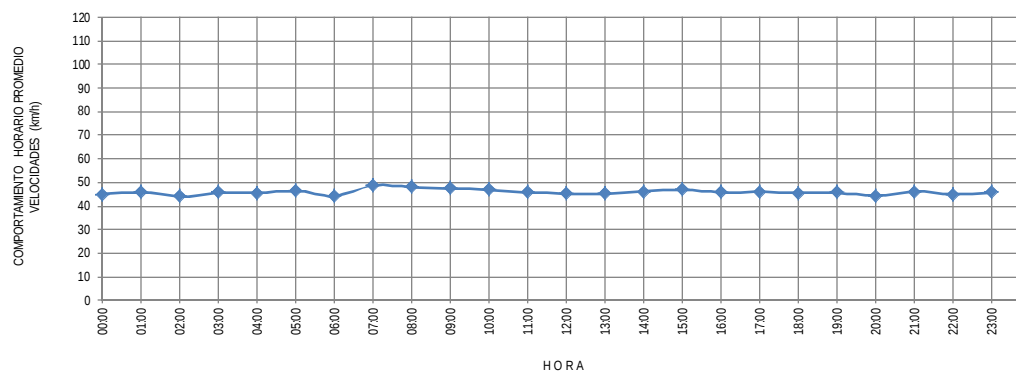
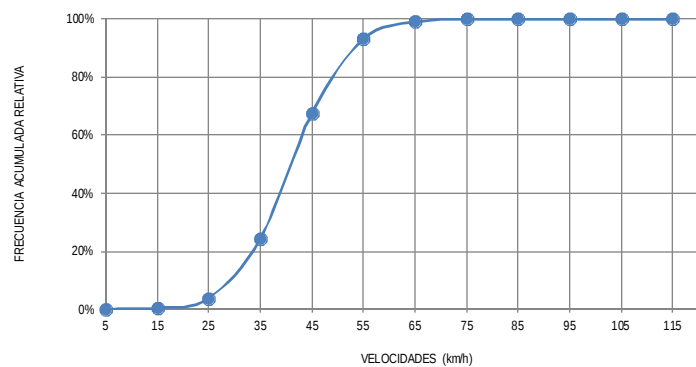
CLAVE: 15019

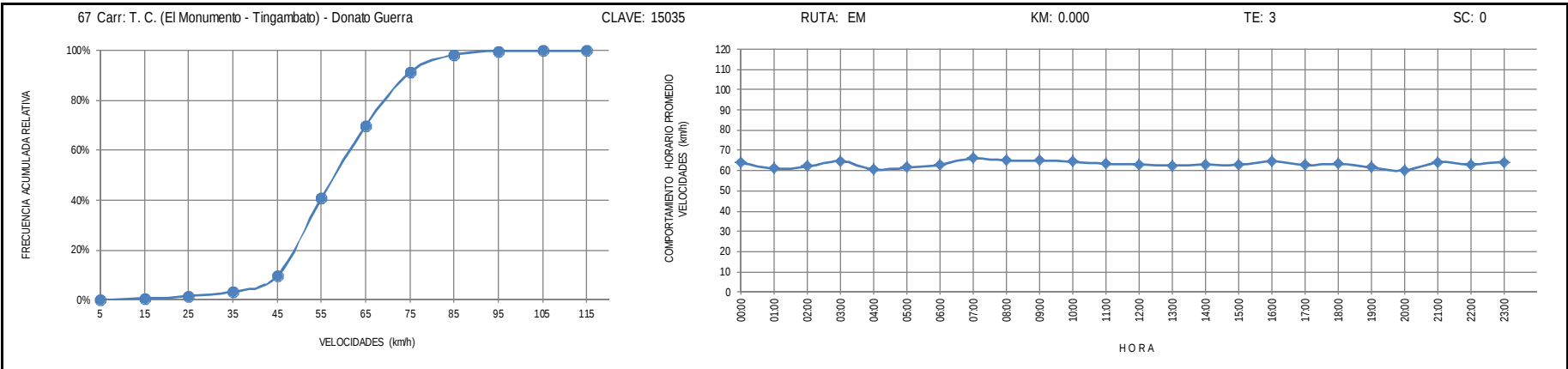
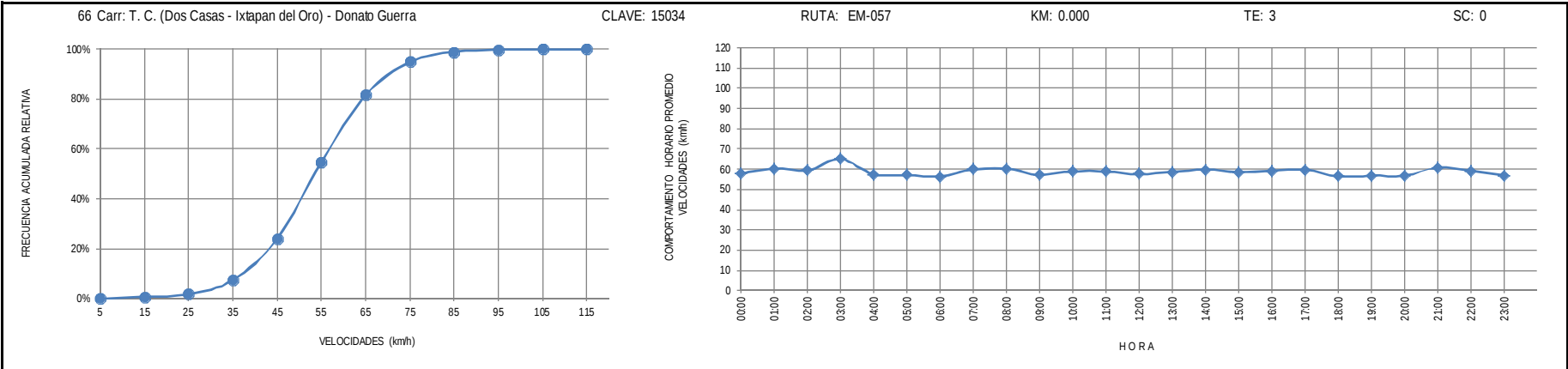
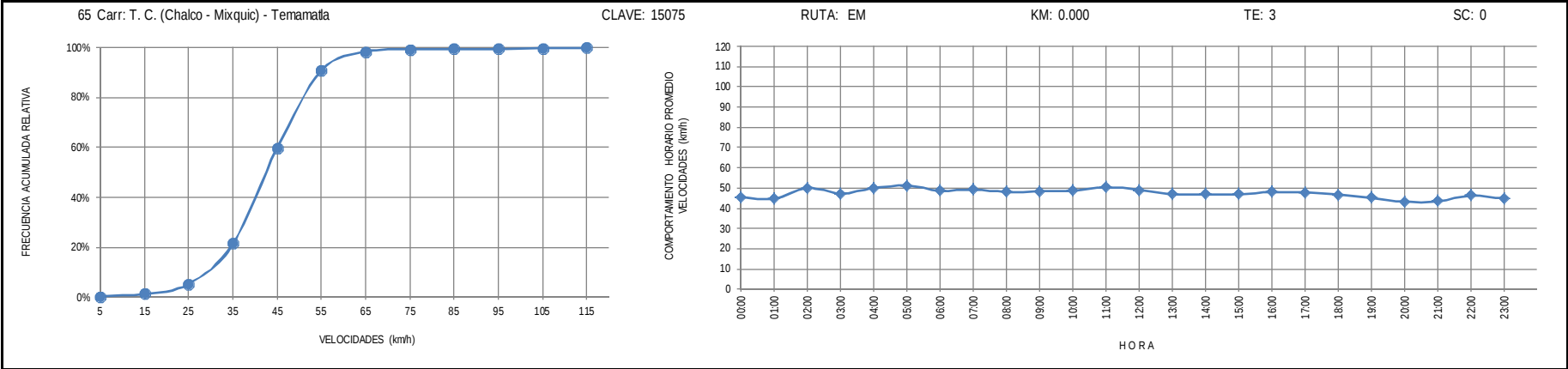
ruta: EM-033

