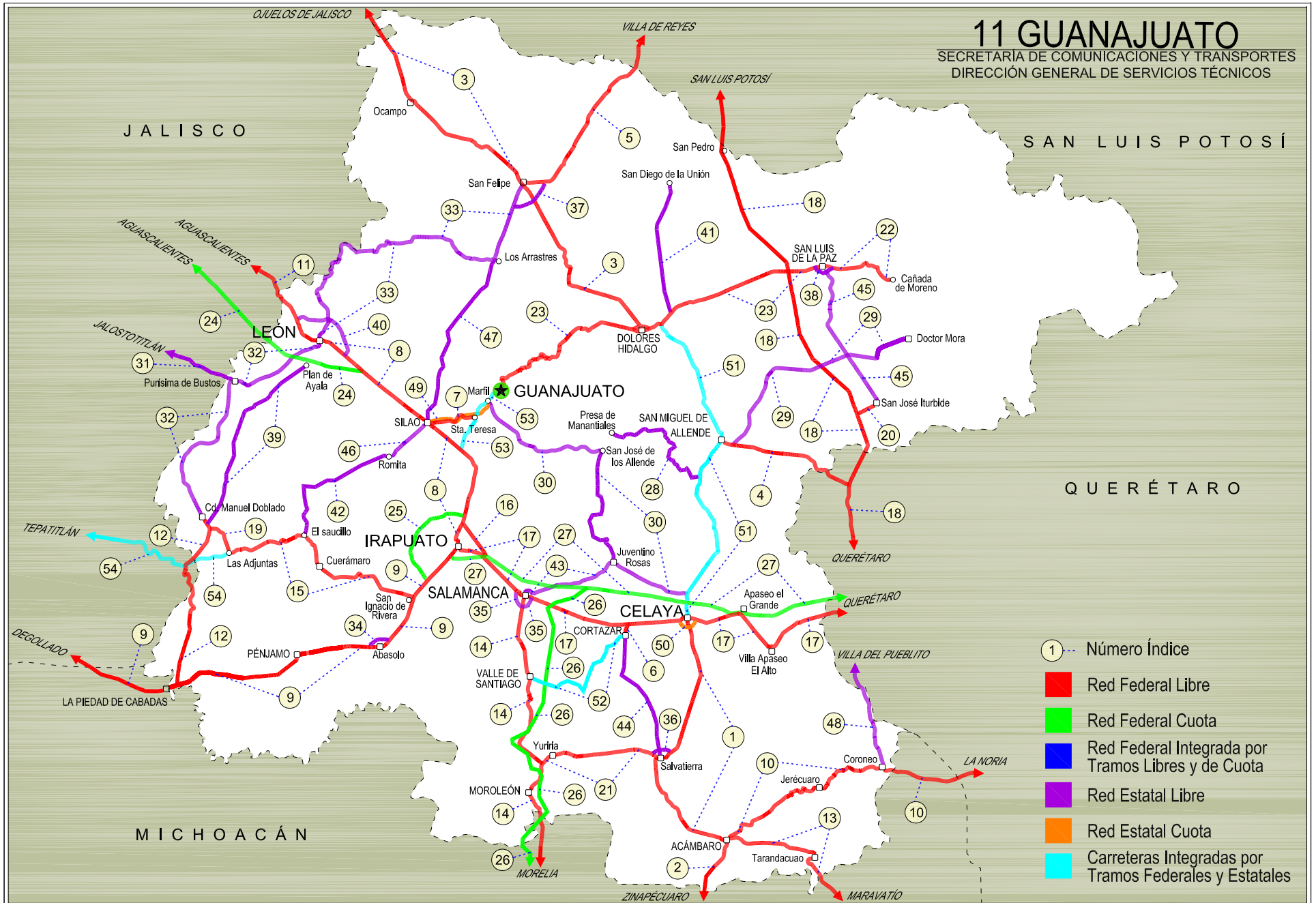


GUANAJUATO

NO. INDICE	CARRETERA	ruta
---RED FEDERAL LIBRE---		
1	Acámbaro - Celaya	MEX-051
2	Acámbaro - Zinapécuaro	MEX-120
3	Dolores Hidalgo - Ojuelos de Jalisco	MEX-051
4	Ent. Buenavista - San Miguel de Allende	MEX-057
5	Ent. de Zaragoza - San Felipe	MEX-037
6	Ent. La Fortaleza - Cortázar	MEX-045
7	Ent. Santa Teresa - Silao	MEX-110
8	Irapuato - León	MEX-045
9	Irapuato - Zapotlanejo	MEX-090
10	La Noria - Acámbaro	MEX-120
11	León - Aguascalientes	MEX-045
12	Manuel Doblado - La Piedad	MEX-084
13	Maravatío - Acámbaro	MEX-061
14	Morelia - Salamanca	MEX-043
15	Munguía - Las Adjuntas	MEX-084
16	Nuevo Libramiento de Irapuato	MEX-045
17	Querétaro - Irapuato (Libre)	MEX-045
18	Querétaro - San Luis Potosí	MEX-057
19	Ramal a Las Adjuntas	MEX-084
20	Ramal a San José Iturbide	MEX-057
21	Salvatierra - Ent. Yuriria	MEX-043
22	San Luis de La Paz - Cañada de Moreno	MEX-110
23	San Luis de La Paz - Guanajuato	MEX-110
---RED FEDERAL DE CUOTA---		
24	León - Aguascalientes (Cuota)	MEX-045D
25	Libramiento de Irapuato (Cuota)	MEX-020D
26	Morelia - Salamanca (Cuota)	MEX-090D
27	Querétaro - Irapuato (Cuota)	MEX-045D
---RED ESTATAL LIBRE---		
28	Ent. Begoña - Ent. Presa de Manantiales	GTO
29	Ent. San Miguel de Allende - Dr. Mora	GTO-001
30	Guanajuato - Santa Rita	GTO
31	Jalostotitlán - Purísima de Bustos	JAL-GTO
32	León - Manuel Doblado	GTO-037
33	León - San Felipe Torres Mochas	GTO
34	Libramiento de Abasolo	GTO
35	Libramiento de Salamanca	GTO
36	Libramiento de Salvatierra	GTO
37	Libramiento de San Felipe Torres Mochas	GTO
38	Libramiento de San Luis de La Paz	GTO
39	Manuel Doblado - Plan de Ayala	GTO
40	Nuevo Libramiento de León	GTO
41	Ramal a San Diego de La Unión	GTO
42	Romita - El Saucillo	GTO
43	Salamanca - Juventino Rosas	GTO
44	Salvatierra - Cortázar	GTO
45	San Luis de La Paz - San José Iturbide	GTO
46	Silao - La Romita	GTO
47	Silao - Los Arrastres	GTO
48	T. C. (Villa del Pueblito - Huimilpan) - Coroneo	QRO-GTO
---RED ESTATAL DE CUOTA---		
49	Guanajuato - Silao (Cuota)	GTO-110D
50	Libramiento de Celaya (Cuota)	GTO-D
---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---		
51	Celaya - Dolores Hidalgo	MEX-051-GTO
52	Cortázar - Valle de Santiago	MEX-GTO-017
53	Guanajuato - Los Infantes	MEX-110-GTO
54	Tepatitlán - Las Adjuntas	JAL/MEX-084

11 GUANAJUATO

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



GUANAJUATO

1 C A R R : Acámbaro - Celaya

CLAVE: 11066

RUTA: MEX-051

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
Acámbaro	0.00	3	1	2769	54.8	60.3	67.7	6.6	51.9	52.8	54.7	4.3	46.1	51.3	56.8	7.0	20.045452	-100.767820
Acámbaro	0.00	3	2	2812	70.3	80.4	94.0	11.6	58.8	61.4	72.8	5.3	61.6	71.1	82.7	11.2	20.045448	-100.767822
T. Izq. Inchamáuvaro	13.50	1	0	6011	67.9	79.3	100.4	12.5	59.4	64.7	81.1	7.7	60.1	69.7	84.4	11.0	20.075925	-100.827065
Salvatierra	33.00	3	1	6516	100.1	110.9	128.1	12.4	84.7	99.3	111.0	16.8	80.7	98.2	119.5	18.9	20.226129	-100.853357
Salvatierra	33.00	3	2	6315	81.2	90.8	105.0	11.7	68.0	75.0	83.9	9.7	70.3	77.8	86.9	9.6	20.226129	-100.853357
T. Der. Rincón de Tamayo	59.60	3	1	9136	69.1	81.6	101.2	13.7	70.4	81.9	93.6	12.3	68.8	81.4	101.3	13.6	20.431558	-100.795322
T. Der. Rincón de Tamayo	59.60	3	2	9197	56.7	64.1	81.9	9.5	53.5	59.6	71.2	7.7	53.3	61.3	77.7	9.7	20.431558	-100.795324
X. C. Libramiento de Celaya	69.70	1	1	11537	68.2	80.8	99.8	13.7	70.1	81.4	93.3	12.1	69.6	82.0	102.1	13.5	20.476976	-100.808789
X. C. Libramiento de Celaya	69.70	1	2	11543	56.8	64.1	81.5	9.4	53.5	59.5	71.3	7.6	53.0	60.9	76.4	9.6	20.476975	-100.808793
Celaya	71.50																	

2 C A R R : Acámbaro - Zinapécuaro

CLAVE: 00417

RUTA: MEX-120

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
Acámbaro	0.00	3	0	5254	65.6	75.3	91.7	11.4	60.9	66.8	80.3	7.6	62.1	72.7	87.8	12.2	19.999800	-100.730355
Lim. Edos. Term. Gto. Ppia. Mich.	12.80																	
Zinapécuaro	25.00	1	0	4589	57.7	65.5	80.5	10.1	55.2	58.0	65.0	4.5	53.4	62.8	79.9	11.3	19.875343	-100.816755

3 C A R R : Dolores Hidalgo - Ojuelos de Jalisco

CLAVE: 00107

RUTA: MEX-051

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
Dolores Hidalgo	0.00	3	0	4670	80.7	94.4	116.7	15.5	74.8	88.4	100.7	13.9	74.4	88.0	103.5	14.4	21.180796	-100.949876
X. C. León - San Felipe	51.38	1	0	3298	78.7	90.2	106.3	12.5	71.2	81.8	94.6	11.8	71.1	83.3	100.8	13.9	21.454106	-101.200020
X. C. León - San Felipe	51.38	3	0	4321	58.3	69.8	89.8	12.4	58.1	69.0	83.4	11.4	58.5	71.9	92.6	14.3	21.492708	-101.230654
T. Izq. Ocampo	87.47	3	0	2522	60.4	71.7	88.5	12.3	56.2	63.1	74.9	7.8	55.6	68.7	84.7	13.2	21.653956	-101.476454
Lim. Edos. Term. Gto. Ppia. Jal.	104.10																	
T. C. San Luis Potosí - Lagos de Moreno	113.49	1	0	2034	46.7	52.3	74.5	9.1	43.6	50.5	54.4	8.2	44.7	51.9	57.0	9.5	21.854397	-101.591821

4 C A R R : Ent. Buenavista - San Miguel de Allende

CLAVE: 00111

RUTA: MEX-057

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. Querétaro - San Luis Potosí	0.00	3	0	9893	86.8	98.5	119.7	12.7	80.6	90.8	103.6	11.9	78.4	89.9	110.4	13.0	20.823968	-100.461399

GUANAJUATO

8 C A R R : Irapuato - León

CLAVE: 11123

ruta: MEX-045

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. Libramiento Norponiente de Irapuato (Cuota)	7.88	3	1	25348	106.4	119.0	134.9	13.1	91.9	101.0	122.0	11.3	91.5	102.6	123.4	12.5	20.758423	-101.337046
T. C. Libramiento Norponiente de Irapuato (Cuota)	7.88	3	2	26442	128.9	142.1	144.6	18.0	137.7	143.0	144.7	10.8	131.6	142.5	144.7	17.0	20.758429	-101.337041
T. Der. Nuevo Libramiento	8.80	3	1	26740	89.2	97.3	118.0	11.3	85.6	93.0	104.9	9.2	73.5	88.6	103.9	15.9	20.737345	-101.341762
T. Der. Nuevo Libramiento	8.80	3	2	28481	89.3	97.3	117.5	11.2	85.9	93.2	106.7	9.4	73.7	88.8	104.3	16.1	20.737347	-101.341756
T. C. Guanajuato - Los Infantes	26.44	3	1	21938	120.6	135.2	143.7	13.6	120.6	137.6	144.0	15.8	120.2	138.2	144.1	17.2	20.893050	-101.359025
T. C. Guanajuato - Los Infantes	26.44	3	2	21852	122.3	136.9	143.9	14.0	121.8	139.2	144.2	16.9	121.9	139.7	144.3	17.8	20.893989	-101.360172
X. C. Santa Teresa - Silao	36.85	1	1	22935	79.9	117.7	139.0	30.4	82.1	121.4	140.9	32.2	77.1	114.4	137.6	28.7	20.935015	-101.411503
X. C. Santa Teresa - Silao	36.85	1	2	23189	73.0	95.3	114.4	20.6	73.9	97.0	120.4	21.2	74.0	95.0	114.1	20.3	20.935026	-101.411506
X. C. Santa Teresa - Silao	36.85	3	1	30221	96.0	104.7	120.6	11.7	89.2	94.8	114.3	11.2	82.9	94.6	111.3	16.3	20.950209	-101.414053
X. C. Santa Teresa - Silao	36.85	3	2	30493	86.9	101.9	123.0	16.4	86.7	98.6	114.4	13.4	81.9	95.9	114.2	15.9	20.950213	-101.414056
T. Der. Aeropuerto	57.77	3	1	30603	100.1	112.4	127.9	14.0	93.9	106.9	123.9	13.9	89.7	103.3	121.7	15.1	20.982791	-101.482024
T. Der. Aeropuerto	57.77	3	2	31921	91.9	104.2	123.2	14.4	83.8	95.7	111.4	14.1	73.6	92.5	104.4	18.8	20.982792	-101.482024
León	68.99	1	1	32813	87.3	104.6	120.6	20.5	85.1	99.8	114.1	17.7	77.9	99.0	113.8	21.6	21.056325	-101.578304
León	68.99	1	2	33865	65.7	93.2	123.3	24.3	65.6	88.1	117.7	18.8	62.4	84.3	117.0	18.1	21.057393	-101.579662