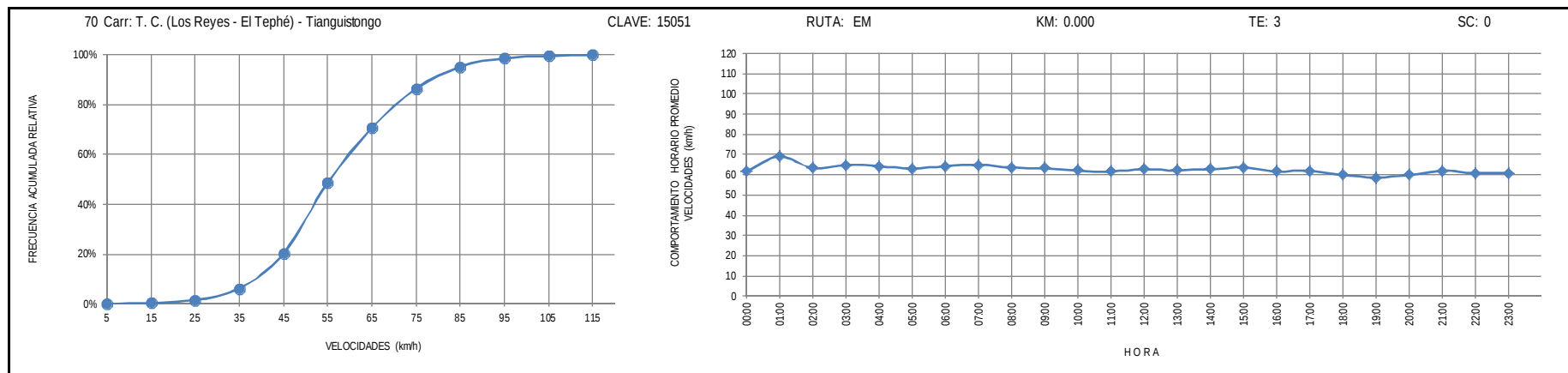
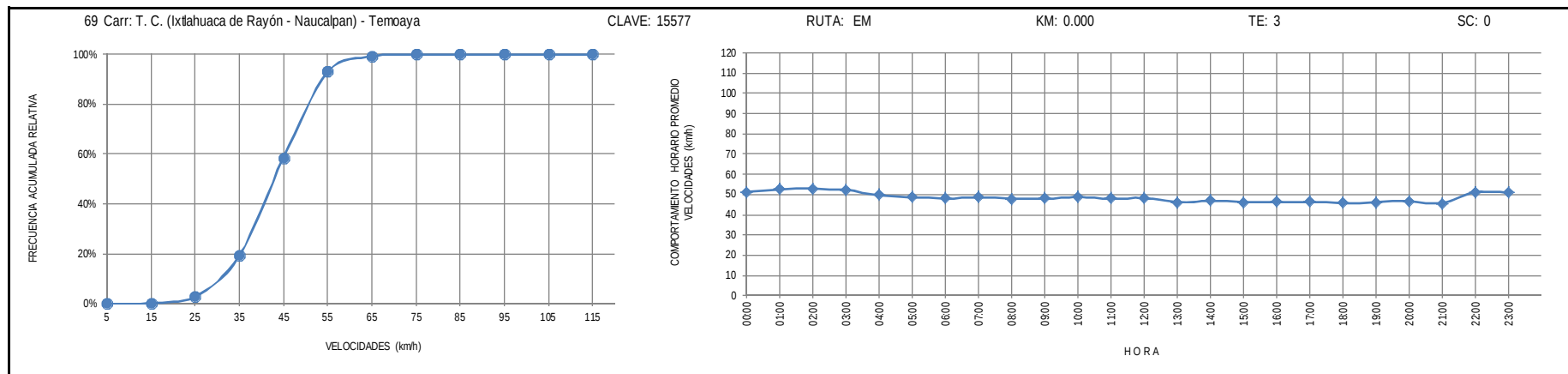
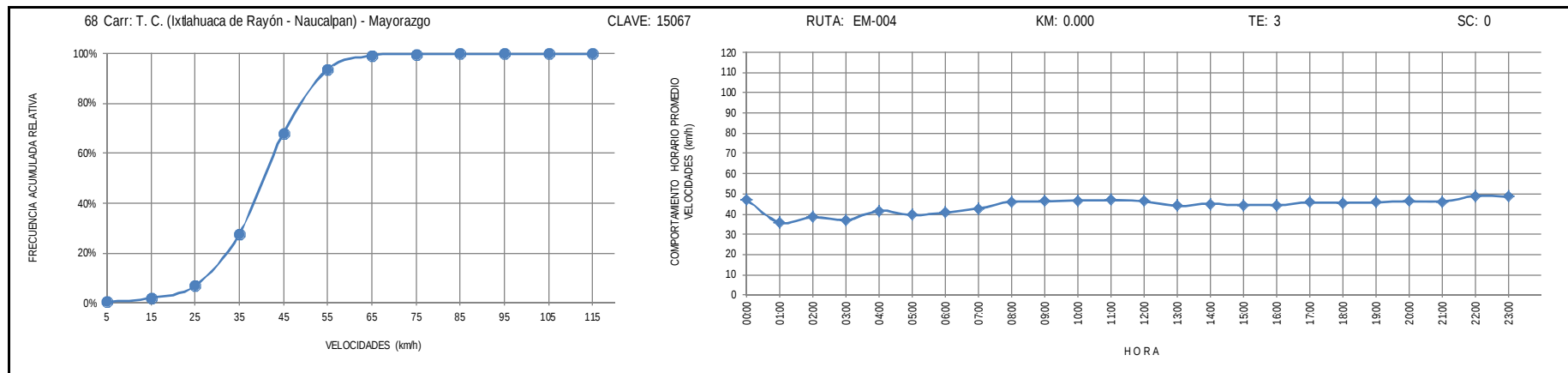
KM: 0.000

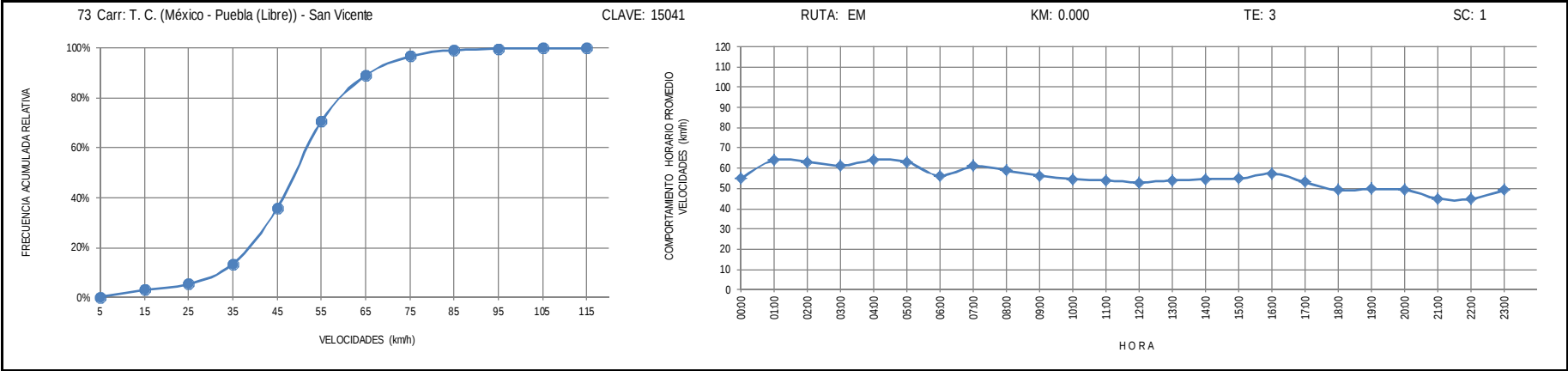
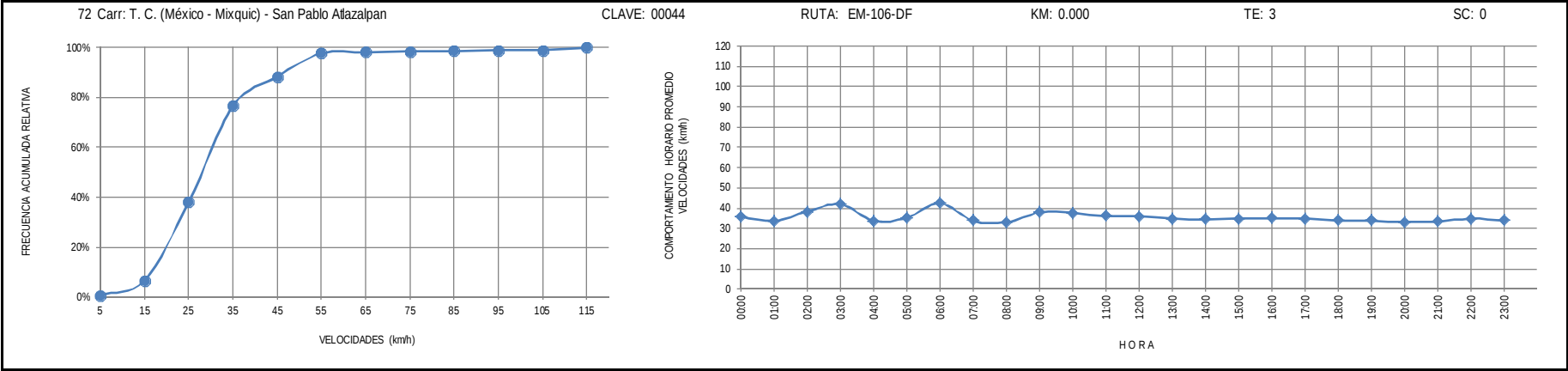
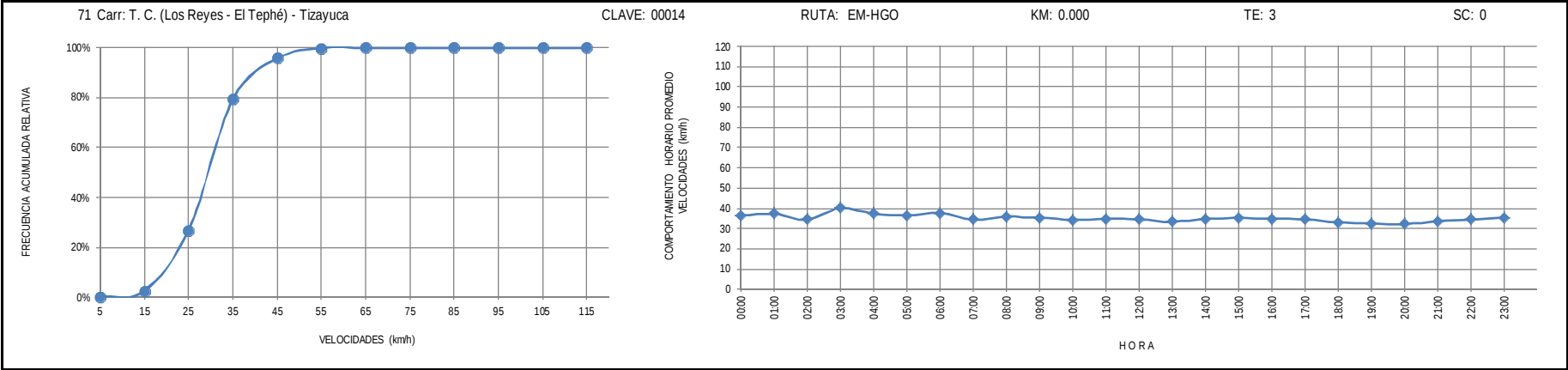
TE: 3

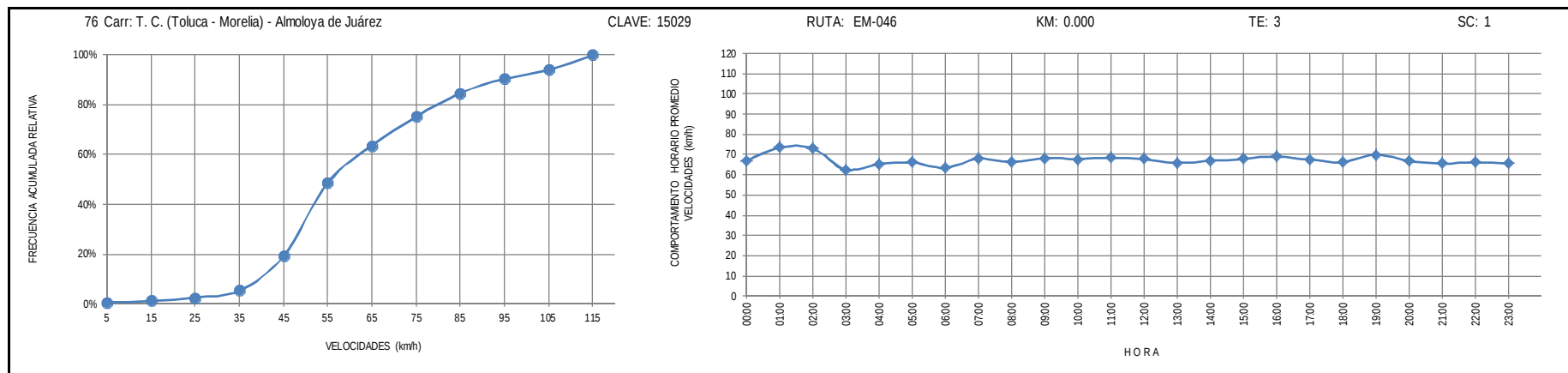
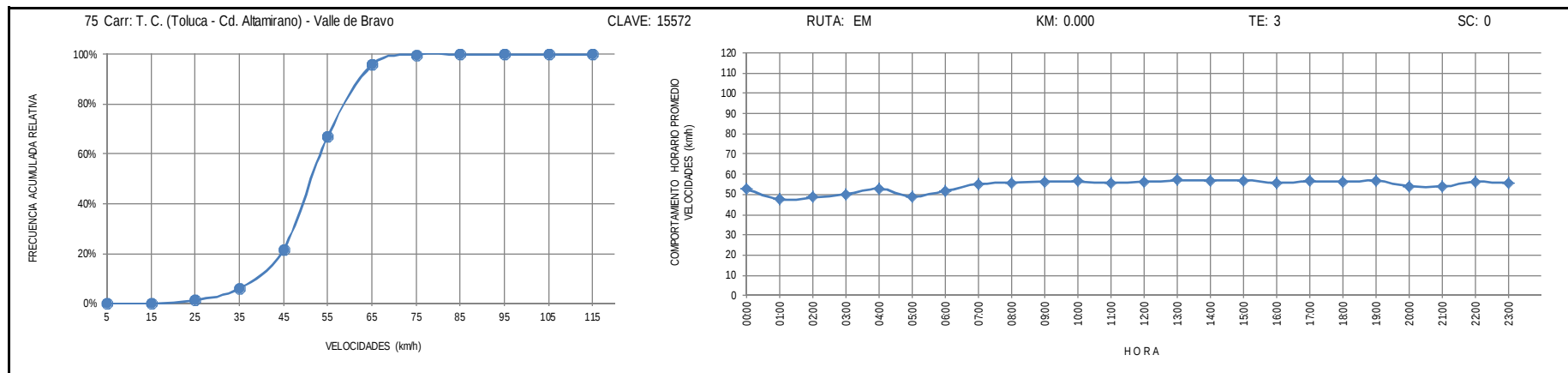
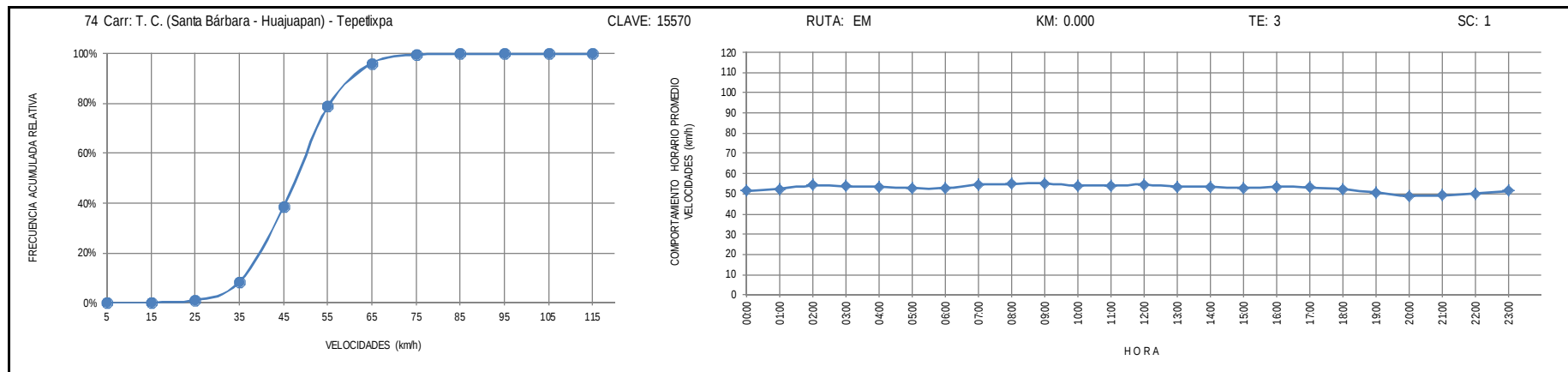
SC: 0

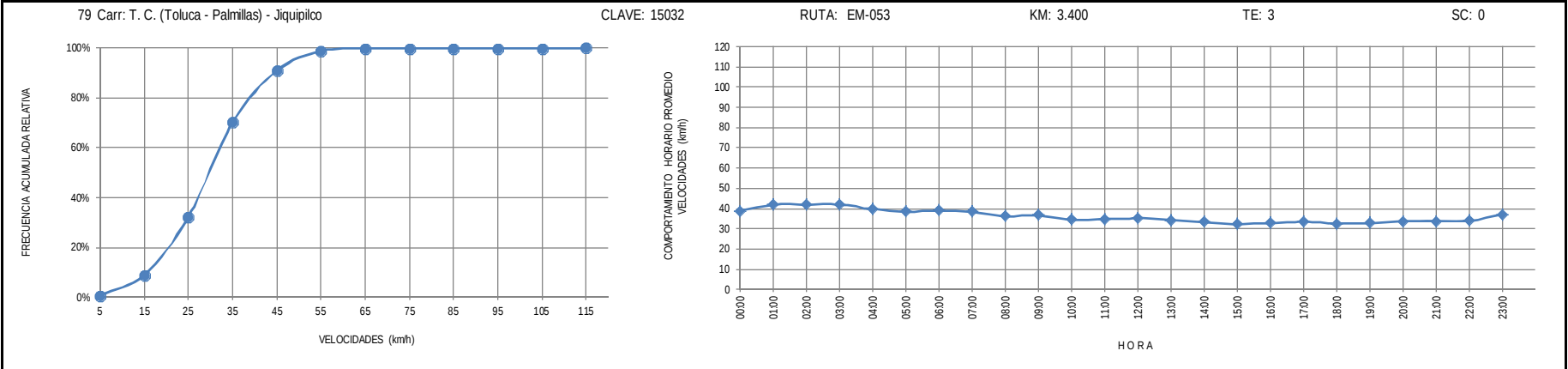
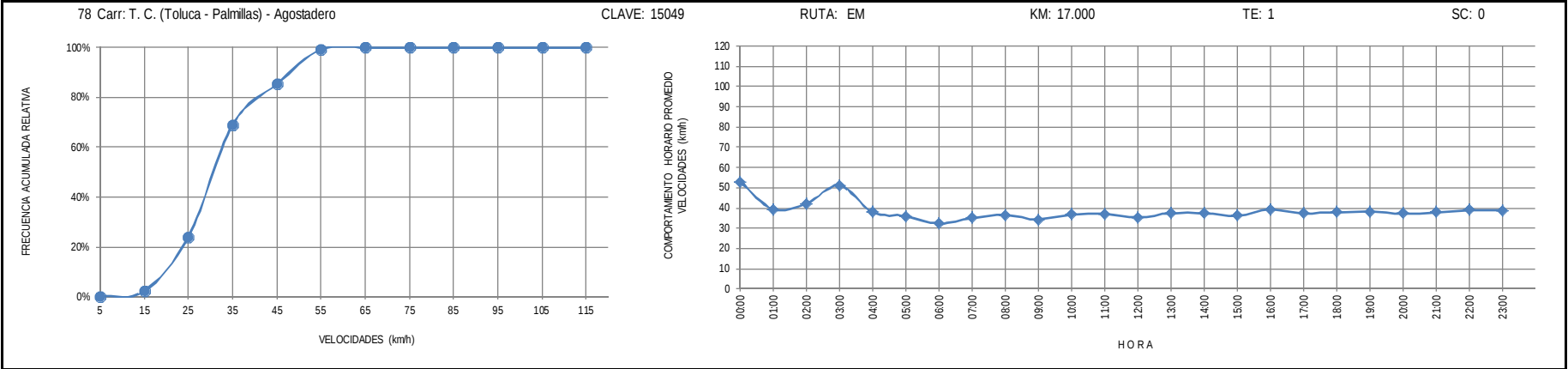
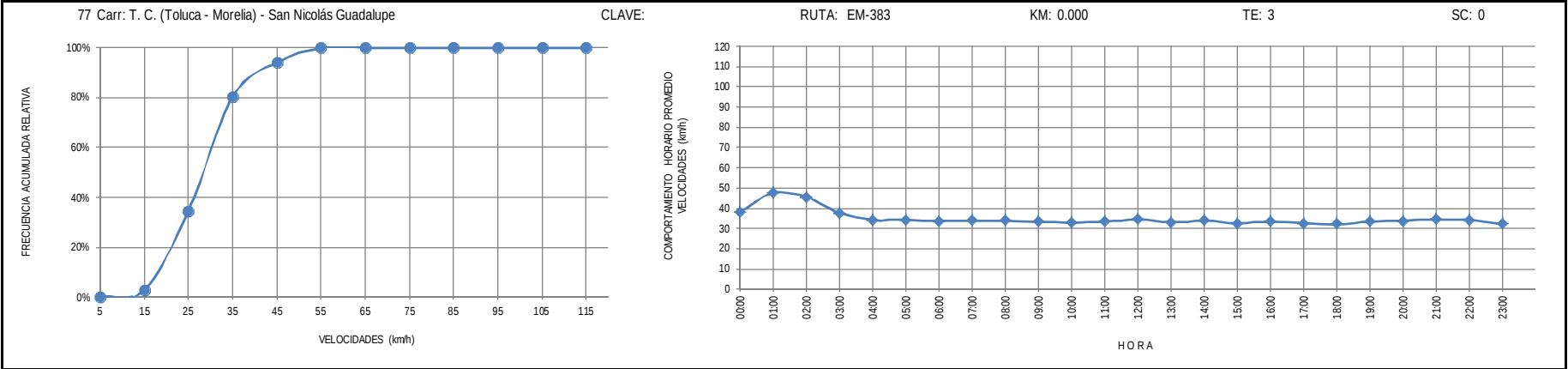