9 C A R R : Irapuato - Zapotlanejo

CLAVE: 00114

ruta: MEX-090

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
Irapuato	0.00																	
T. Izq. Querétaro - Irapuato (Cuota)	2.78	1	1	22878	45.2	50.7	60.5	6.7	40.8	47.1	54.3	8.3	39.1	45.7	56.8	9.3	20.653296	-101.370645
T. Izq. Querétaro - Irapuato (Cuota)	2.78	1	2	22120	40.9	44.5	54.4	7.4	37.1	42.4	52.7	7.1	35.4	42.2	53.4	8.0	20.653293	-101.370644
T. Izq. Querétaro - Irapuato (Cuota)	2.78	3	1	13517	74.9	84.8	98.4	12.0	68.7	80.4	97.2	13.4	62.7	74.5	92.2	13.1	20.645881	-101.377007
T. Izq. Querétaro - Irapuato (Cuota)	2.78	3	2	14120	87.0	98.7	113.3	12.7	78.0	89.4	104.5	12.2	73.7	84.4	102.7	12.0	20.645884	-101.377009
T. C. Libramiento Norponiente de Irapuato (Cuota)	11.00	3	1	12770	108.9	132.9	143.4	21.2	104.8	127.3	142.8	19.1	102.9	123.9	142.3	18.7	20.590116	-101.426191
T. C. Libramiento Norponiente de Irapuato (Cuota)	11.00	3	2	12870	106.2	121.1	139.1	14.7	95.2	107.3	130.6	13.2	93.5	106.5	130.2	14.0	20.590116	-101.426189
T. Der. Cuerámaro	15.00	3	1	14703	116.9	131.2	142.9	14.4	109.7	123.6	141.1	14.6	107.5	121.5	140.1	14.7	20.558235	-101.450114
T. Der. Cuerámaro	15.00	3	2	14792	72.8	81.2	91.8	10.3	66.9	72.5	79.9	8.5	69.1	73.8	82.9	8.7	20.558235	-101.450114
Abasolo	30.00	1	1	11516	98.9	123.2	141.6	23.2	91.3	107.4	135.3	17.5	89.0	103.3	131.2	16.3	20.471508	-101.503633
Abasolo	30.00	1	2	11425	85.9	101.3	123.8	14.6	77.2	92.1	112.9	14.1	75.8	88.6	108.8	12.5	20.471509	-101.503632
Abasolo	30.00	3	1	9515	92.8	111.0	126.5	18.4	84.4	97.2	113.9	15.0	83.6	94.7	112.4	13.7	20.450987	-101.555599
Abasolo	30.00	3	2	9355	86.3	96.2	110.8	11.2	74.1	81.1	90.1	8.4	76.0	82.0	92.2	7.9	20.450987	-101.555601
Pénjamo	50.65	1	1	11111	87.3	104.6	124.3	17.8	79.8	92.5	114.8	15.1	77.0	88.8	104.9	13.6	20.436637	-101.694250
Pénjamo	50.65	1	2	10368	114.7	137.7	144.0	20.1	118.2	139.0	144.2	18.3	107.2	136.3	143.8	25.6	20.436636	-101.694248
Pénjamo	50.65	3	1	10448	69.4	79.6	91.7	11.2	62.7	70.5	78.5	9.7	65.5	72.4	82.3	8.7	20.416430	-101.728517

GUANAJUATO

9 C A R R : Irapuato - Zapotlanejo

CLAVE: 00114

RUTA: MEX-090

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
Pénjamo	50.65	3	2	10352	85.9	103.8	127.8	17.4	81.1	94.6	112.3	14.5	77.5	91.9	113.8	15.2	20.416432	-101.728517
T. Der. Manuel Doblado	83.87	1	0	20006	50.6	63.4	87.5	13.8	46.7	57.4	76.3	12.4	47.4	58.8	75.9	11.9	20.360772	-101.997416
Lim. Edos. Term. Gto. Ppia. Mich.	85.01																	
La Piedad	87.00	3	1	12440	69.3	78.9	96.4	11.3	65.7	76.3	93.7	11.9	60.0	72.1	90.8	13.1	20.353675	-102.050884
La Piedad	87.00	3	2	12746	58.5	64.6	77.6	9.1	52.1	59.1	70.5	8.8	53.6	60.5	71.9	8.4	20.353675	-102.050884
T. Izq. Yurécuaro	100.00	3	0	8545	62.2	73.9	94.1	12.5	59.6	67.8	91.4	10.5	56.6	66.8	88.9	11.6	20.376427	-102.115156
Lim. Edos. Term. Mich. Ppia. Jal.	102.10																	
Degollado	105.40	1	0	6205	47.5	53.0	94.7	10.2	43.7	51.3	59.4	9.1	47.5	52.8	57.1	9.4	20.432075	-102.129037
Ayotlán	134.00	1	0	7222	47.7	53.2	94.8	10.3	43.4	51.2	59.7	9.2	46.8	52.6	56.7	9.5	20.518903	-102.326327
Atotonilco El Alto	157.00	1	0	5351	47.6	53.1	94.7	10.2	43.8	51.4	59.3	9.1	46.6	52.5	56.4	9.5	20.565569	-102.453114
Atotonilco El Alto	157.00	3	1	5777	35.2	42.7	54.8	9.1	38.6	47.6	54.0	9.4	36.0	43.9	53.8	9.0	20.542724	-102.528417
Atotonilco El Alto	157.00	3	2	5614	35.3	42.8	54.9	9.2	38.1	46.6	53.9	9.1	36.0	44.0	53.9	9.1	20.542725	-102.528415
X. C. San Miguel El Alto - La Barca	158.60	3	0	11635	35.2	42.7	54.8	9.1	37.2	45.5	53.7	9.1	35.5	43.7	53.8	9.1	20.540752	-102.531963
T. Izq. Ocotlán	188.00	1	0	9061	47.6	53.0	97.4	10.2	43.2	51.0	57.9	9.2	48.1	52.8	54.9	9.0	20.547451	-102.779249
T. Der. Libramiento Zapotlanejo	215.80	1	0	10938	35.2	42.7	54.8	9.1	35.5	43.5	53.4	8.9	36.3	44.8	53.8	9.3	20.622079	-103.048082
T. Der. Libramiento Zapotlanejo	215.80	3	1	6257	92.7	109.2	129.6	17.6	90.5	101.2	113.6	13.1	90.3	102.2	121.8	13.8	20.622477	-103.058890
T. Der. Libramiento Zapotlanejo	215.80	3	2	6013	88.4	105.0	124.7	18.0	87.2	96.4	107.5	11.9	86.4	97.0	116.7	12.5	20.622476	-103.058889
Zapotlanejo	217.60																	

10 C A R R : La Noria - Acámbaro

CLAVE: 00131

RUTA: MEX-120

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
La Noria	0.00	3	0	5550	56.7	64.0	80.0	9.4	51.1	58.4	74.5	9.8	51.6	54.6	72.0	8.3	20.439602	-100.073442
Amealco	34.66	1	0	4004	68.4	80.1	102.6	12.7	62.8	70.6	91.5	9.6	63.0	75.2	103.4	13.6	20.199193	-100.150012
Amealco	34.66	3	0	4275	65.3	81.2	96.6	13.9	56.1	56.5	83.0	5.1	66.9	92.1	127.3	19.2	20.187048	-100.155114
Lim. Edos. Term. Qro. Ppia. Mich.	39.15																	
Lim. Edos. Term. Mich. Ppia. Gto.	55.90																	
Coroneo	59.35	3	0	1775	74.0	87.4	108.5	13.7	66.3	74.4	88.8	11.2	67.6	81.5	104.4	14.2	20.194999	-100.376201
Jerécuaro	79.70	3	0	4494	78.4	92.3	111.1	14.8	73.8	86.6	101.6	14.1	74.1	87.6	104.7	14.1	20.143639	-100.536587
Acámbaro	111.12	1	0	7041	55.4	63.2	79.7	9.1	53.0	53.9	64.1	4.8	52.4	61.4	80.3	10.8	20.046352	-100.707055

GUANAJUATO

11 C A R R : León - Aguascalientes

CLAVE: 00167

RUTA: MEX-045

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
León	0.00																	
T. Der. Libramiento de León	11.00	1	1	6238	66.6	73.6	96.7	10.6	57.7	63.2	73.2	7.1	59.2	67.4	80.9	9.4	21.170561	-101.733027
T. Der. Libramiento de León	11.00	1	2	6406	64.1	71.1	94.4	9.8	56.9	62.1	72.4	7.2	56.0	62.0	73.7	7.8	21.170561	-101.733027
T. Der. Libramiento de León	11.00	3	1	6878	65.9	71.7	94.7	8.9	59.5	66.5	75.9	9.1	57.9	65.5	80.9	10.0	21.174196	-101.736823
T. Der. Libramiento de León	11.00	3	2	6785	77.6	89.4	113.8	13.4	69.5	81.2	94.2	12.3	67.0	80.2	102.2	13.7	21.174196	-101.736823
T. Izq. Centro de León	12.00	3	0	12975	85.0	96.8	122.0	13.3	77.8	89.5	105.6	13.0	76.3	87.9	106.1	13.0	21.192640	-101.748486
Lim. Edos. Term. Gto. Ppia. Jal.	17.88																	
X. C. San Luis Potosí - Lagos de Moreno	44.18	1	0	12080	47.4	52.9	95.3	10.1	43.1	51.1	60.0	9.2	46.6	52.5	56.5	9.6	21.367680	-101.900732
Encarnación de Díaz	88.20	1	0	6398	53.6	59.8	80.1	9.1	51.5	53.7	63.4	6.2	51.9	54.9	72.1	8.2	21.502260	-102.212203
T. Izq. Libramiento de Encarnación de Díaz	89.18	3	0	9564	53.4	59.5	80.9	9.3	50.3	54.1	64.8	7.8	52.2	55.1	72.4	8.1	21.551171	-102.244172
Lim. Edos. Term. Jal. Ppia. Ags.	103.30																	
T. Izq. Aeropuerto de Aguascalientes	110.15	1	1	8760	59.1	63.9	83.4	9.3	52.7	54.5	70.1	6.3	51.9	53.6	66.0	6.1	21.712422	-102.278504
T. Izq. Aeropuerto de Aguascalientes	110.15	1	2	9081	67.9	72.4	85.6	8.2	61.8	67.4	80.2	7.9	57.1	59.9	74.8	5.4	21.712545	-102.278588
T. Izq. Aeropuerto de Aguascalientes	111.00	3	1	14181	59.0	63.8	82.1	9.2	52.5	54.3	68.9	6.2	51.8	53.5	65.1	6.1	21.728339	-102.276655
T. Izq. Aeropuerto de Aguascalientes	111.00	3	2	14048	67.8	72.3	85.0	8.2	61.9	67.4	80.2	7.9	57.3	60.6	75.3	5.7	21.728295	-102.276890
Libramiento Poniente de Aguascalientes	116.50	1	1	12754	59.0	63.8	82.1	9.1	52.5	54.3	69.0	6.2	51.8	53.6	65.4	6.1	21.765517	-102.277517
Libramiento Poniente de Aguascalientes	116.50	1	2	13038	67.8	72.3	85.1	8.2	61.9	67.4	80.3	7.9	57.1	60.1	74.6	5.5	21.767111	-102.277883
Libramiento Poniente de Aguascalientes	116.50	3	1	12330	61.4	67.6	83.0	9.5	56.0	62.1	74.2	7.1	53.7	55.4	72.4	6.2	21.774468	-102.278962
Libramiento Poniente de Aguascalientes	116.50	3	2	12107	65.6	71.2	83.8	7.9	58.8	64.3	77.5	8.2	55.6	59.6	74.1	5.8	21.775112	-102.279114
T. Der. Estación Arellano	118.40	3	1	14034	59.4	64.2	81.4	9.2	52.9	54.7	71.0	6.3	51.7	53.6	66.0	6.2	21.803043	-102.283591
T. Der. Estación Arellano	118.40	3	2	14249	68.0	72.4	86.4	8.2	62.0	67.7	80.3	8.0	57.9	62.2	76.4	6.4	21.803064	-102.283879
Aguascalientes	129.38	1	1	20184	41.2	52.8	69.2	12.9	41.1	52.6	68.1	12.8	40.9	52.4	66.3	12.6	21.824829	-102.287520
Aguascalientes	129.38	1	2	19303	41.3	52.9	69.2	12.9	41.1	52.5	66.8	12.7	41.1	52.5	67.3	12.7	21.824878	-102.287300

12 C A R R : Manuel Doblado - La Piedad

CLAVE: 11028

RUTA: MEX-084

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
Manuel Doblado	0.00	3	0	4690	63.0	71.9	85.9	10.3	59.5	66.8	80.8	9.6	58.6	67.6	84.1	11.1	20.720067	-101.942795
Lim. Edos. Term. Gto. Ppia. Jal.	11.00																	
Lim. Edos. Term. Jal. Ppia. Gto.	23.00																	
T. Der. San José de La Paz	29.00	1	0	2381	81.5	98.5	116.1	17.4	76.0	91.6	106.6	16.5	79.8	93.1	111.4	14.7	20.583955	-101.980024
T. Der. San José de La Paz	29.00	3	0	2249	93.4	108.5	130.2	15.2	80.8	96.6	121.0	17.4	87.3	101.8	130.0	15.4	20.582237	-101.978103
T. C. Irapuato - Guadalajara	45.00	1	0	5974	48.8	54.8	110.8	14.7	49.9	53.5	71.5	10.3	49.1	53.3	67.9	10.1	20.361442	-102.003006

GUANAJUATO

13 C A R R : Maravatío - Acámbaro

CLAVE: 00418

RUTA: MEX-061

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
Maravatío	0.00	3	0	8154	57.1	66.9	84.3	11.3	54.2	59.4	72.2	6.9	52.2	63.1	82.4	12.5	19.911396	-100.460649
Lim. Edos. Term. Mich. Ppia. Gto.	9.00																	
Tarandacuao	13.00	3	0	4645	78.5	89.2	104.2	11.9	63.7	73.8	85.6	10.2	72.3	83.0	100.4	12.2	20.015279	-100.541780
Acámbaro	39.00	1	0	6778	66.1	74.7	93.1	10.5	59.6	64.8	74.1	7.4	59.9	70.3	92.0	12.6	20.035470	-100.694908

14 C A R R : Morelia - Salamanca

CLAVE: 00124

RUTA: MEX-043

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	0.00																	
X. Periférico de Morelia	2.70	3	1	31839	66.9	70.8	75.4	5.7	64.5	67.3	74.0	4.8	62.9	66.1	74.0	6.5	19.742963	-101.175962
X. Periférico de Morelia	2.70	3	2	32228	69.8	77.5	92.2	10.1	68.9	74.9	86.2	9.4	65.4	73.2	84.5	9.7	19.742963	-101.175962
T. Der. Zinapécuaro	8.85	1	1	25223	94.0	103.7	120.3	11.5	91.3	96.5	109.8	8.8	84.4	94.7	111.4	12.7	19.765486	-101.161569
T. Der. Zinapécuaro	8.85	1	2	24202	87.9	101.4	126.6	14.5	92.2	111.4	140.2	18.0	87.5	107.7	139.0	19.1	19.765486	-101.161570
T. Der. Zinapécuaro	8.85	3	1	14709	95.8	103.3	115.0	9.4	89.4	92.8	101.9	7.0	84.2	92.1	104.1	9.5	19.772421	-101.157250
T. Der. Zinapécuaro	8.85	3	2	15697	92.1	108.5	131.2	16.5	89.9	104.5	123.9	16.2	84.7	101.5	124.2	16.4	19.772421	-101.157254
Cuitzeo	33.64	1	0	8764	62.9	69.7	83.7	8.6	59.9	65.3	79.5	8.7	57.9	64.6	80.0	9.6	19.958039	-101.135646
Cuitzeo	33.64	3	0	8096	67.7	74.9	90.8	10.0	63.4	70.4	82.9	8.6	61.0	69.1	83.4	10.1	19.974944	-101.140500
Lim. Edos. Term. Mich. Ppia. Gto.	46.10																	
T. Izq. Moroleón	52.36	1	1	8003	70.3	82.8	107.6	14.8	69.0	78.8	126.5	13.3	63.4	75.6	94.8	13.4	20.103222	-101.164589
T. Izq. Moroleón	52.36	1	2	8498	76.8	87.4	104.4	12.1	74.9	83.6	98.2	10.0	69.9	84.2	102.7	15.6	20.103230	-101.164586
Uriangato	54.22	3	1	4386	54.5	62.5	75.2	9.3	51.6	58.0	65.0	8.6	50.3	58.8	69.8	10.4	20.159333	-101.161528
Uriangato	54.22	3	2	4399	66.0	76.9	94.2	12.3	68.2	77.3	90.7	11.0	65.7	79.6	99.3	14.8	20.159306	-101.161528
T. Der. Yuriria	61.36	3	0	8330	64.0	74.0	92.9	11.6	57.3	64.6	78.6	8.1	54.8	67.2	84.2	12.5	20.199864	-101.156355
Magdalena de Araceo	77.10	1	0	5049	65.7	76.1	93.8	11.5	59.9	70.6	84.4	11.5	55.3	68.3	84.9	12.8	20.299226	-101.181791
Magdalena de Araceo	77.10	3	0	5985	66.8	76.8	93.1	11.2	60.9	72.3	87.6	12.2	55.5	69.0	86.8	13.4	20.314192	-101.183007
T. Der. Jaral del Progreso	87.00	1	0	8153	70.1	80.5	98.6	11.7	71.8	85.1	110.3	14.5	63.2	80.0	107.1	15.8	20.382566	-101.184912
T. Der. Jaral del Progreso	87.00	3	0	7089	69.4	80.0	98.0	11.9	71.6	84.9	110.1	14.5	66.2	83.9	110.8	17.5	20.384889	-101.184087
X. C. Libramiento de Salamanca	105.10	1	0	25143	91.5	110.8	128.8	17.9	83.8	98.2	119.4	15.3	82.3	97.2	114.5	14.6	20.539523	-101.205193
Salamanca	107.95	1	1	12889	69.3	79.8	98.4	11.9	68.8	82.9	103.7	14.9	68.1	85.0	110.4	17.9	20.544872	-101.204353
Salamanca	107.95	1	2	13467	70.2	80.9	99.1	11.9	76.1	91.4	119.8	14.9	73.5	91.5	121.5	17.2	20.544871	-101.204353

GUANAJUATO

15 C A R R : Munguía - Las Adjuntas

CLAVE: 11815

ruta: MEX-084

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. Irapuato - Guadalajara	0.00	3	0	5538	64.4	81.6	104.7	16.7	54.3	67.4	87.6	13.2	50.5	69.6	101.8	18.8	20.564411	-101.453708
T. Der. La Joya de Calvillo	15.00	1	0	5146	68.4	88.8	121.9	18.5	70.3	95.7	132.3	22.1	71.7	100.6	137.1	24.4	20.602107	-101.542228
Cuerámara	27.00	3	0	4191	73.0	84.5	104.3	13.0	69.1	80.4	94.5	12.2	68.8	81.4	102.7	13.7	20.638237	-101.680446
Saucillo	38.00	1	0	2840	71.0	85.8	110.4	15.0	65.4	81.7	100.7	15.5	66.5	83.8	104.0	17.3	20.689368	-101.706184
Saucillo	38.00	3	0	1386	71.9	87.1	111.3	15.2	62.2	74.8	93.4	12.7	66.5	83.3	102.0	16.1	20.694023	-101.711828
Las Adjuntas	57.00	1	0	1865	81.5	98.7	123.5	16.0	72.3	86.7	112.3	14.8	76.3	93.7	122.8	16.4	20.652492	-101.878695

16 C A R R : Nuevo Libramiento de Irapuato

CLAVE: 11132

ruta: MEX-045

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. Querétaro - Irapuato (Cuota)	0.00	3	1	17486	93.1	111.3	132.1	19.6	94.2	113.4	140.7	18.6	84.8	104.3	137.9	19.8	20.665364	-101.298643
T. C. Querétaro - Irapuato (Cuota)	0.00	3	2	17747	90.4	110.0	130.1	19.7	82.9	101.2	126.3	18.2	75.6	93.1	122.4	15.9	20.665366	-101.298645
T. C. Irapuato - León	11.20	1	1	16030	100.1	124.7	142.9	18.9	118.5	141.4	144.5	26.1	100.5	137.3	144.0	24.2	20.726349	-101.338841
T. C. Irapuato - León	11.20	1	2	16377	96.4	119.1	142.1	19.5	110.0	140.4	144.4	28.5	95.3	133.1	143.6	22.2	20.726350	-101.338842

17 C A R R : Querétaro - Irapuato (Libre)

CLAVE: 00154

ruta: MEX-045

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
Querétaro Poniente	0.00	3	1	48903	80.1	89.7	103.4	11.0	70.4	82.4	93.3	12.2	69.2	80.4	98.2	12.1	20.554136	-100.421264
Querétaro Poniente	0.00	3	2	47050	73.0	82.2	95.3	10.9	65.8	73.7	85.0	9.6	63.7	74.7	92.4	13.0	20.553544	-100.421401
T. Der. Villa del Pueblito	6.67	3	1	12878	82.5	94.8	142.3	18.1	124.2	142.1	144.6	24.2	127.4	142.0	144.6	19.7	20.534852	-100.453503
T. Der. Villa del Pueblito	6.67	3	2	12723	93.0	104.3	122.3	12.9	87.4	101.1	139.8	15.3	91.0	104.9	138.7	15.7	20.533876	-100.450443
Los Ángeles	12.60	3	1	15074	81.1	87.5	97.1	8.7	71.4	75.3	84.4	7.5	73.6	78.9	87.7	7.0	20.533366	-100.501840
Los Ángeles	12.60	3	2	15150	91.5	101.3	114.3	11.3	79.5	87.7	100.7	10.0	80.3	88.1	100.5	9.8	20.533329	-100.501439
Lim. Edos. Term. Qro. Ppia. Gto.	13.49																	
T. Izq. Apaseo El Alto	28.37	3	1	14408	93.7	104.7	121.5	12.7	81.5	92.5	107.5	12.4	78.2	90.7	106.3	13.8	20.470084	-100.638567
T. Izq. Apaseo El Alto	28.37	3	2	14451	89.1	102.2	118.5	14.3	78.4	90.9	104.8	13.2	75.4	88.9	104.6	14.0	20.470083	-100.638563
T. Der. Apaseo El Grande	40.11	3	1	15166	96.9	109.6	124.2	13.6	86.4	95.7	109.7	11.7	85.1	96.3	113.3	12.7	20.534274	-100.708693
T. Der. Apaseo El Grande	40.11	3	2	15805	95.5	137.0	143.9	33.7	124.3	142.4	144.6	25.5	97.5	139.9	144.3	40.6	20.534292	-100.708665
T. Izq. Libramiento de Celaya Ote.	49.90	1	1	16863	78.6	97.1	132.6	19.9	76.0	92.8	135.8	16.4	79.1	96.0	121.2	16.5	20.518629	-100.757825
T. Izq. Libramiento de Celaya Ote.	49.90	1	2	17079	78.7	94.0	129.6	17.8	75.5	87.8	129.2	14.3	74.5	89.0	114.3	14.2	20.518627	-100.757820
T. Izq. Libramiento de Celaya Pte.	55.61	3	1	22469	85.1	93.8	105.6	10.4	73.9	82.5	92.7	10.4	72.4	81.9	94.5	11.0	20.516514	-100.880152
T. Izq. Libramiento de Celaya Pte.	55.61	3	2	20937	97.2	110.9	128.5	14.6	87.0	100.2	114.2	13.8	81.7	97.0	116.7	15.9	20.516516	-100.880152

GUANAJUATO

17 C A R R : Querétaro - Irapuato (Libre)

CLAVE: 00154

RUTA: MEX-045

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. Cortazar	67.50	3	1	20611	83.5	93.6	107.0	11.9	73.9	82.4	92.6	10.3	72.4	81.7	93.9	10.8	20.510627	-100.962514
T. Izq. Cortazar	67.50	3	2	20226	95.5	110.5	129.2	15.4	87.1	100.1	114.0	13.7	82.2	97.4	116.9	15.6	20.510631	-100.962511
T. Izq. Libramiento de Salamanca	93.80	1	1	18499	90.2	110.5	133.3	20.3	84.6	101.4	125.7	17.8	82.1	98.1	117.5	16.6	20.556665	-101.160162
T. Izq. Libramiento de Salamanca	93.80	1	2	18193	87.9	109.7	132.6	21.2	84.3	101.3	127.0	17.9	80.9	97.5	117.5	16.7	20.556667	-101.160159
Irapuato	113.70	1	1	15157	74.4	83.8	98.0	11.2	71.0	80.3	93.0	10.9	67.4	80.0	95.5	13.6	20.661123	-101.308601
Irapuato	113.70	1	2	16232	70.8	79.0	92.4	10.2	63.3	71.6	82.8	9.7	62.3	72.2	84.9	11.4	20.661122	-101.308604