80 Carr: T. C. (Toluca - Palmillas) - Jocotitán

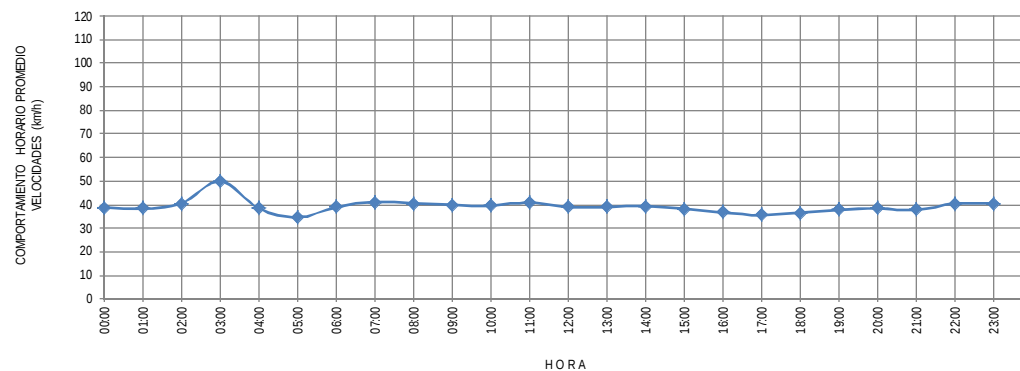
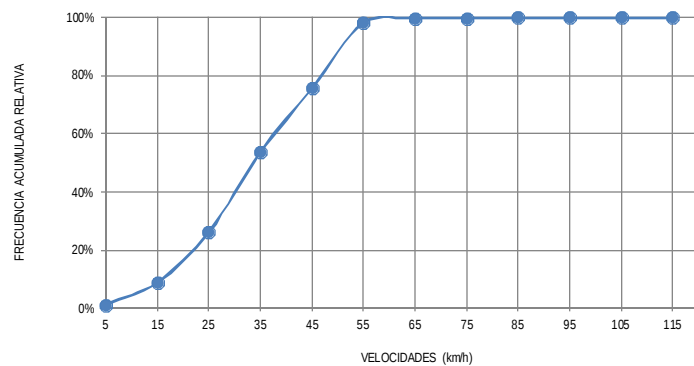
CLAVE: 15052

ruta: EM

KM: 0.000

TE: 3

SC: 0



81 Carr: T. C. (V. Victoria - El Oro de Hidalgo) - Angangueo

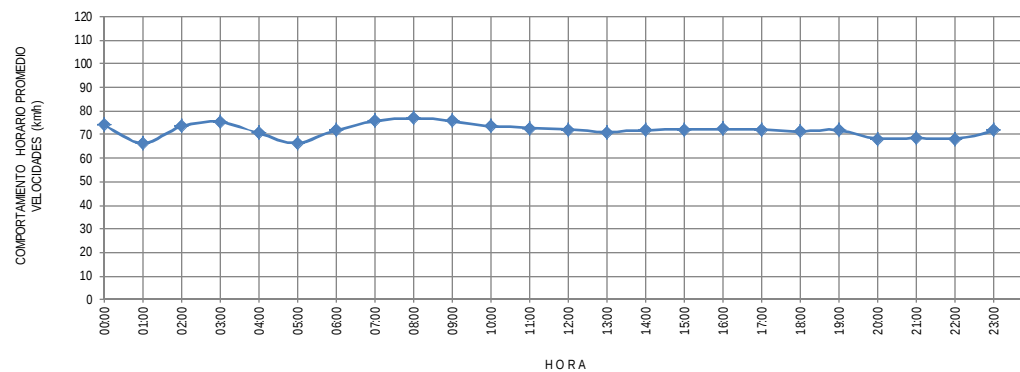
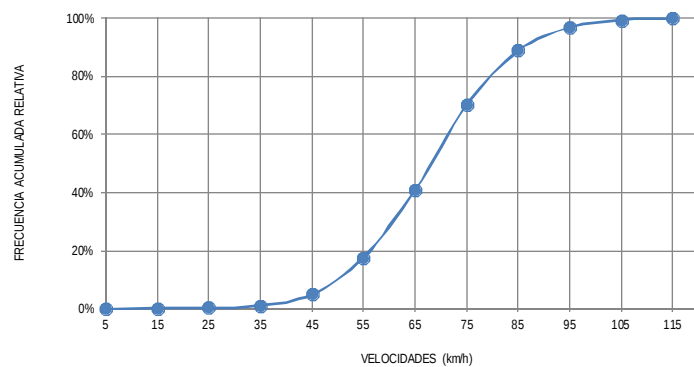
CLAVE: 00195

ruta: EM-003-MICH

KM: 0.000

TE: 3

SC: 1



82 Carr: Tecámac - Ent Atlabampo

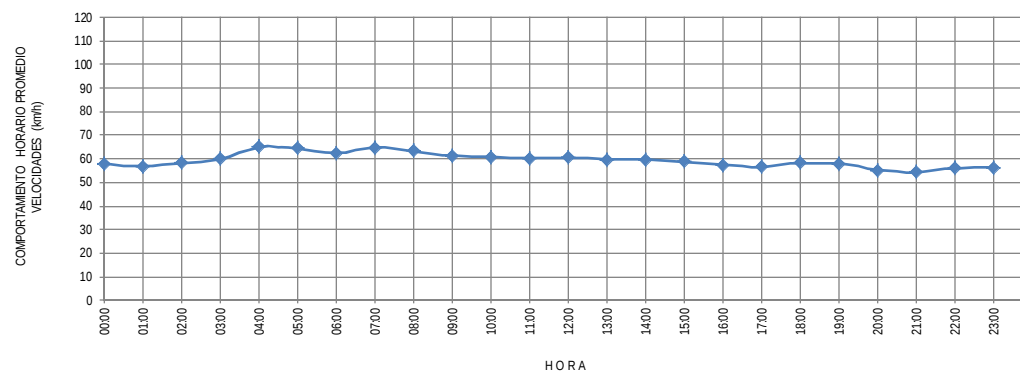
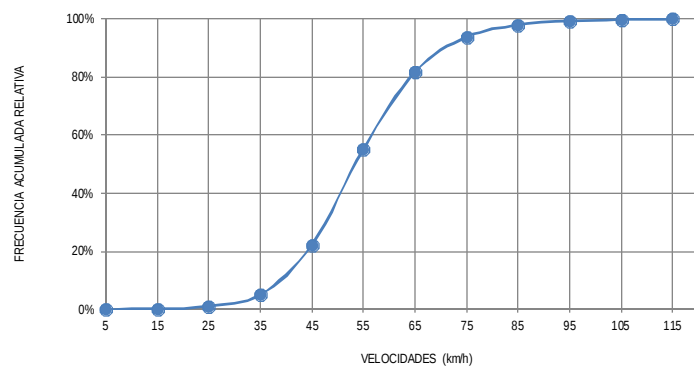
CLAVE: 15070