18 C A R R : Querétaro - San Luis Potosí

CLAVE: 00165

RUTA: MEX-057

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
Querétaro	0.00																	
T. Der. Libramiento de Querétaro	6.28	3	1	38181	88.9	100.2	122.2	12.8	83.5	94.2	140.4	14.6	77.5	91.0	137.6	16.0	20.632705	-100.426815
T. Der. Libramiento de Querétaro	6.28	3	2	38359	76.6	88.2	108.5	12.2	72.8	84.8	102.9	13.0	71.3	82.7	101.0	12.5	20.632731	-100.426821
T. Izq. Juriquilla	15.63	3	1	26199	88.8	100.3	124.7	13.2	82.7	93.5	140.3	14.8	82.8	95.1	141.4	16.9	20.704009	-100.437053
T. Izq. Juriquilla	15.63	3	2	28048	76.6	88.7	108.5	12.4	71.7	83.9	101.7	12.9	74.8	85.0	103.7	11.6	20.703878	-100.437121
T. Izq. San Miguel de Allende	28.53	1	1	21037	86.5	102.7	136.5	16.5	86.3	105.0	141.4	18.7	85.5	102.0	140.9	17.4	20.809464	-100.448739
T. Izq. San Miguel de Allende	28.53	1	2	21369	87.9	100.3	120.0	13.3	79.5	92.1	105.6	13.6	78.5	90.9	111.2	13.7	20.809413	-100.448771
T. Izq. San Miguel de Allende	28.53	3	1	17862	79.7	96.4	132.5	17.9	80.2	97.4	140.8	19.7	76.4	92.0	136.7	17.5	20.827445	-100.444255
T. Izq. San Miguel de Allende	28.53	3	2	17599	89.0	101.4	119.7	13.4	83.3	94.7	110.3	13.6	80.0	92.0	107.6	13.5	20.827444	-100.444249
Lim. Edos. Term. Qro. Ppia. Gto.	36.70																	
X. C. San José Iturbide - El Arenal	46.83	1	1	15128	88.6	100.2	122.7	13.1	84.2	94.7	140.1	14.3	73.6	86.4	104.9	14.4	20.959627	-100.425611
X. C. San José Iturbide - El Arenal	46.83	1	2	14915	76.2	87.2	107.0	11.9	72.4	84.6	102.7	13.1	72.6	82.8	98.4	11.6	20.959626	-100.425616
X. C. Ent. San Miguel de Allende - Dr. Mora	61.93	1	1	13448	104.5	119.5	138.6	15.2	96.4	104.7	124.6	11.1	92.0	101.2	117.1	11.5	21.077059	-100.512405
X. C. Ent. San Miguel de Allende - Dr. Mora	61.93	1	2	13675	81.3	94.0	121.2	14.7	78.3	90.5	103.4	13.8	78.3	89.0	102.0	12.9	21.077261	-100.513132
X. C. San Luis de La Paz - Guanajuato	86.68	1	1	11769	104.0	119.2	138.9	15.5	96.6	104.8	123.9	10.9	91.8	100.9	115.3	11.5	21.282011	-100.591692
X. C. San Luis de La Paz - Guanajuato	86.68	1	2	11357	81.9	94.3	120.8	14.4	79.2	90.8	103.2	13.3	78.6	89.1	102.2	12.8	21.281824	-100.591960
T. Izq. San Diego de La Unión	119.07	3	1	8941	103.8	119.1	138.9	15.8	96.0	104.5	123.5	11.0	91.4	100.6	114.7	11.6	21.541733	-100.747618
T. Izq. San Diego de La Unión	119.07	3	2	9444	81.2	94.0	121.1	14.8	78.7	90.5	102.1	13.3	78.1	88.5	100.1	12.4	21.541755	-100.747950
Lim. Edos. Term. Gto. Ppia. S. L. P.	124.74																	
T. Izq. Santa María del Río	155.88	3	1	10285	114.2	137.1	143.9	19.3	108.5	129.6	143.3	18.0	96.8	115.0	141.0	18.6	21.821680	-100.728011
T. Izq. Santa María del Río	155.88	3	2	10383	102.2	115.6	133.1	14.1	92.9	98.5	112.5	8.0	92.5	100.2	111.4	9.5	21.822193	-100.729430
T. Izq. Villa de Reyes	176.35	1	1	14862	92.9	112.9	134.9	19.4	84.5	101.1	124.4	17.6	80.0	95.8	122.0	18.8	21.966773	-100.814905
T. Izq. Villa de Reyes	176.35	1	2	15863	76.8	93.8	117.1	17.5	77.2	91.1	104.1	14.6	74.5	89.8	103.7	15.9	21.966773	-100.814904
T. Izq. Villa de Reyes	176.35	3	1	15669	110.8	124.9	141.6	14.6	101.4	112.3	136.3	12.6	98.0	106.0	129.2	11.2	21.973969	-100.818828

GUANAJUATO

18 C A R R : Querétaro - San Luis Potosí

CLAVE: 00165

RUTA: MEX-057

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. Villa de Reyes	176.35	3	2	15556	90.5	103.2	123.4	14.0	85.7	96.0	112.2	12.1	84.5	94.1	109.5	11.7	21.973971	-100.818828
X. C. Libramiento de San Luis Potosí	184.80	1	1	17029	120.3	135.4	143.7	13.9	115.6	130.3	143.0	13.3	108.1	119.5	140.7	12.5	22.026378	-100.846955
X. C. Libramiento de San Luis Potosí	184.80	1	2	19103	90.3	101.2	119.4	12.3	85.4	93.6	108.1	10.1	82.7	91.4	104.3	10.4	22.026378	-100.846956
X. Periférico de San Luis Potosí	197.50	1	1	28054	92.7	106.2	125.0	14.1	96.3	114.9	139.2	17.7	91.2	113.7	139.8	19.6	22.122161	-100.913160
X. Periférico de San Luis Potosí	197.50	1	2	28625	92.3	105.0	123.4	13.6	88.8	104.3	122.9	16.0	84.7	99.3	120.0	14.4	22.122162	-100.913161
San Luis Potosí	201.66																	

19 C A R R : Ramal a Las Adjuntas

CLAVE: 11820

RUTA: MEX-084

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. Manuel Doblado - La Piedad	0.00	3	0	2421	76.1	87.6	104.8	12.3	71.2	84.4	102.4	14.6	73.2	87.8	111.2	15.3	20.704683	-101.928427
Ent. Las Adjuntas	10.00	1	0	1689	81.6	93.5	114.6	13.5	73.6	88.6	108.3	15.7	76.4	92.1	115.7	16.5	20.658674	-101.886654

20 C A R R : Ramal a San José Iturbide

CLAVE: 11201

RUTA: MEX-057

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. Querétaro - San Luis Potosí	0.00	3	1	7240	76.1	84.6	101.2	10.7	66.3	75.9	88.3	10.8	65.3	77.6	93.7	12.9	20.975606	-100.427363
T. C. Querétaro - San Luis Potosí	0.00	3	2	7094	76.2	85.4	101.3	11.3	68.8	78.5	90.4	11.0	66.8	79.5	94.5	13.5	20.975588	-100.427364
San José Iturbide	6.00	1	1	9262	67.1	74.3	89.6	10.0	61.3	68.6	80.3	9.2	61.3	69.1	81.7	9.7	20.986921	-100.403842
San José Iturbide	6.00	1	2	9168	79.3	97.9	124.6	17.9	80.0	97.3	114.4	16.6	80.8	100.9	128.6	19.5	20.986927	-100.403876

21 C A R R : Salvatierra - Ent. Yuriria

CLAVE: 11013

RUTA: MEX-043

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. Acámbaro - Celaya	0.00	3	0	12094	67.4	76.1	94.4	11.0	62.5	71.0	84.2	9.6	60.9	71.7	90.9	12.1	20.218486	-100.896767
T. Izq. Santiago Maravatío	8.00	1	0	8578	89.2	101.5	122.5	13.4	83.1	93.3	104.2	12.3	83.5	93.1	112.3	11.8	20.225555	-100.982444
Yuriria	27.00	1	0	7699	72.8	83.3	104.8	12.9	67.8	75.0	85.5	9.9	64.6	73.8	89.1	10.8	20.220872	-101.109537
T. C. Morelia - Salamanca	30.00	1	1	4926	55.9	63.1	75.0	8.9	51.5	55.7	64.1	7.4	50.4	58.7	72.1	10.0	20.199588	-101.150234
T. C. Morelia - Salamanca	30.00	1	2	5107	47.8	52.9	63.9	7.7	46.5	51.3	58.5	6.7	46.0	51.4	60.4	7.0	20.199588	-101.150234

GUANAJUATO

22 C A R R : San Luis de La Paz - Cañada de Moreno

CLAVE: 11134

RUTA: MEX-110

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 Luis de La Paz	0.00	3	0	3506	75.9	102.5	141.9	23.2	99.2	136.1	143.8	26.9	91.1	125.0	142.9	27.1	21.294466	-100.487112
Cañada de Moreno	18.80																	

23 C A R R : San Luis de La Paz - Guanajuato

CLAVE: 11108

RUTA: MEX-110

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 Luis de La Paz	0.00																	
T. Izq. San José Iturbide	1.74	3	1	5465	52.5	61.1	73.3	10.5	50.6	58.9	72.7	10.1	49.4	59.0	73.1	11.2	21.294353	-100.534183
T. Izq. San José Iturbide	1.74	3	2	5321	46.9	52.4	63.4	8.0	43.6	48.0	54.5	6.4	43.1	48.4	54.9	7.4	21.294353	-100.534183
X. C. Querétaro - San Luis Potosí	8.31	3	0	5384	73.2	82.4	97.4	10.8	66.9	75.4	91.0	10.5	65.4	74.1	90.1	10.2	21.287281	-100.598943
T. Der. San Diego de La Unión	39.45	1	0	5902	82.7	93.5	113.6	12.5	78.6	88.8	103.4	11.8	76.8	87.7	105.2	12.5	21.195896	-100.864422
T. Izq. San Miguel de Allende	42.92	1	0	7733	77.8	86.1	103.3	10.8	74.6	83.2	95.0	9.9	73.5	82.9	100.8	11.4	21.176271	-100.883832
T. Der. Libramiento de Dolores Hidalgo (1º Acceso)	47.00	1	0	13401	72.6	82.5	104.3	12.0	68.7	79.3	99.1	11.9	65.4	76.5	97.3	12.2	21.168578	-100.900785
Dolores Hidalgo	48.40	3	0	3302	72.7	89.9	136.4	18.3	73.6	93.2	140.5	19.9	70.3	90.8	138.1	20.5	21.159466	-100.967312
T. Der. Ojo de Agua	61.29	1	0	2571	73.5	91.0	137.5	18.4	74.3	94.4	141.1	20.3	71.0	91.0	138.3	20.1	21.170939	-101.029769
Ojo de Agua de Calvillo	70.80	1	0	1915	64.8	69.9	79.2	6.2	59.4	63.6	74.4	7.5	58.8	63.3	74.6	7.4	21.112058	-101.124012
Santa Rosa	90.40	1	0	1729	59.6	63.5	73.0	7.1	53.9	58.2	69.2	6.3	54.9	59.2	71.3	6.2	21.077269	-101.195241
Guanajuato	103.29	1	0	3090	60.5	65.3	78.6	8.4	54.4	59.2	70.5	6.3	56.1	62.9	79.7	8.7	21.047506	-101.256105

24 C A R R : León - Aguascalientes (Cuota)

CLAVE: 00013

RUTA: MEX-045D

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. Irapuato - León	0.00	3	1	6133	118.8	141.1	144.5	25.7	117.0	141.7	144.6	29.3	112.9	141.1	144.5	30.8	21.052250	-101.582676
T. C. Irapuato - León	0.00	3	2	5989	107.6	126.2	142.5	17.1	93.9	107.5	138.0	14.6	94.9	112.3	139.8	16.2	21.052240	-101.582669
X. C. León - Manuel Doblado	19.00	1	1	4953	112.3	134.0	143.5	19.2	96.7	103.9	131.2	11.4	94.8	104.7	131.8	12.7	21.080841	-101.743032
X. C. León - Manuel Doblado	19.00	1	2	4940	106.2	133.0	143.4	23.4	93.3	101.6	124.6	11.0	94.1	110.2	133.7	16.6	21.080841	-101.743032
X. C. León - Manuel Doblado	19.00	3	1	4371	110.9	136.5	143.9	21.9	94.5	114.1	142.1	18.4	81.9	106.1	140.8	22.5	21.084020	-101.751932
X. C. León - Manuel Doblado	19.00	3	2	4552	119.9	137.9	144.0	17.1	100.7	108.6	135.3	11.7	100.7	116.2	137.3	16.6	21.084019	-101.751931
Caseta de Cobro León	23.50	2	1	4852													21.102765	-101.784575
Caseta de Cobro León	23.50	2	2	4851													21.102765	-101.784575
Lim. Edos. Term. Gto. Ppia. Jal.	28.50																	
X. C. Lagos de Moreno - Guadalajara	59.84	1	1	3553	99.9	112.2	132.5	13.5	94.3	102.9	119.9	10.6	91.6	100.9	119.5	11.4	21.306619	-102.026700
X. C. Lagos de Moreno - Guadalajara	59.84	1	2	3553	95.9	108.8	127.3	13.3	90.4	98.8	115.8	11.0	87.4	94.8	116.1	10.8	21.306618	-102.026697

GUANAJUATO

24 C A R R : León - Aguascalientes (Cuota)

CLAVE: 00013

ruta: MEX-045D

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. Lagos de Moreno - Guadalajara	59.84	3	1	3378	99.8	112.1	132.4	13.5	93.4	102.3	116.3	10.9	90.7	100.0	118.5	11.7	21.318429	-102.054625
X. C. Lagos de Moreno - Guadalajara	59.84	3	2	3482	96.0	108.9	127.5	13.4	89.8	98.3	114.3	11.1	86.5	94.3	115.3	10.9	21.318429	-102.054625
Caseta de Cobro Encarnación	88.84	2	1	3000													21.489695	-102.243245
Caseta de Cobro Encarnación	88.84	2	2	3000													21.489695	-102.243245
T. C. León - Aguascalientes (Libre)	103.70	1	1	4835	48.5	52.6	64.7	8.4	45.5	51.0	56.3	7.0	49.8	53.3	61.2	8.0	21.559901	-102.273764
T. C. León - Aguascalientes (Libre)	103.70	1	2	5082	58.5	64.1	83.6	9.3	54.8	60.6	74.0	7.2	54.8	57.8	74.1	5.6	21.559902	-102.273764

25 C A R R : Libramiento de Irapuato (Cuota)

CLAVE: 11014

ruta: MEX-020D

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. Irapuato - León	0.00	3	0	1318	99.2	116.1	136.0	16.6	72.4	95.5	121.8	19.5	83.4	104.5	131.4	19.8	20.753299	-101.346409
Caseta de Cobro Arandas	5.11	2	0	117													20.737494	-101.380005
Caseta de Cobro Yostiro	27.16	2	0	873													20.601090	-101.438523
T. C. Irapuato - Zapotlanejo	29.00	1	0	815	83.3	104.8	124.2	17.6	59.1	54.7	126.4	8.3	64.9	77.5	131.1	14.4	20.597677	-101.434295

26 C A R R : Morelia - Salamanca (Cuota)

CLAVE: 00124

ruta: MEX-090D

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. Morelia - Salamanca (Libre)	0.00	3	0	6265	110.1	126.4	142.5	15.5	98.1	109.4	139.3	13.4	97.0	110.7	138.8	14.8	19.916851	-101.149982
T. Der. Cuitzeo	6.70	1	0	5427	91.5	135.1	143.7	23.8	91.4	140.6	144.4	37.4	91.9	138.3	144.1	34.1	19.964952	-101.160477
T. Der. Cuitzeo	6.70	3	0	5559	90.1	132.5	143.6	23.8	97.5	140.3	144.4	36.1	88.4	137.5	144.0	32.9	19.975885	-101.157344
Lim. Edos. Term. Mich. Ppia. Gto.	17.85																	
T. Izq. La Cinta	19.30	1	0	5454	88.9	131.6	143.6	24.6	91.9	140.5	144.4	37.1	88.5	137.3	144.0	33.2	20.071837	-101.136648
T. Izq. La Cinta	19.30	3	0	3627	90.2	130.9	143.6	23.7	97.8	140.6	144.4	37.3	91.6	138.2	144.1	34.2	20.085083	-101.136861
T. Der. Yuriria	31.40	1	0	3235	105.5	121.0	138.9	15.3	82.4	96.7	120.7	15.7	79.2	100.9	124.6	20.7	20.178446	-101.155187
T. Der. Yuriria	31.40	3	0	4070	105.4	121.0	138.9	15.3	74.6	90.9	106.1	16.2	74.9	97.1	121.4	20.1	20.186479	-101.167719
T. Izq. Valle de Santiago	57.12	1	0	4975	117.7	137.7	144.0	17.9	88.0	116.3	143.2	23.3	87.4	109.6	140.6	21.4	20.368065	-101.148300
T. Izq. Valle de Santiago	57.12	3	0	4286	117.1	137.7	144.0	18.5	95.1	122.3	143.3	21.0	92.3	113.4	141.7	20.4	20.378158	-101.147869
Caseta de Cobro Valtierra	76.39	2	0	3456													20.542631	-101.137714
T. C. Querétaro - Irapuato (Libre)	77.09	1	0	3947	93.0	111.7	129.4	17.9	81.6	95.9	112.4	15.0	81.8	96.0	112.6	14.4	20.537125	-101.138706
T. C. Querétaro - Irapuato (Cuota)	81.94	1	0	3839	92.4	111.5	129.2	18.2	82.7	97.3	113.4	15.3	82.1	97.1	113.7	14.7	20.584307	-101.141337

GUANAJUATO

30 C A R R : Guanajuato - Santa Rita

CLAVE: 11810

RUTA: GTO

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. Guanajuato - Los Infantes	0.00	3	1	25334	45.7	45.0	77.4	5.6	42.8	46.7	54.6	6.6	43.7	49.6	54.9	8.1	20.992138	-101.285273
T. C. Guanajuato - Los Infantes	0.00	3	2	26052	40.0	43.5	79.1	9.3	33.3	36.5	51.8	6.7	33.2	41.2	54.1	9.6	20.992071	-101.285089
T. Der. Puenteillas	3.06	1	1	16244	45.7	45.0	79.4	5.7	43.6	47.7	54.3	6.1	44.0	49.4	55.0	7.6	20.971087	-101.278921
T. Der. Puenteillas	3.06	1	2	15819	40.0	43.5	76.5	9.3	34.9	40.8	53.1	6.5	33.3	39.6	54.1	9.1	20.971086	-101.278922
T. Der. Puenteillas	3.06	3	0	9519	49.9	53.1	68.2	8.2	46.2	51.2	54.6	6.9	45.5	51.4	58.7	7.9	20.963715	-101.274996
T. Izq. San Miguel de Allende	35.45	1	0	3563	84.4	92.6	107.2	9.9	69.3	80.2	94.4	12.0	74.7	85.3	102.8	12.0	20.889901	-101.031727
T. Izq. San Miguel de Allende	35.45	3	0	3541	89.0	101.0	114.1	13.0	64.3	78.9	85.0	11.7	75.0	87.8	105.0	13.6	20.884660	-101.025738
T. Der. Juventino Rosas	71.62	1	1	2214	51.5	61.1	77.8	11.2	54.3	53.4	54.8	1.3	49.1	57.2	73.5	10.4	20.653382	-100.990725
T. Der. Juventino Rosas	71.62	1	2	2219	49.4	57.4	74.6	11.3	52.9	53.2	54.8	3.4	45.1	51.8	63.6	8.4	20.653381	-100.990724
T. Der. Juventino Rosas	71.62	3	1	4471	70.3	83.7	103.1	14.2	66.1	78.3	91.9	12.4	66.7	80.5	102.5	14.8	20.633320	-100.976411
T. Der. Juventino Rosas	71.62	3	2	4474	62.2	74.2	92.3	13.3	59.8	71.2	84.8	12.3	56.7	69.2	88.2	13.6	20.633320	-100.976411
T. C. Celaya - Dolores Hidalgo	92.00	1	1	6464	51.6	54.0	63.8	6.3	46.4	52.4	63.2	7.9	45.8	52.4	62.3	9.1	20.576314	-100.824259
T. C. Celaya - Dolores Hidalgo	92.00	1	2	5695	46.8	50.8	58.3	5.8	40.3	43.8	54.2	7.5	38.5	44.4	54.2	8.3	20.576325	-100.824253

31 C A R R : Jalostotitlán - Purísima de Bustos

CLAVE: 00142

RUTA: JAL-GTO

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
Jalostotitlán	0.00	3	0	4919	35.3	42.8	55.0	9.2	53.8	53.4	54.8	2.3	36.7	44.9	53.9	9.4	21.156340	-102.464206
San Miguel El Alto	19.00	3	0	4590	47.5	52.9	98.0	10.2	43.3	50.7	58.7	8.6	45.8	52.3	57.6	9.6	21.020938	-102.351265
San Diego de Alejandría	63.00	3	0	3492	47.6	53.0	100.9	10.3	43.6	51.1	54.5	9.3	46.4	52.5	56.6	9.7	21.010636	-101.968204
Lim. Edos. Term. Jal. Ppia. Gto.	66.00																	
Purísima de Bustos	78.00	1	0	3988	63.1	70.3	82.9	8.9	57.8	62.5	72.9	6.9	56.4	64.3	78.1	10.4	21.015780	-101.893801

32 C A R R : León - Manuel Doblado

CLAVE: 11069

RUTA: GTO-037

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
León	0.00	3	1	19496	62.2	69.5	83.8	9.4	76.2	93.5	112.9	16.2	71.9	93.0	128.3	20.0	21.089382	-101.738529
León	0.00	3	2	19559	59.0	64.2	74.6	8.5	52.4	59.6	71.6	8.9	49.3	58.5	73.7	11.2	21.089379	-101.738528
X. C. León - Aguascalientes (Cuota)	4.60	3	1	17319	59.2	73.2	88.3	15.4	49.8	65.3	80.8	15.4	46.6	64.7	83.1	17.0	21.079355	-101.750410
X. C. León - Aguascalientes (Cuota)	4.60	3	2	17564	67.2	73.6	86.8	9.0	62.3	72.6	89.9	11.6	60.6	71.0	90.4	11.9	21.079362	-101.750411
San Francisco del Rincón	23.00	1	1	12167	87.7	99.9	123.5	14.0	81.4	92.9	106.4	12.7	78.7	92.8	108.8	15.1	21.038283	-101.815134
San Francisco del Rincón	23.00	1	2	12353	84.4	106.3	129.5	22.0	110.1	136.4	143.9	23.5	102.2	134.5	143.6	27.9	21.038283	-101.815141
Purísima de Bustos	26.00	1	1	10164	45.9	50.5	61.8	6.5	43.2	46.9	53.9	6.0	43.0	48.5	60.6	7.6	21.028886	-101.867471

GUANAJUATO

32 C A R R : León - Manuel Doblado

CLAVE: 11069

RUTA: GTO-037

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
Purísima de Bustos	26.00	1	2	9945	46.2	51.3	63.2	7.3	44.9	49.9	54.3	6.0	43.4	49.1	60.3	7.5	21.028888	-101.867469
T. Der. San Julián	29.00	1	0	5859	70.5	79.2	94.4	10.7	67.9	74.6	85.0	9.6	68.2	76.3	93.6	11.0	21.018972	-101.891376
T. Der. San Julián	29.00	3	0	4627	62.5	70.6	87.6	10.1	56.3	60.4	72.9	5.8	57.2	66.8	86.6	11.7	21.012372	-101.891105
T. Izq. Guadalupe de Jalpa	51.00	3	0	1305	70.5	87.9	109.5	17.9	60.5	76.2	94.8	12.1	66.6	84.7	101.8	17.3	20.870847	-101.987922
Manuel Doblado	68.00	1	0	2569	56.2	69.8	93.1	13.1	50.7	57.2	74.8	10.5	51.0	65.9	86.3	14.3	20.744916	-101.958527

33 C A R R : León - San Felipe Torres Mochas

CLAVE: 11036

RUTA: GTO

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
León	0.00	3	1	15049	44.8	50.2	106.1	11.9	47.9	60.9	73.1	13.9	43.2	61.3	78.3	17.0	21.169457	-101.664069
León	0.00	3	2	17687	53.7	59.0	94.5	9.4	46.3	51.6	61.4	7.9	43.3	51.1	62.5	9.7	21.169455	-101.664066
X. C. Libramiento de León	6.50	3	0	13709	48.4	56.3	137.3	17.0	54.4	60.5	140.3	15.7	49.1	54.6	135.1	15.7	21.202107	-101.674657
Lim. Edos. Term. Gto. Ppia. Jal.	17.00																	
Lim. Edos. Term. Jal. Ppia. Gto.	38.00																	
San Felipe Torres Mochas	98.00	1	0	6162	91.9	136.5	143.9	31.9	69.7	72.9	143.2	19.6	80.5	120.3	142.5	26.8	21.429643	-101.237331

34 C A R R : Libramiento de Abasolo

CLAVE: 11011

RUTA: GTO

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. Irapuato - Guadalajara (1º Acceso)	0.00	3	1	9423	103.7	127.3	142.4	22.4	97.7	116.0	139.6	19.0	96.2	113.0	137.4	17.9	20.464936	-101.515484
T. C. Irapuato - Guadalajara (1º Acceso)	0.00	3	2	9345	96.3	110.3	127.4	14.2	86.7	97.1	114.4	12.4	84.6	94.6	114.0	12.0	20.464935	-101.515484
T. C. Irapuato - Zapotlanejo (2º Acceso)	2.50																	

35 C A R R : Libramiento de Salamanca

CLAVE: 11002

RUTA: GTO

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. Querétaro - Irapuato Libre	0.00	3	1	13856	102.7	115.6	132.9	14.0	93.0	102.5	121.6	11.3	90.2	100.9	118.9	12.3	20.554857	-101.173668
T. C. Querétaro - Irapuato Libre	0.00	3	2	13755	114.7	134.9	143.7	17.4	107.4	127.2	142.8	17.5	101.4	119.9	141.5	17.5	20.554857	-101.173671
T. C. Querétaro - Irapuato Libre	11.00	1	1	17612	74.6	125.0	142.8	38.2	94.9	139.2	144.2	37.1	85.4	137.9	144.1	40.7	20.578556	-101.227438
T. C. Querétaro - Irapuato Libre	11.00	1	2	17656	101.3	114.4	132.2	14.6	92.9	103.8	124.2	12.9	90.3	102.2	122.1	13.2	20.578557	-101.227432

GUANAJUATO

36 C A R R : Libramiento de Salvatierra

CLAVE: 11012

RUTA: GTO

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. Acámbaro - Celaya	0.00																	
T. C. Salvatierra - (T. C. Morelia - Salamanca)	2.50	3	1	8482	58.0	64.6	76.7	9.6	52.8	59.0	66.7	8.0	49.7	59.1	71.7	10.8	20.218912	-100.891924
T. C. Salvatierra - (T. C. Morelia - Salamanca)	2.50	3	2	8538	42.1	51.0	64.8	10.5	33.8	43.6	53.4	10.0	30.2	41.4	56.1	12.1	20.218911	-100.891924
T. C. Acámbaro - Celaya	4.50	1	1	7476	56.4	62.9	74.5	8.5	48.3	54.2	64.0	8.7	45.4	53.7	67.9	9.6	20.219279	-100.864441
T. C. Acámbaro - Celaya	4.50	1	2	6882	46.0	52.7	63.5	8.9	42.5	50.3	55.0	9.5	38.1	49.9	57.1	12.6	20.219278	-100.864441

37 C A R R : Libramiento de San Felipe Torres Mochas

CLAVE: 11012

RUTA: GTO

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. León - San Felipe Torres Mochas	0.00	3	0	3834	98.9	111.6	128.2	13.5	85.4	94.6	109.8	11.5	87.6	95.1	110.3	10.5	21.435459	-101.230263
T. C. Ent. de Zaragoza - San Felipe	10.00	1	0	4083	96.8	121.3	141.9	20.1	90.1	119.8	142.1	24.4	89.2	109.7	137.0	18.5	21.474137	-101.160957

38 C A R R : Libramiento de San Luis de La Paz

CLAVE: 11014

RUTA: GTO

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 Luis de La Paz - Guanajuato	0.00	3	1	4047	77.2	91.2	116.6	15.1	69.8	80.2	98.1	12.0	68.9	82.6	102.1	14.3	21.291993	-100.530036
T. C. San Luis de La Paz - Guanajuato	0.00	3	2	4297	61.5	68.3	87.5	10.2	50.5	53.9	64.3	7.2	51.3	53.8	64.7	6.8	21.291994	-100.530037
T. C. San Luis de La Paz - Cañada de Moreno	3.60	1	1	1455	52.2	58.9	67.8	8.5	44.9	49.3	54.2	5.4	46.3	51.9	63.0	7.4	21.292492	-100.490324
T. C. San Luis de La Paz - Cañada de Moreno	3.60	1	2	1364	52.3	59.7	71.1	9.2	41.6	50.7	61.1	10.1	44.6	52.8	63.1	10.1	21.292490	-100.490316