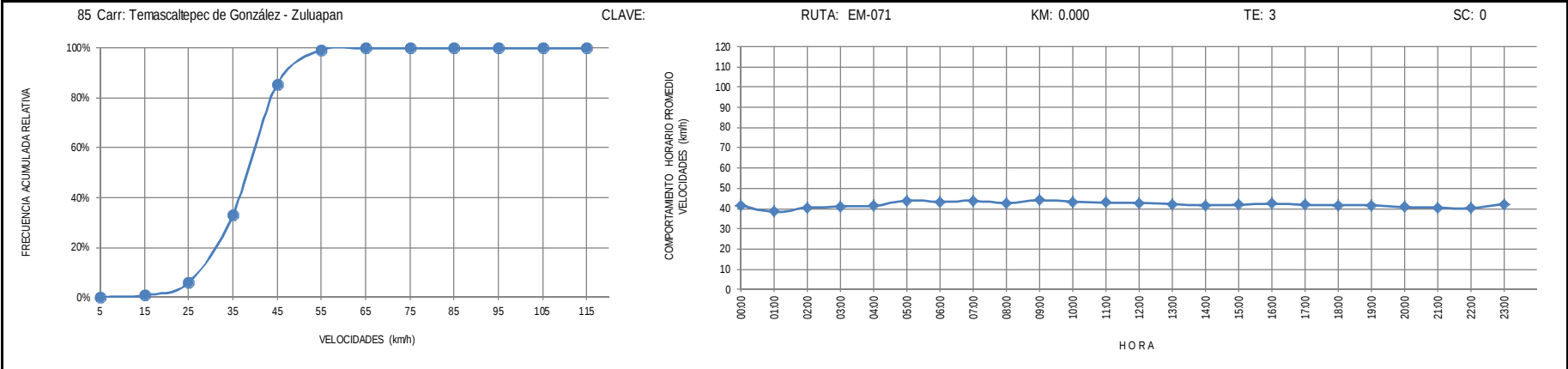
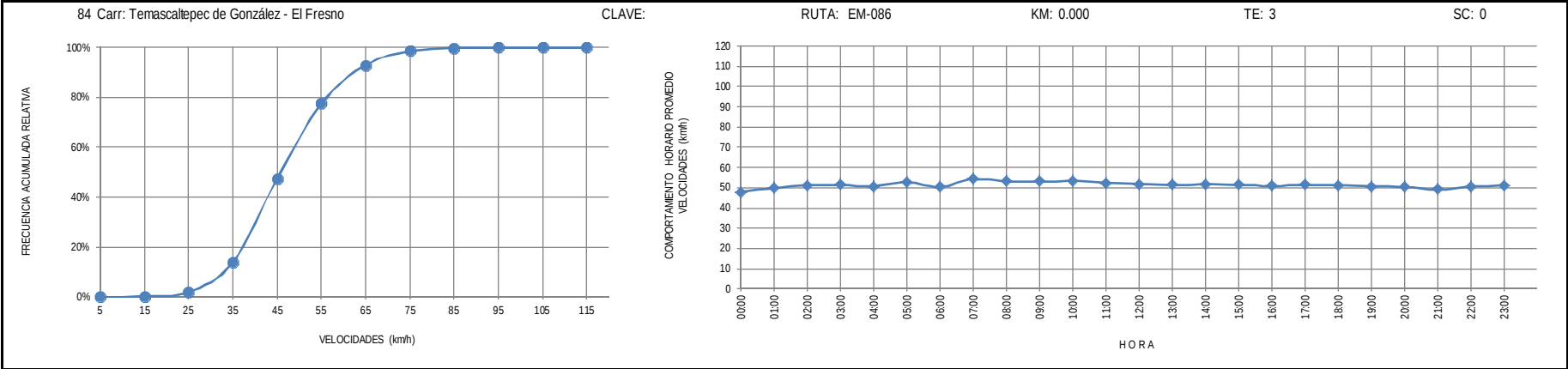
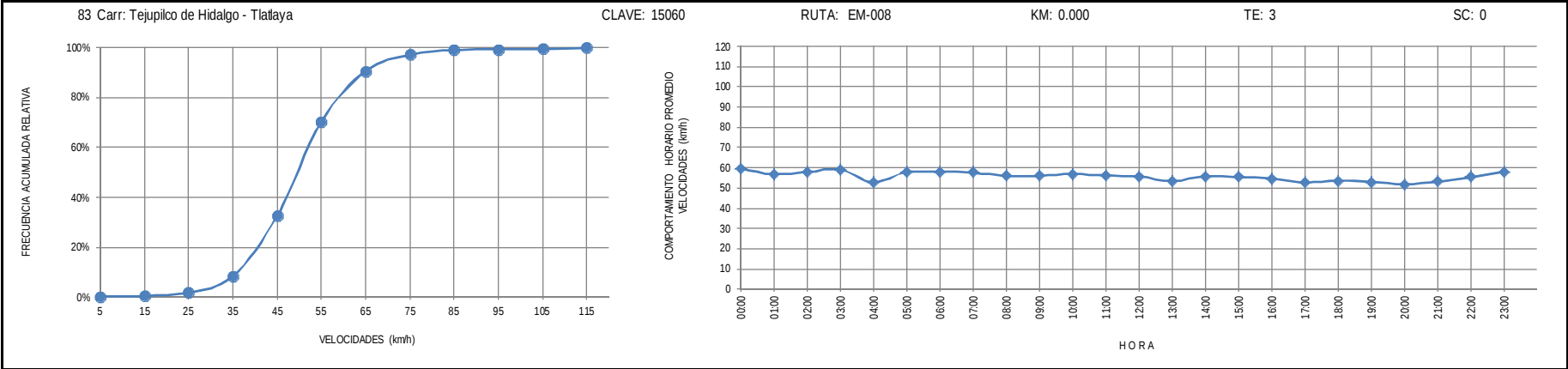
ruta: EM

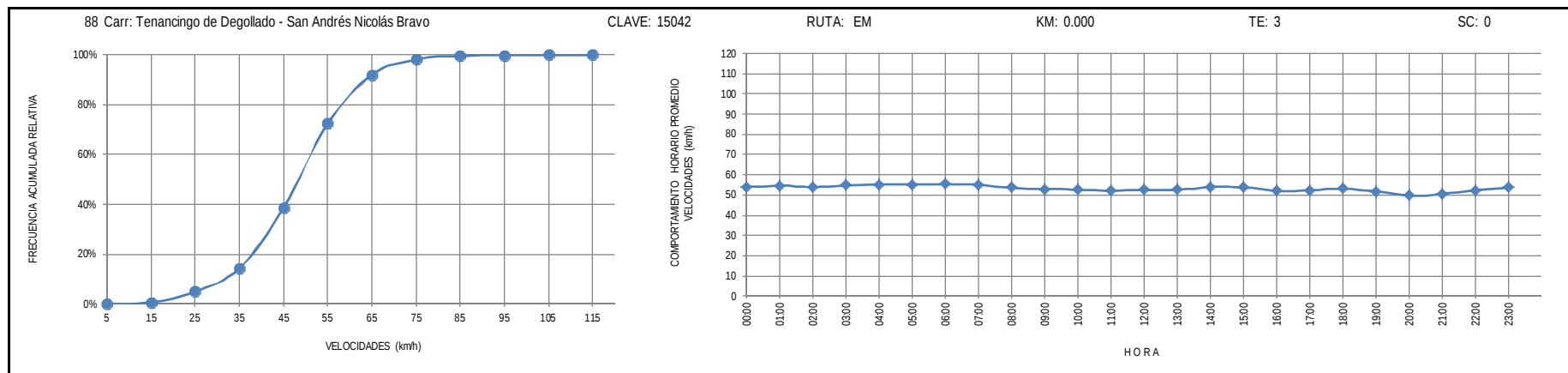
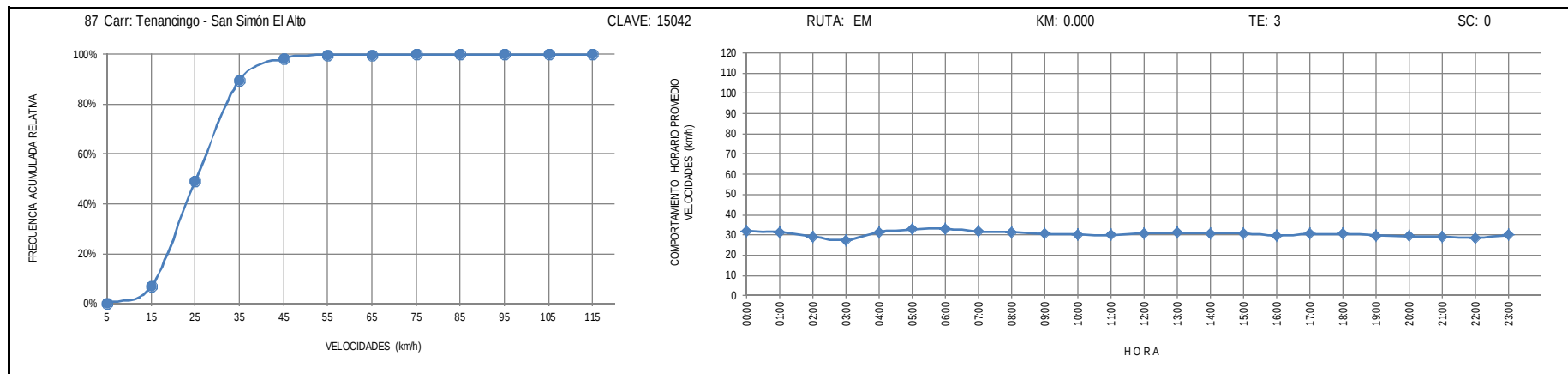
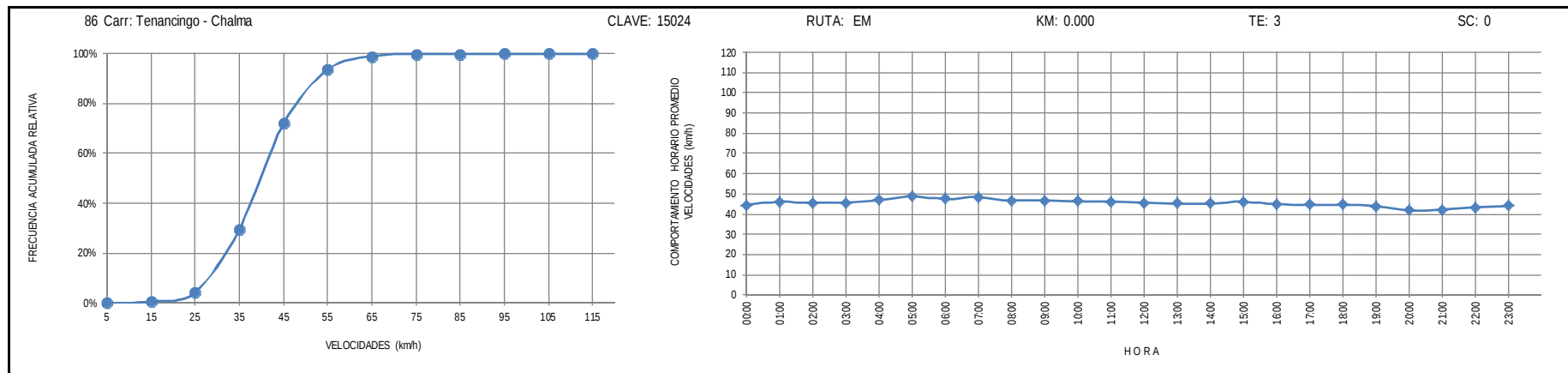
KM: 1.100