39 C A R R : Manuel Doblado - Plan de Ayala

CLAVE: 11028

RUTA: GTO

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. Manuel Doblado - La Piedad	0.00	3	0	4689	64.8	78.3	102.9	13.3	62.6	80.4	101.6	15.8	62.6	81.6	112.4	17.5	20.734595	-101.935982
T. Izq. a San Francisco del Rincón	31.49	1	0	4707	63.7	72.8	89.7	10.8	58.0	61.4	71.8	5.6	58.6	68.3	85.0	11.4	20.977183	-101.847965
Plan de Ayala	48.35	1	0	5546	69.3	80.3	98.8	12.5	67.7	77.1	93.1	11.2	65.9	78.0	97.8	13.1	21.066542	-101.727724

40 C A R R : Nuevo Libramiento de León

CLAVE: 11133

RUTA: GTO

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. Irapuato - León	0.00	3	1	29564	70.6	79.6	94.0	10.6	67.6	76.7	92.7	11.1	65.5	74.9	92.6	11.3	21.106295	-101.623200

GUANAJUATO

40 C A R R : Nuevo Libramiento de León

CLAVE: 11133

RUTA: GTO

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. Irapuato - León	0.00	3	2	29694	72.9	92.1	115.9	17.7	75.5	97.1	132.5	20.0	74.1	96.0	131.8	19.9	21.106297	-101.623199
T. Der. Ibarrilla	9.58	3	1	18616	58.0	65.0	78.3	10.2	52.9	61.6	74.3	11.4	45.1	57.8	71.5	13.7	21.173524	-101.663362
T. Der. Ibarrilla	9.58	3	2	19013	50.9	60.5	74.1	11.1	47.2	54.6	73.2	11.0	46.7	54.4	71.3	10.6	21.173296	-101.663022
T. C. León - Aguascalientes	18.39	1	0	10475	72.8	83.1	102.0	11.8	63.4	73.0	91.1	11.1	62.3	73.7	95.6	13.2	21.174218	-101.732203

41 C A R R : Ramal a San Diego de La Unión

CLAVE: 11818

RUTA: GTO

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 Luis de La Paz - Guanajuato	0.00	3	0	3248	77.0	97.6	131.6	18.9	72.7	92.3	122.0	18.1	68.8	86.9	118.7	17.0	21.199585	-100.870240
San Diego de La Unión	31.00																	

42 C A R R : Romita - El Saucillo

CLAVE: 11201

RUTA: GTO

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
Romita	0.00																	
T. C. Munguía - Las Adjuntas	35.50	1	0	1850	65.4	79.2	103.8	13.6	60.2	74.9	89.6	12.5	60.5	77.6	100.9	15.0	20.694207	-101.706600

43 C A R R : Salamanca - Juventino Rosas

CLAVE: 11817

RUTA: GTO

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
Salamanca	0.00	3	0	5993	44.6	50.6	63.8	7.7	42.2	47.1	54.2	7.6	40.0	45.2	56.2	8.6	20.578769	-101.163376
Juventino Rosas	20.00	1	0	3726	64.0	73.4	99.8	11.7	61.2	67.6	88.3	8.6	58.8	68.5	91.7	11.6	20.631158	-101.011104

44 C A R R : Salvatierra - Cortázar

CLAVE: 11327

RUTA: GTO

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. Acámbaro - Celaya	0.00	3	0	5039	63.2	73.0	85.7	11.4	57.4	58.6	74.3	5.1	57.2	68.8	83.7	12.6	20.237206	-100.881929
Cortazar	31.80	1	0	4728	63.4	73.2	86.3	11.5	57.3	57.7	74.0	4.9	57.5	68.5	83.9	12.2	20.463162	-100.963781

GUANAJUATO

45 C A R R : San Luis de La Paz - San José Iturbide

CLAVE: 11046

RUTA: GTO

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 Luis de La Paz	0.00	3	0	4372	66.3	79.7	108.9	14.6	61.3	72.9	85.2	11.8	58.3	66.8	89.9	9.0	21.274252	-100.497659
Estación Pozo	8.00	3	0	2140	66.5	80.4	110.6	14.9	62.3	74.0	88.4	12.6	60.7	71.0	89.8	10.7	21.217703	-100.496989
X. C. Ent. San Miguel Allende - Dr. Mora	21.50	1	0	2782	69.6	83.4	112.8	14.8	59.7	71.9	91.1	11.7	60.6	74.7	98.5	13.2	21.107488	-100.458001
San José Iturbide	36.50	1	0	8652	59.5	65.9	83.2	9.6	54.8	54.4	63.4	2.5	56.4	63.6	82.6	9.8	21.016219	-100.392162

46 C A R R : Silao - La Romita

CLAVE: 11029

RUTA: GTO

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
Silao	0.00	3	1	5870	61.8	73.6	95.7	10.9	57.1	54.6	74.7	3.9	60.9	71.1	95.9	10.2	20.933810	-101.440735
Silao	0.00	3	2	5694	59.7	65.0	79.3	8.9	54.3	54.3	63.0	3.2	53.3	59.9	72.4	8.3	20.933810	-101.440735
Romita	13.00																	

47 C A R R : Silao - Los Arrastres

CLAVE: 11029

RUTA: GTO

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
Silao	0.00	3	0	10307	64.5	79.0	96.7	15.4	64.9	73.8	93.2	10.8	59.4	73.3	94.4	15.2	20.964889	-101.422619
T. C. León - San Felipe Torres Mochas	49.50	1	0	4217	96.6	109.4	131.9	13.4	84.3	95.4	114.2	12.6	87.6	98.1	120.2	12.2	21.305842	-101.280121

48 C A R R : T. C. (Villa del Pueblito - Huimilpan) - Coroneo

CLAVE: 00155

RUTA: QRO-GTO

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. Villa del Pueblito - Huimilpan	0.00	3	0	5016	52.9	60.6	73.7	9.2	45.8	52.9	62.6	9.5	45.0	55.3	73.8	11.7	20.517031	-100.430131
Lim. Edos. Term. Qro. Ppia. Gto.	20.00																	
Coroneo	45.20	1	0	3290	70.4	81.9	100.2	12.8	64.3	72.3	82.2	9.5	66.6	78.0	96.3	12.8	20.213409	-100.366501

49 C A R R : Guanajuato - Silao (Cuota)

CLAVE: 11810

RUTA: GTO-110D

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. Guanajuato - Santa Rita	0.00																	
X. C. Santa Teresa - Silao	3.76	1	1	8246	87.3	94.6	118.1	10.5	76.0	74.6	132.3	5.9	75.5	74.5	124.2	5.2	20.970955	-101.307258
X. C. Santa Teresa - Silao	3.76	1	2	7986	124.3	140.3	144.4	16.5	125.5	141.9	144.6	20.3	131.5	142.3	144.6	15.8	20.970956	-101.307259

GUANAJUATO

49 C A R R : Guanajuato - Silao (Cuota)

CLAVE: 11810

RUTA: GTO-110D

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. Irapuato - León	14.55																	

50 C A R R : Libramiento de Celaya (Cuota)

CLAVE: 11011

RUTA: GTO-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
T. C. Querétaro - Irapuato	0.00	3	1	4257	84.4	99.0	122.1	14.8	66.2	74.7	96.2	11.2	62.6	72.7	92.7	11.8	20.505956	-100.765714
T. C. Querétaro - Irapuato	0.00	3	2	4166	82.6	96.3	122.2	14.9	65.3	74.9	98.2	11.7	60.4	72.1	93.4	13.0	20.505950	-100.765717
T. C. Querétaro - Irapuato	16.45	1	1	3902	75.5	84.9	102.0	11.8	60.7	67.7	81.7	9.3	56.8	64.0	78.1	9.5	20.511078	-100.871332
T. C. Querétaro - Irapuato	16.45	1	2	3845	80.4	92.7	111.9	13.8	66.3	76.3	93.8	11.5	63.1	72.5	89.9	10.8	20.511085	-100.871337

51 C A R R : Celaya - Dolores Hidalgo

CLAVE: 11109

RUTA: MEX-051-GTO

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
Celaya	0.00																	
X. C. Querétaro - Irapuato (Cuota)	3.90	1	1	16840	50.7	61.7	80.5	12.0	55.0	62.9	73.7	8.5	52.6	64.8	89.9	13.8	20.556245	-100.822634
X. C. Querétaro - Irapuato (Cuota)	3.90	1	2	15310	49.6	54.7	67.7	8.7	45.1	50.6	56.1	6.6	43.0	49.8	63.1	8.6	20.556250	-100.822637
X. C. Querétaro - Irapuato (Cuota)	3.90	3	1	15486	65.2	77.9	140.5	17.8	61.6	72.4	140.4	17.3	61.8	74.8	140.3	18.7	20.560544	-100.822249
X. C. Querétaro - Irapuato (Cuota)	3.90	3	2	16001	93.1	139.7	144.3	40.7	97.3	140.2	144.4	39.0	88.6	138.6	144.1	38.9	20.560546	-100.822251
T. Izq. Juventino Rosas	6.92	3	1	9417	63.5	67.8	74.9	6.4	55.3	59.6	69.1	5.5	55.0	61.0	71.8	7.1	20.575635	-100.821027
T. Izq. Juventino Rosas	6.92	3	2	9310	86.7	97.2	114.5	11.8	80.7	92.0	104.6	12.3	78.2	91.9	109.8	14.3	20.575633	-100.821027
X. C. Santa Cruz - San Juan de La Vega	12.44	3	1	6419	85.2	97.6	114.5	13.0	74.2	86.1	97.5	12.1	74.7	87.9	104.9	13.7	20.629732	-100.782990
X. C. Santa Cruz - San Juan de La Vega	12.44	3	2	6510	84.6	97.1	114.2	13.3	73.5	84.3	94.3	12.2	73.3	86.5	104.2	14.6	20.629727	-100.782986
Comonfort	24.50	1	0	4024	50.3	56.2	75.0	10.1	48.5	53.2	62.1	8.7	49.4	54.1	71.9	9.7	20.707039	-100.753187
San Miguel de Allende	49.90	1	1	8739	46.0	49.3	54.5	4.8	39.8	44.1	53.4	6.5	38.2	42.3	52.4	6.5	20.894829	-100.756469
San Miguel de Allende	49.90	1	2	8914	64.0	71.7	84.0	9.1	54.8	54.4	63.6	2.5	52.9	64.0	80.3	12.1	20.894831	-100.756459
T. Izq. Atotonilco	65.60	1	0	6656	93.1	112.3	134.4	18.8	84.5	98.0	113.3	15.2	82.8	94.6	111.7	14.5	21.019693	-100.788603
T. Izq. Atotonilco	65.60	3	0	6158	93.0	112.0	134.7	18.6	84.7	98.0	113.0	15.0	82.3	94.9	111.9	14.9	21.030197	-100.791705
T. C. San Luis de La Paz - Guanajuato	85.42	1	0	5770	93.5	112.5	134.8	18.4	84.5	98.0	113.0	15.0	82.8	95.9	113.9	15.1	21.160169	-100.885899

GUANAJUATO

52 C A R R : Cortázar - Valle de Santiago

CLAVE: 11016

RUTA: MEX-GTO-017

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
Cortazar	0.00	3	0	7468	58.4	64.4	79.4	9.1	54.8	58.0	64.9	4.9	54.3	62.1	75.9	9.4	20.472958	-100.977192
T. C. Morelia - Salamanca	29.20	1	0	6071	54.6	61.4	74.2	8.7	51.4	55.7	64.7	7.6	49.1	54.3	67.6	8.7	20.383436	-101.183016

53 C A R R : Guanajuato - Los Infantes

CLAVE: 11067

RUTA: MEX-110-GTO

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
Guanajuato	0.00	3	1	17259	76.8	82.8	102.8	9.1	72.9	80.1	85.3	9.0	66.0	74.8	91.5	10.3	21.009499	-101.270492
Guanajuato	0.00	3	2	17418	63.4	71.9	96.1	11.5	61.7	65.7	73.8	6.8	53.1	61.9	74.3	10.7	21.009016	-101.270797
T. Izq. Juventino Rosas	4.91	1	1	20783	76.7	82.7	102.7	9.1	75.0	81.7	91.6	7.9	71.7	81.3	97.6	11.7	21.000657	-101.283887
T. Izq. Juventino Rosas	4.91	1	2	19673	63.2	71.9	96.7	11.7	61.9	66.5	74.1	7.1	58.9	65.8	82.6	10.2	20.996470	-101.281745
T. Der. Silao	12.77	1	0	14959	44.0	50.2	93.9	10.4	38.4	48.0	54.7	10.7	36.3	46.9	57.3	11.4	20.961286	-101.316475
T. C. Irapuato - León	22.00	1	0	6485	84.1	93.4	113.1	11.0	76.7	87.1	101.9	11.8	79.5	91.5	114.8	13.8	20.894362	-101.350059

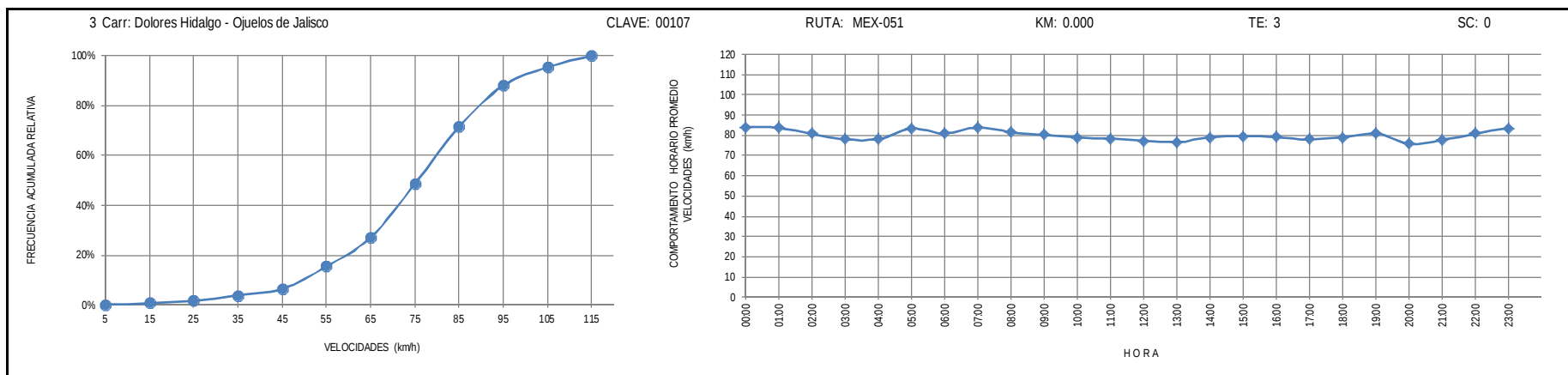
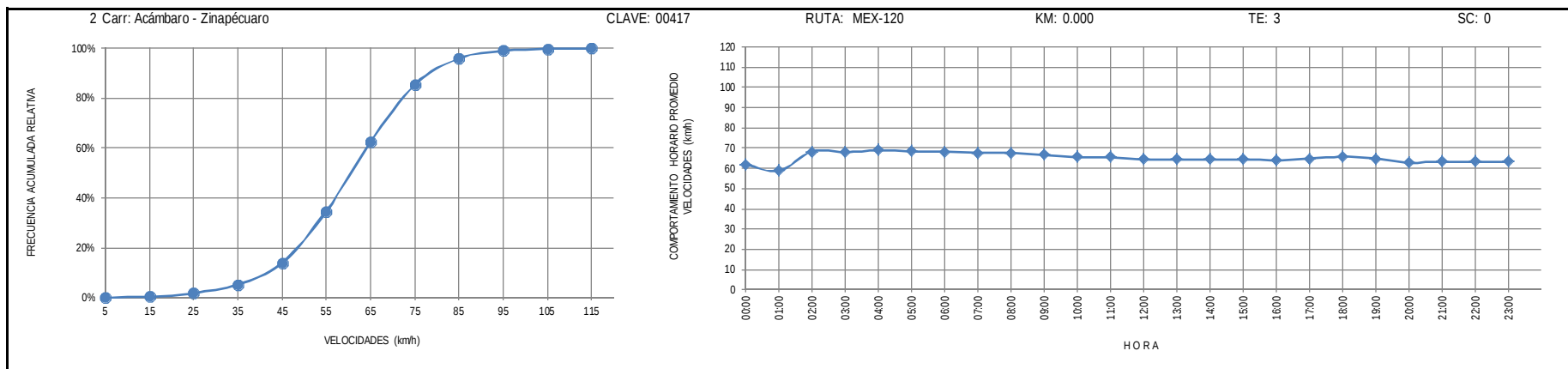
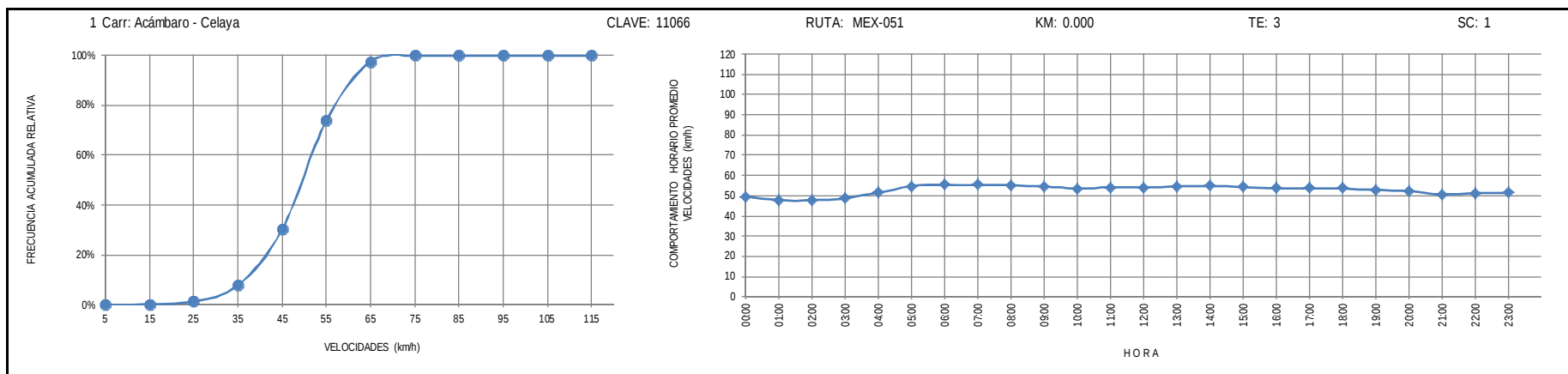
54 C A R R : Tepatlán - Las Adjuntas

CLAVE: 00141

RUTA: JAL/MEX-084

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. Lagos de Moreno - Zapotlanejo	0.00	3	1	3426	48.5	52.6	67.5	8.6	47.0	51.4	54.5	6.7	47.1	52.4	59.9	8.3	20.882819	-102.699509
T. C. Lagos de Moreno - Zapotlanejo	0.00	3	2	3486	58.6	64.0	84.1	9.3	54.4	54.9	64.6	4.1	54.9	60.1	74.1	6.6	20.882818	-102.699509
X. C. San Miguel El Alto - La Barca	34.00	3	1	5468	51.6	58.3	106.0	11.4	48.4	52.5	61.6	6.8	48.7	53.0	61.1	8.1	20.717843	-102.440218
X. C. San Miguel El Alto - La Barca	34.00	3	2	5383	43.5	44.5	92.4	7.8	38.3	47.9	54.1	8.0	42.7	51.4	54.7	10.5	20.717843	-102.440221
Arandas	46.00	3	0	7035	35.4	42.8	55.0	9.2	53.8	53.4	54.8	2.3	36.7	44.9	53.9	9.3	20.701795	-102.326105
T. Der. Jesús María	58.00	3	0	2627	47.8	53.3	104.0	10.6	43.1	50.8	54.7	9.0	45.3	52.2	58.2	9.5	20.685568	-102.233207
X. C. Manuel Doblado - La Piedad	91.00	1	0	1432	71.8	84.0	104.2	13.6	69.5	85.4	130.3	16.8	63.2	75.8	109.4	14.2	20.621474	-101.991118
Lim. Edos. Term. Jal. Ppia. Gto.	95.00																	
T. C. Munguía - Las Adjuntas	100.00	1	0	1375	70.8	83.1	103.6	13.6	67.0	80.2	114.0	14.9	68.0	85.0	123.9	17.8	20.653296	-101.886743



4 Carr: Ent Buenavista - San Miguel de Allende

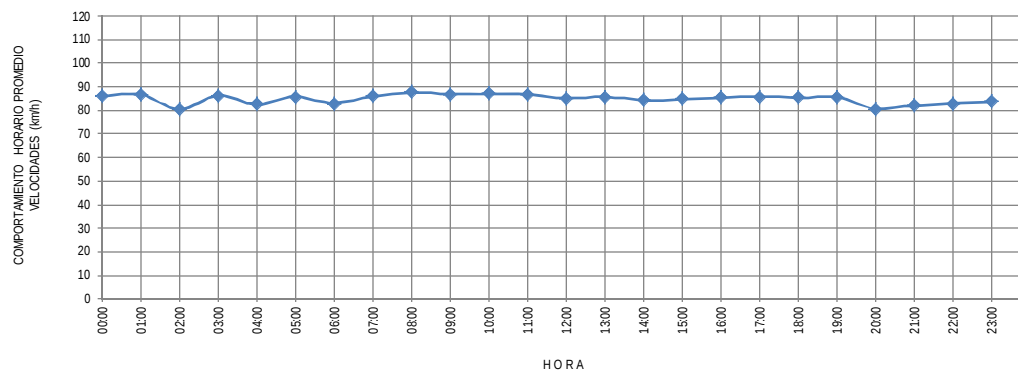
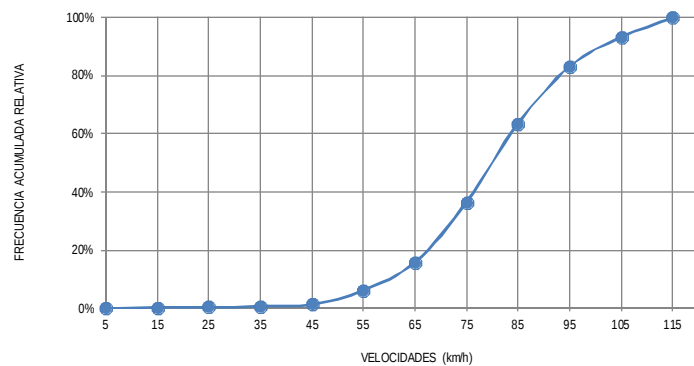
CLAVE: 00111

ruta: MEX-057

KM: 0.000

TE: 3

SC: 0



5 Carr: Ent de Zaragoza - San Felipe

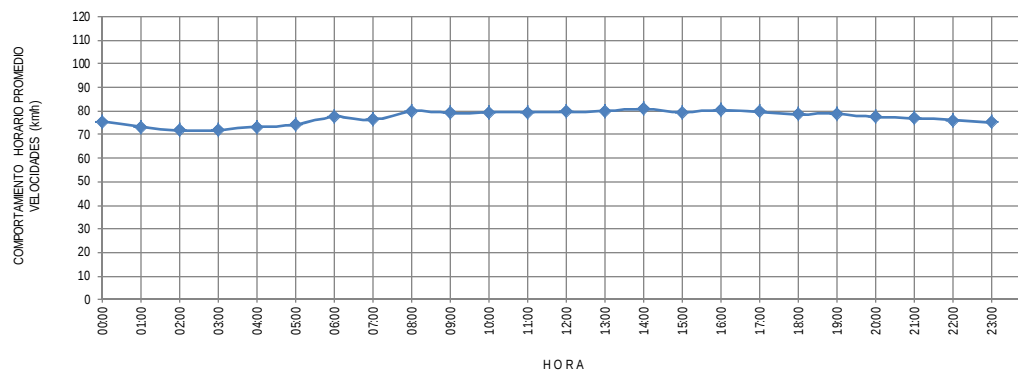
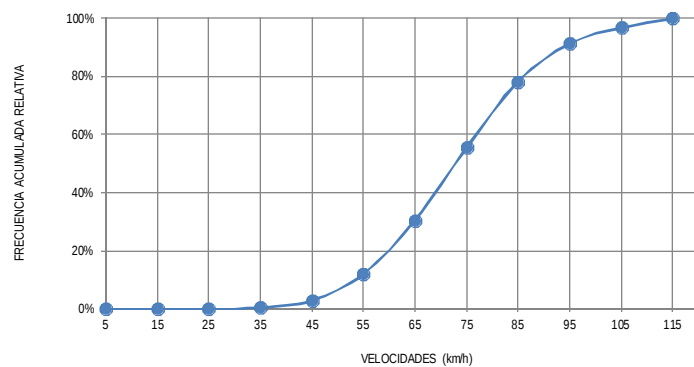
CLAVE: 00240

ruta: MEX-037

KM: 0.000

TE: 3

SC: 0



6 Carr: Ent. La Fortaleza - Cortázar

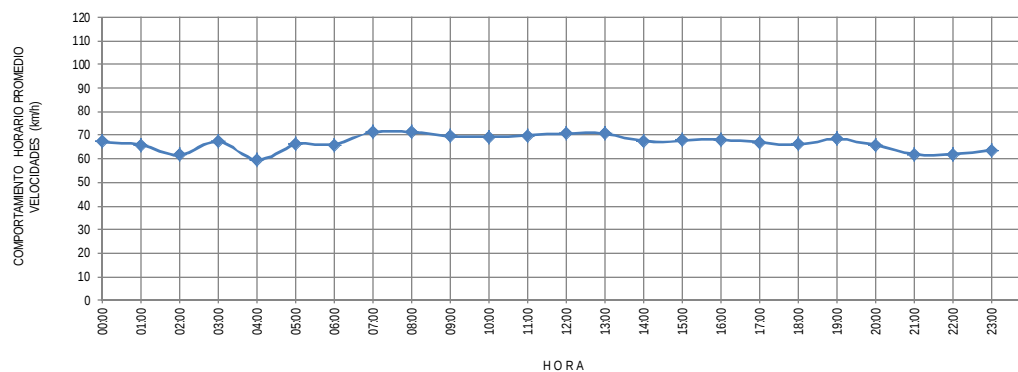
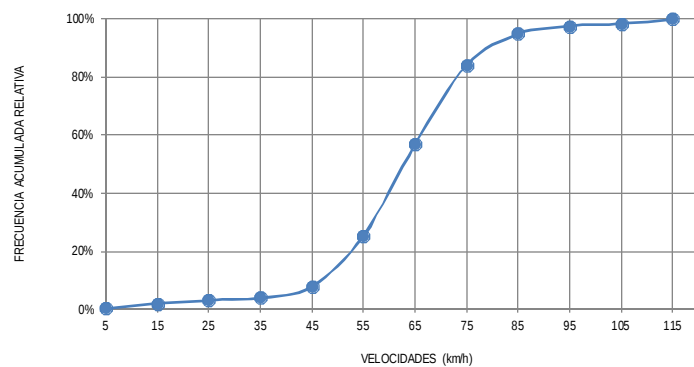
CLAVE: 11017