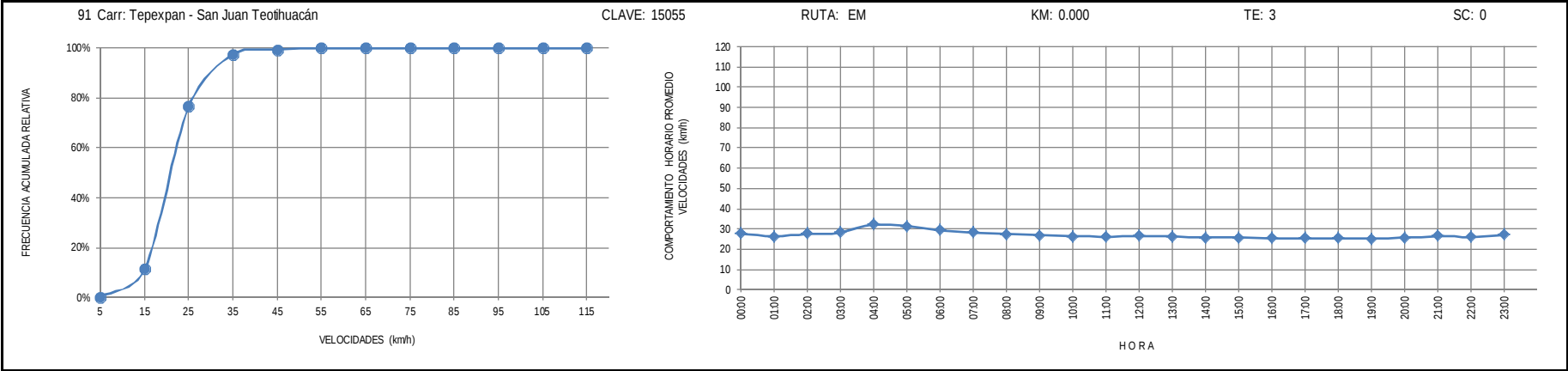
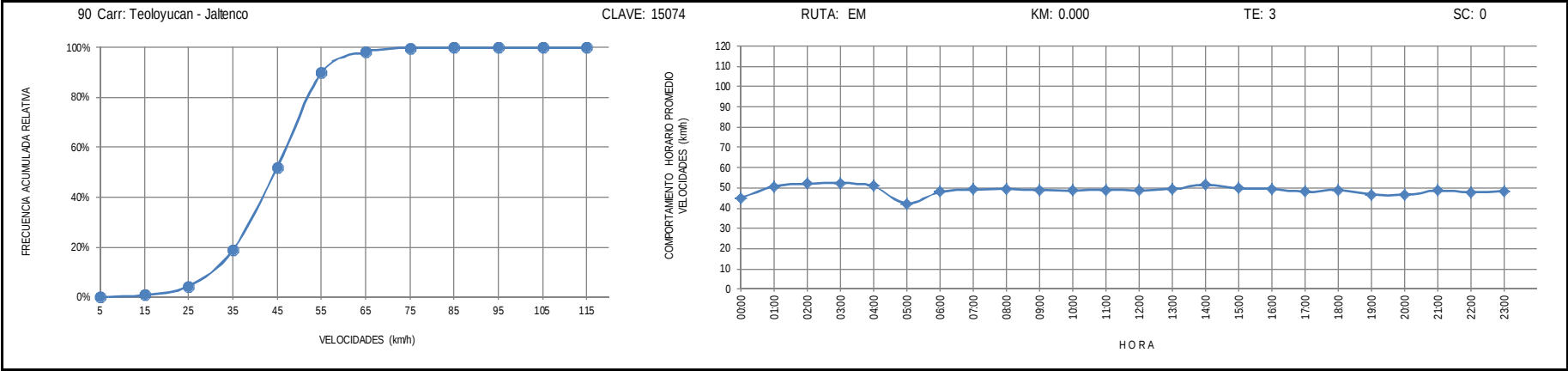
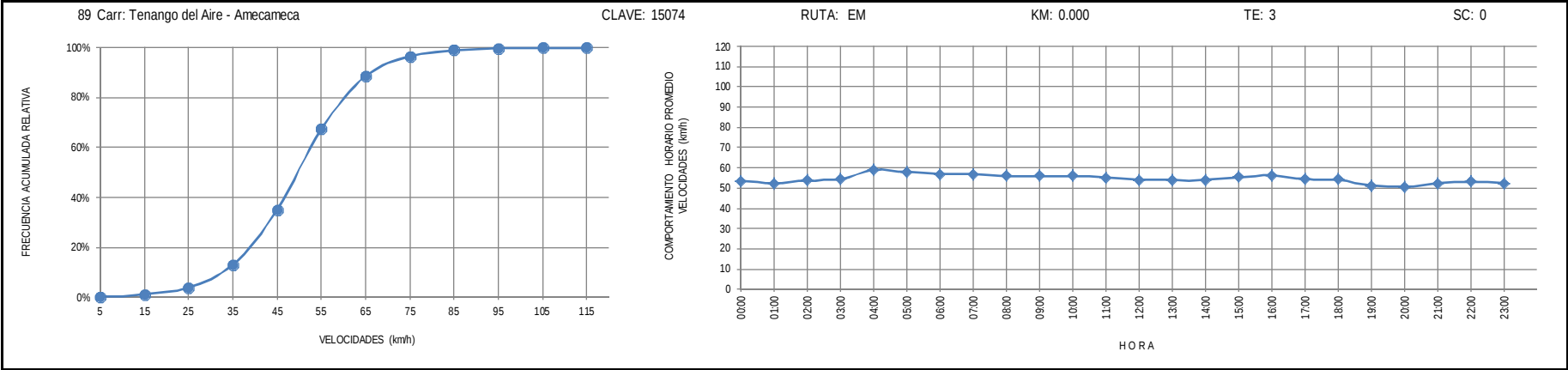
TE: 3

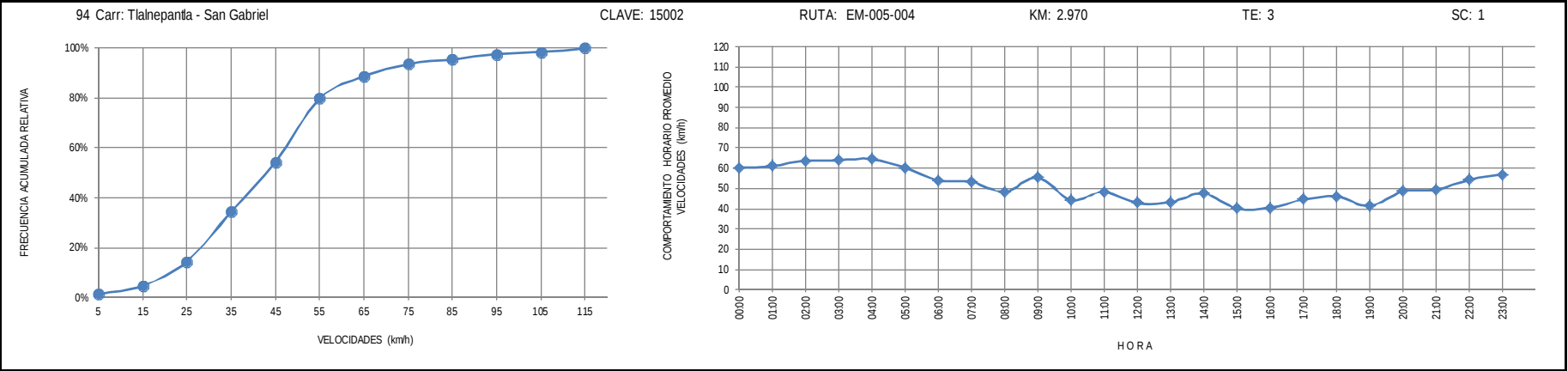
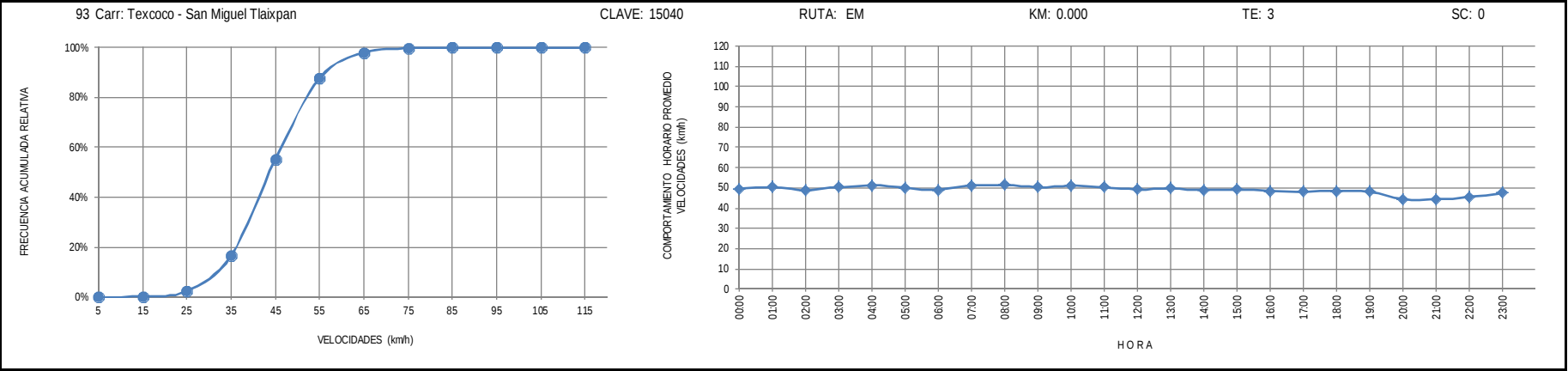
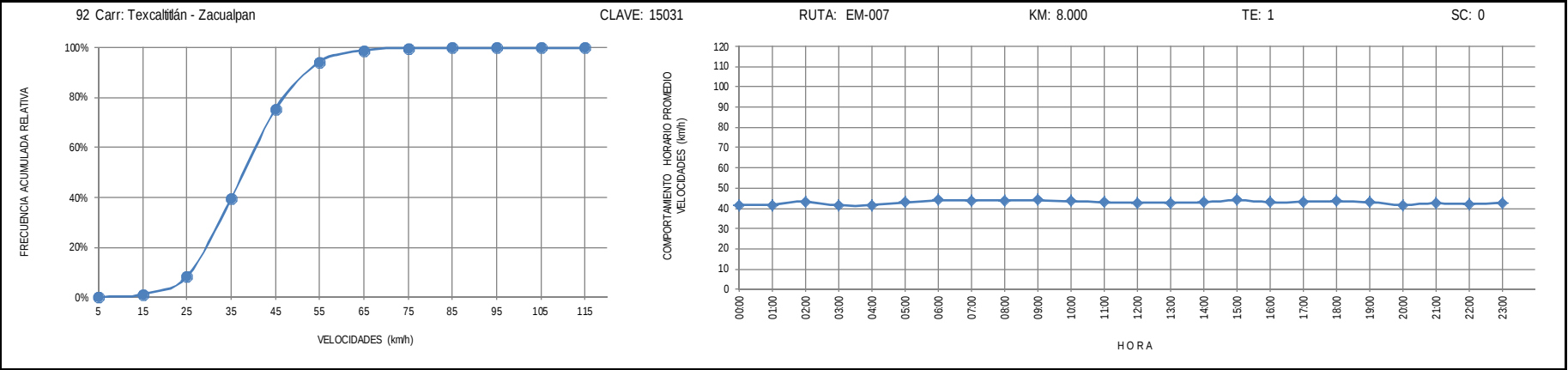
SC: 0

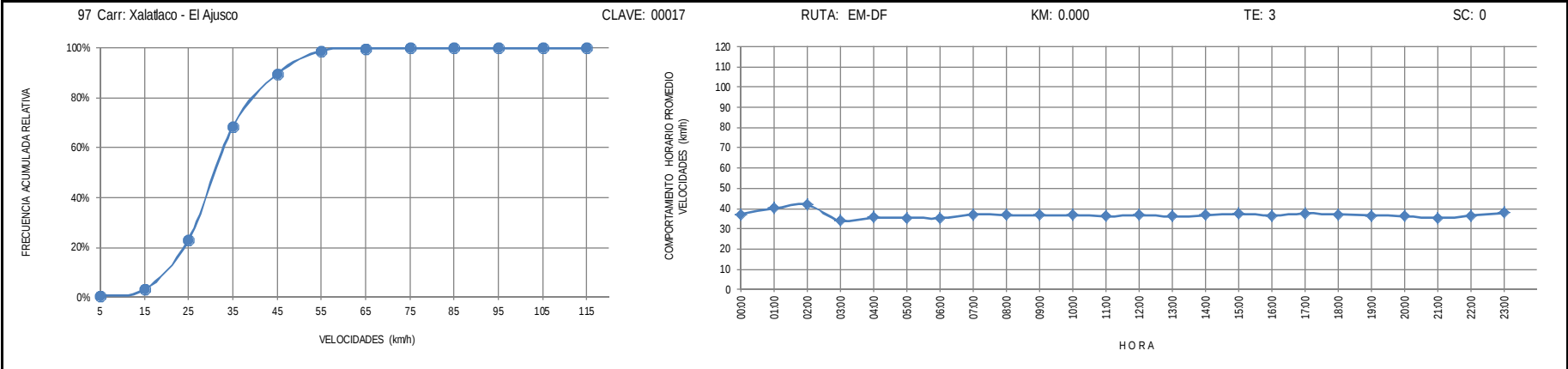
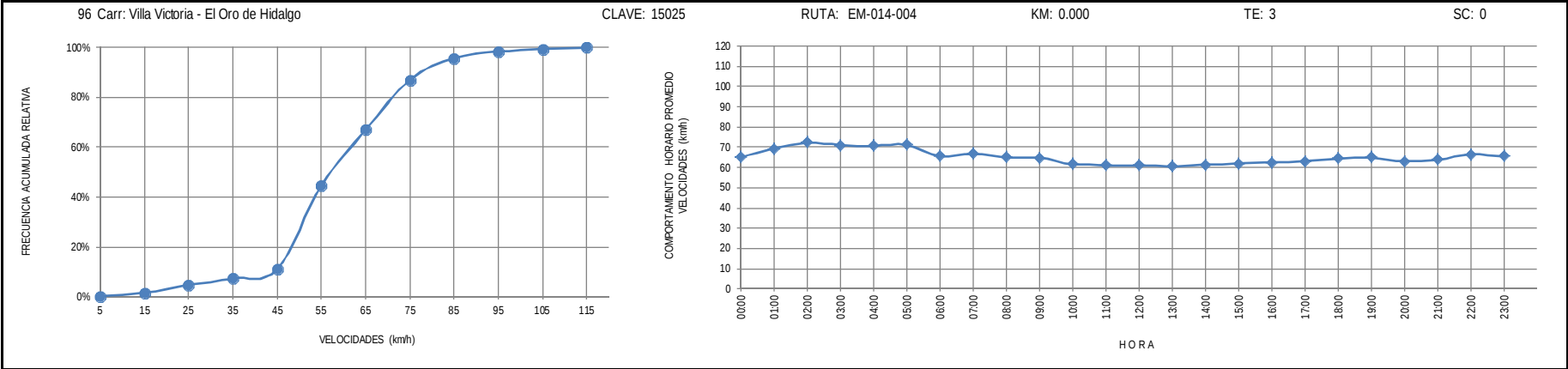
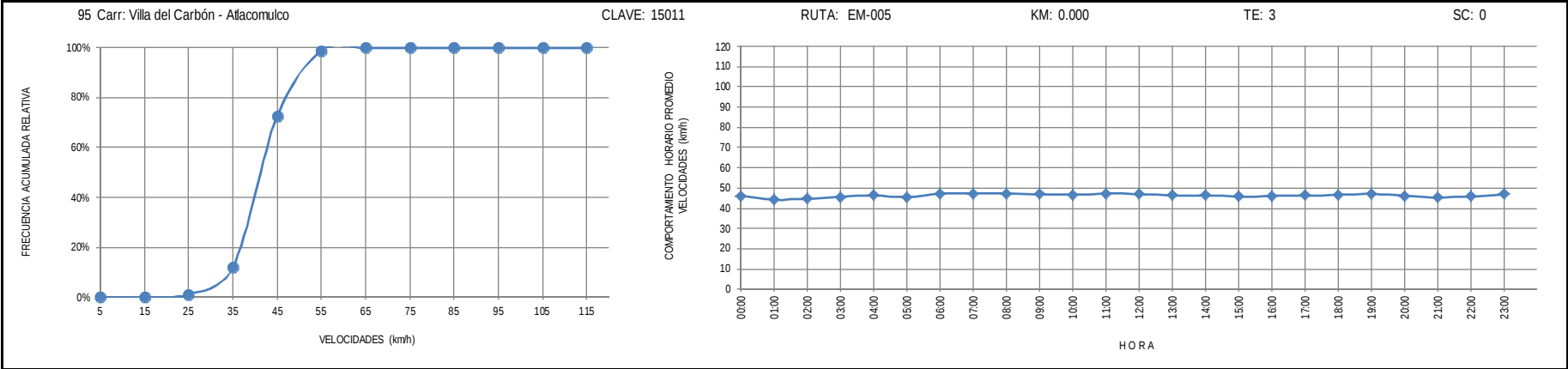












99 Carr: Atlacomulco - Morelia

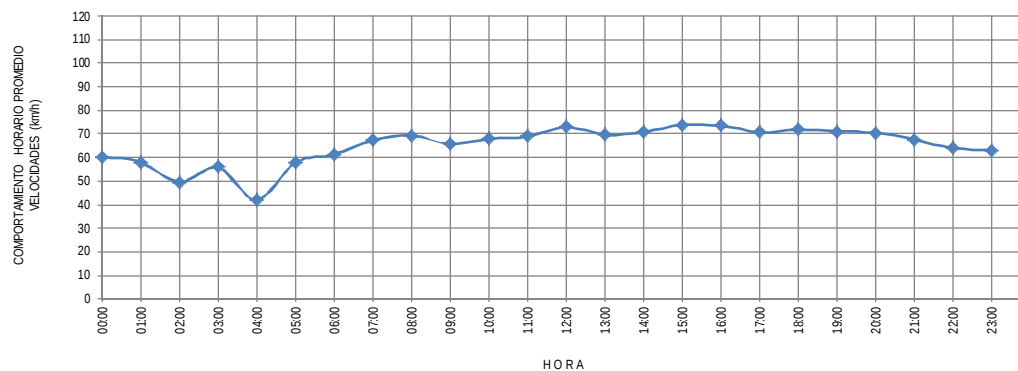
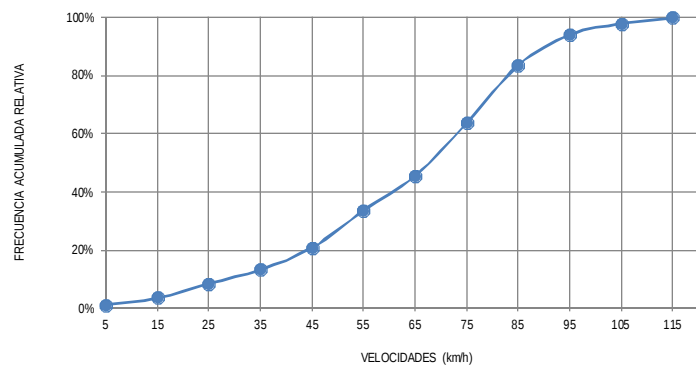
CLAVE: 00151

ruta: EM-005-MEX-126

KM: 0.000

TE: 3

SC: 1



100 Carr: El Monumento - Tingambato

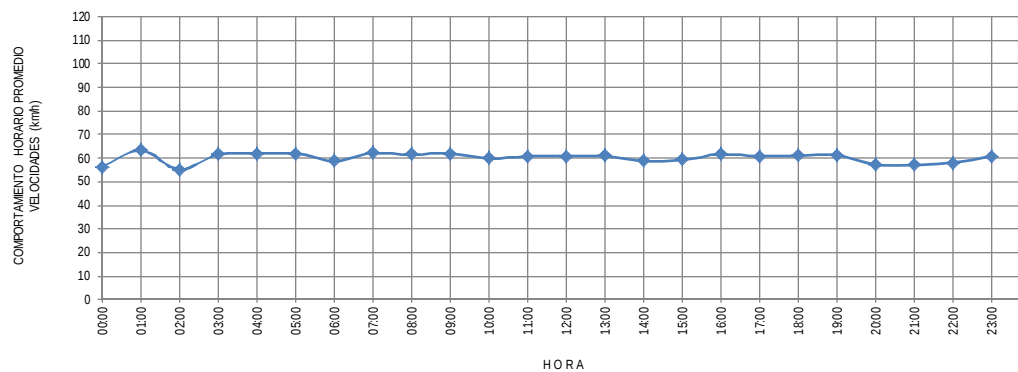
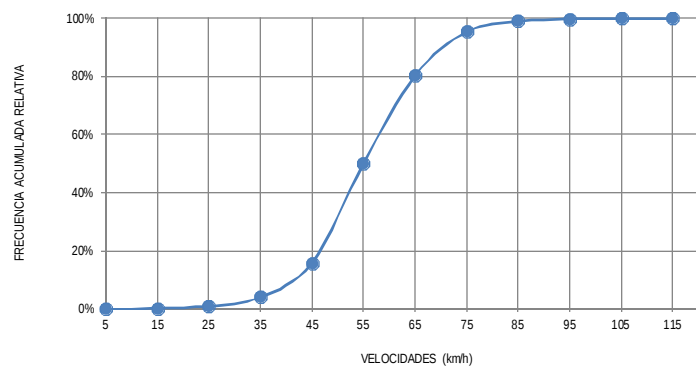
CLAVE: 15039

ruta: MEX-EM

KM: 0.000

TE: 3

SC: 0



101 Carr: Toluca - Axixintlá

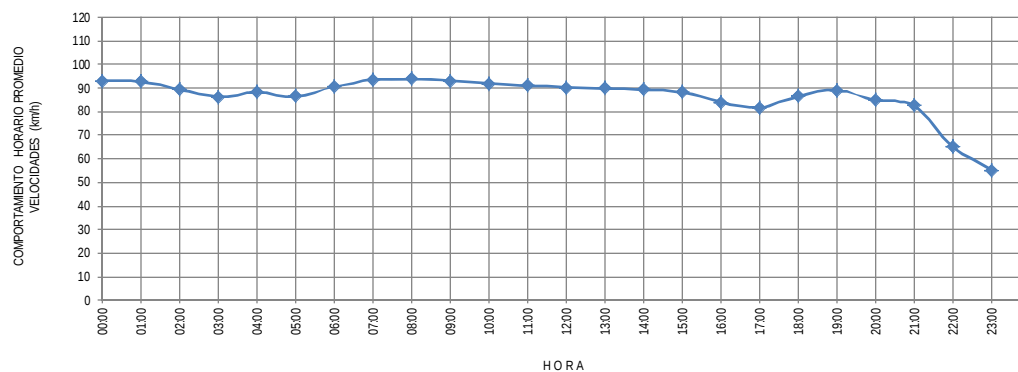
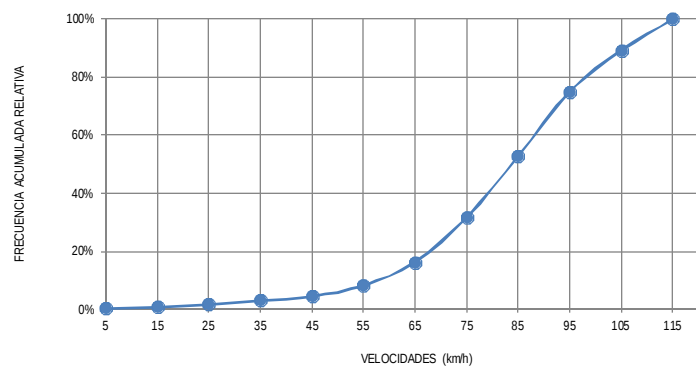
CLAVE: 00122

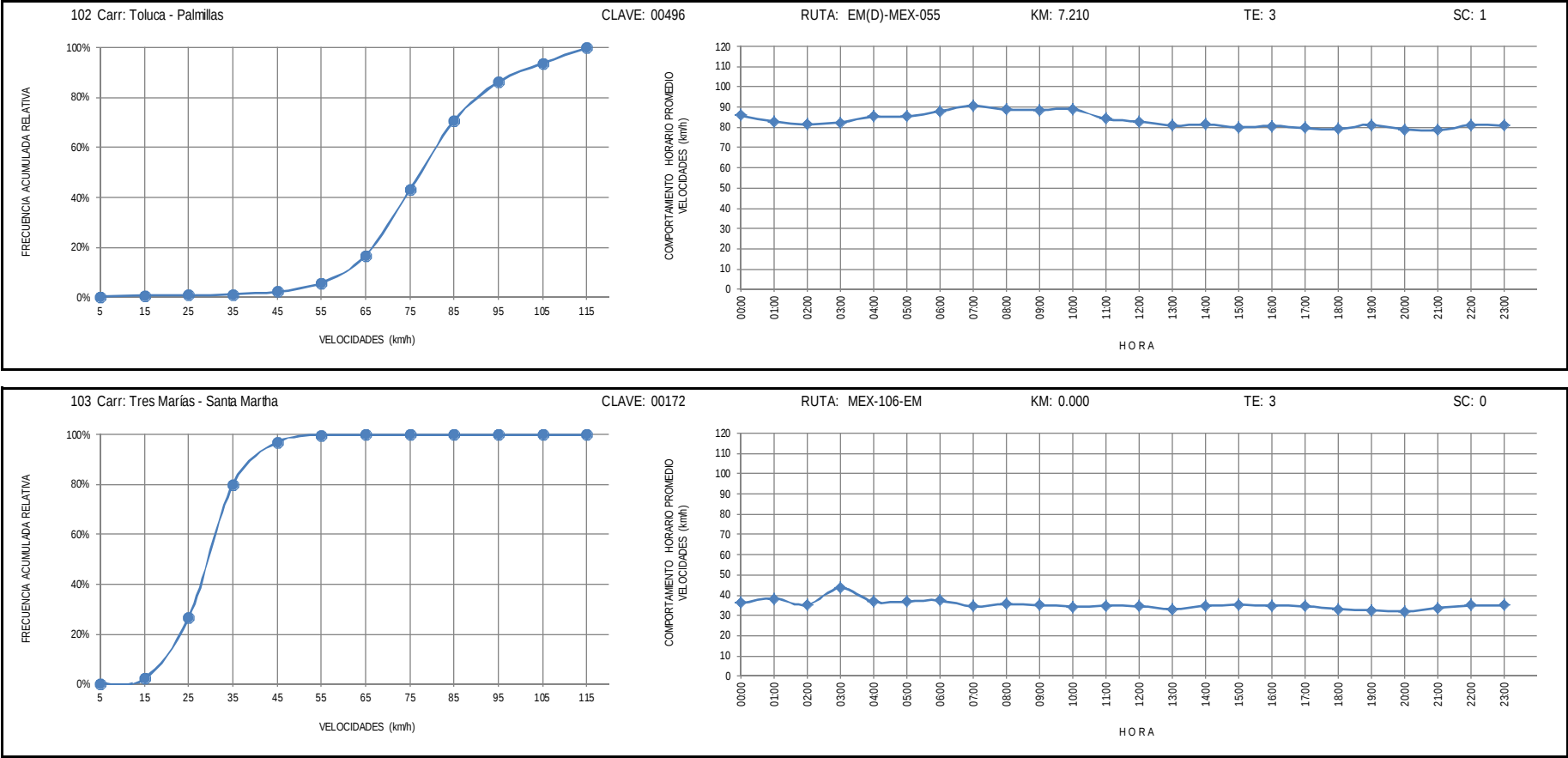
ruta: EM-MEX-055

KM: 4.740

TE: 1

SC: 1





103 Carr: Tres Marías - Santa Martha

CLAVE: 00172

VELOCIDADES (km/h)	FRECUENCIA ACUMULADA RELATIVA (%)
5	0
15	2
25	25
35	80
45	95
55	100
65	100
75	100
85	100
95	100
105	100
115	100

RUTA: MEX-106-EM

KM: 0.000

TE: 3

SC: 0

HORA	COMPORTAMIENTO HORARIO PROMEDIO VELOCIDADES (km/h)
00:00	35
01:00	38
02:00	34
03:00	43
04:00	36
05:00	36
06:00	37
07:00	34
08:00	35
09:00	34
10:00	33
11:00	34
12:00	34
13:00	32
14:00	34
15:00	35
16:00	34
17:00	34
18:00	32
19:00	32
20:00	32
21:00	33
22:00	35
23:00	35