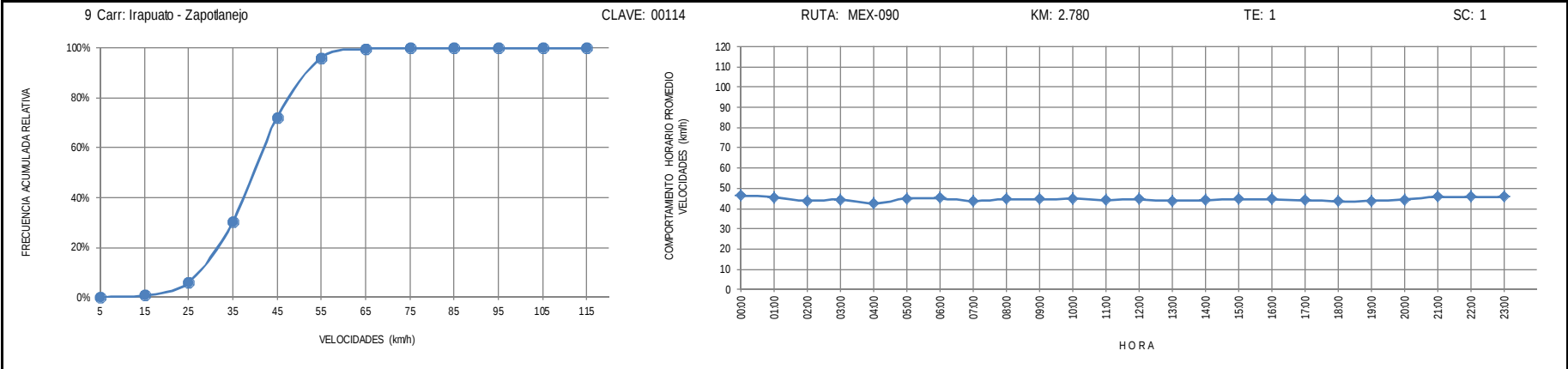
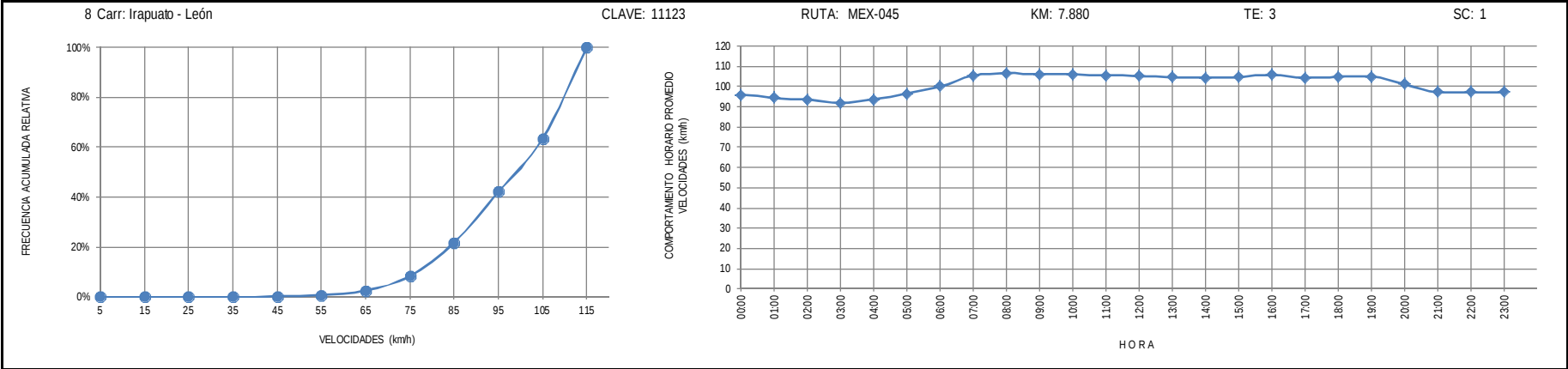
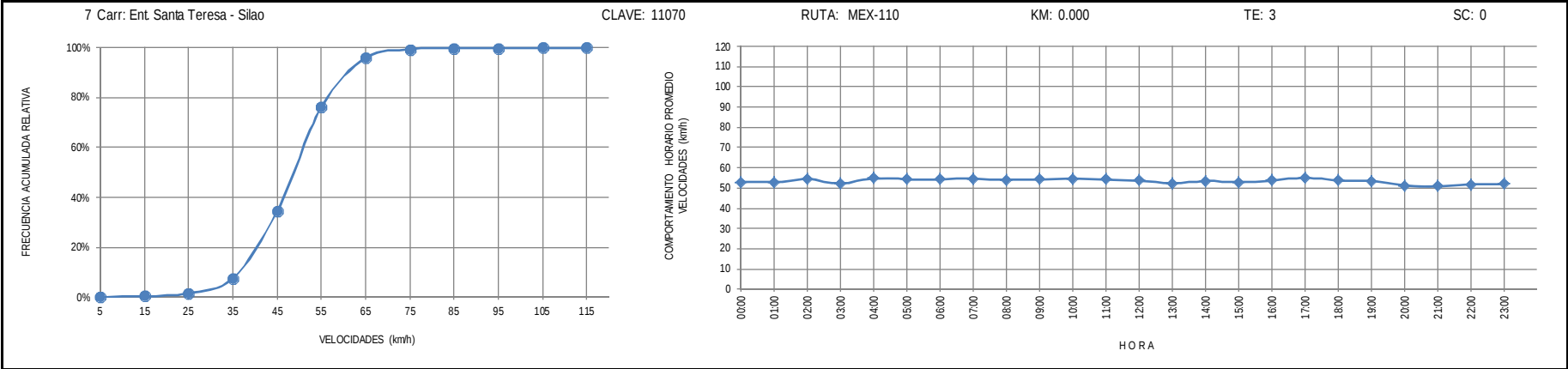
ruta: MEX-045

KM: 0.000

TE: 3

SC: 1





10 Carr: La Noria - Acámbaro

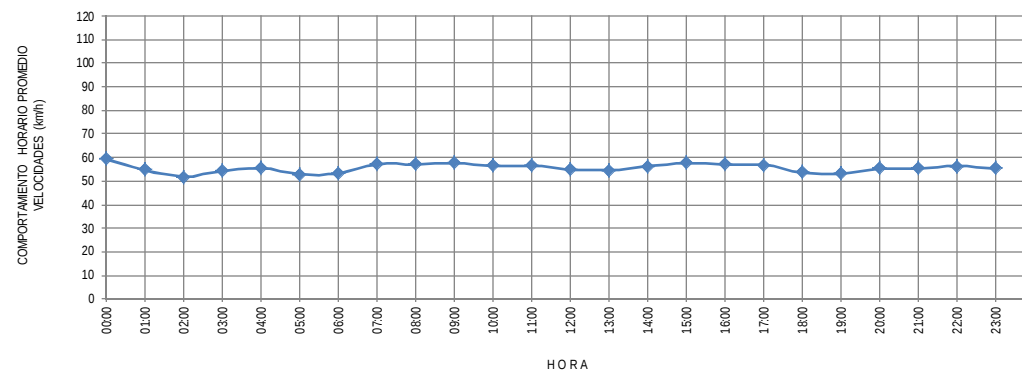
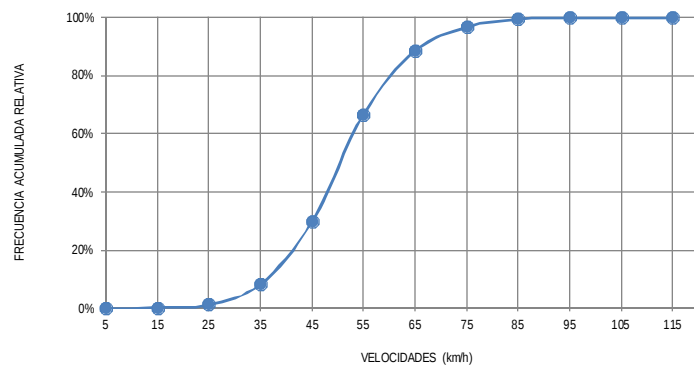
CLAVE: 00131

ruta: MEX-120

KM: 0.000

TE: 3

SC: 0



11 Carr: León - Aguascalientes

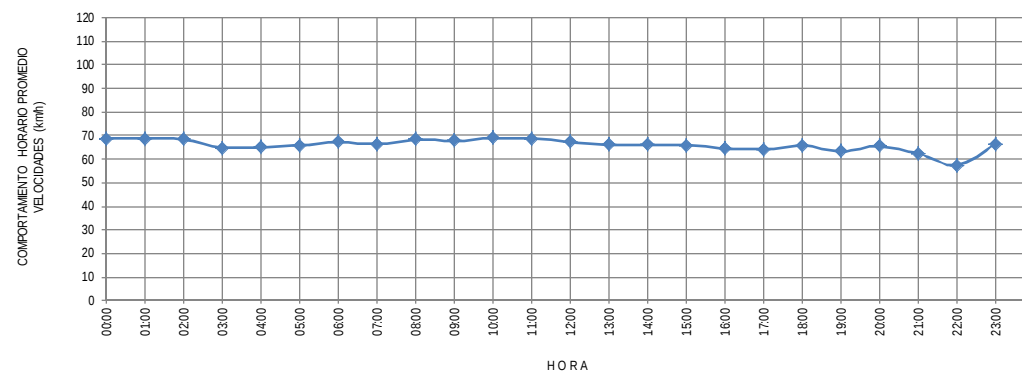
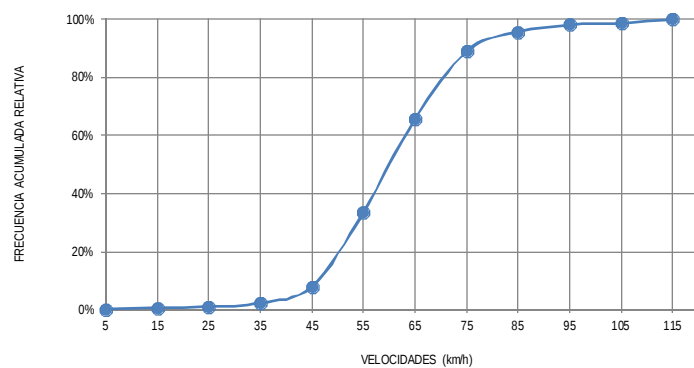
CLAVE: 00167

ruta: MEX-045

KM: 11.000

TE: 1

SC: 1



12 Carr: Manuel Doblado - La Piedad

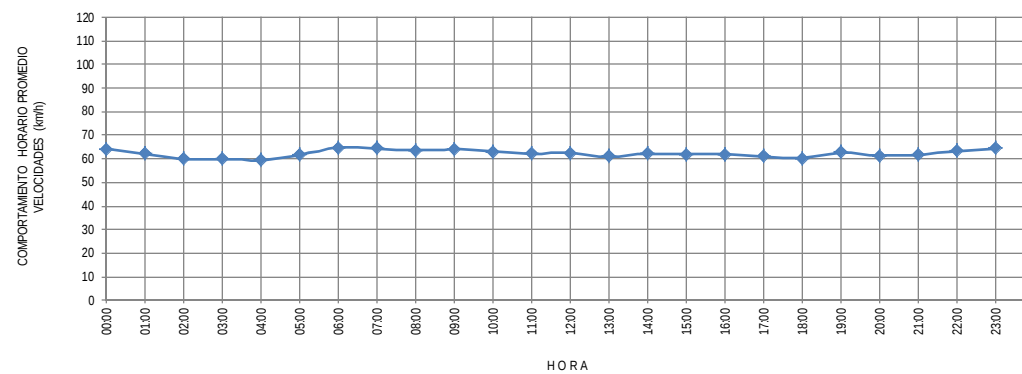
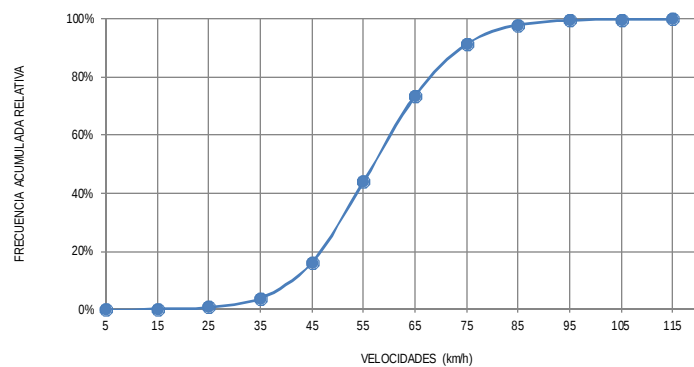
CLAVE: 11028

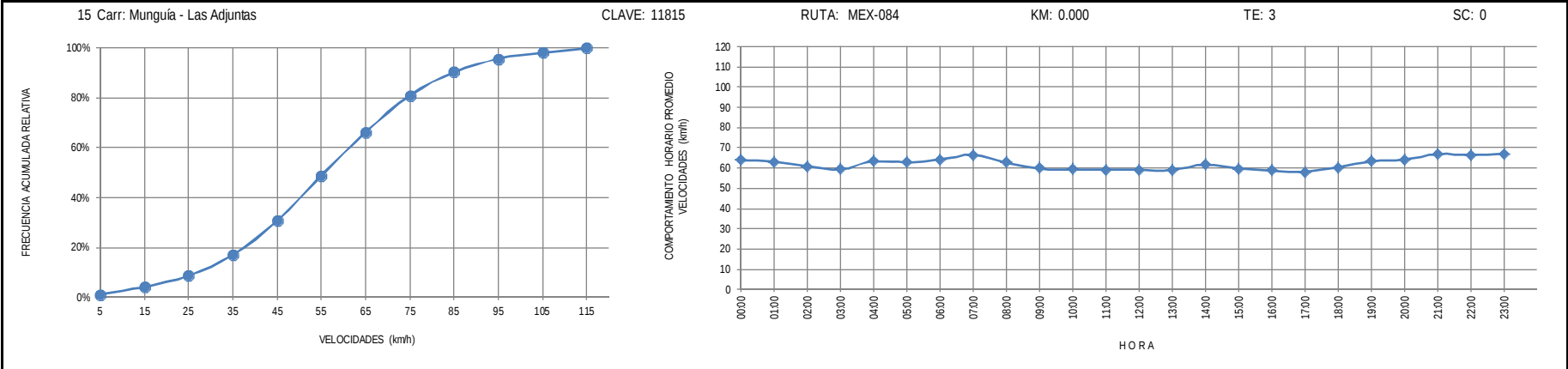
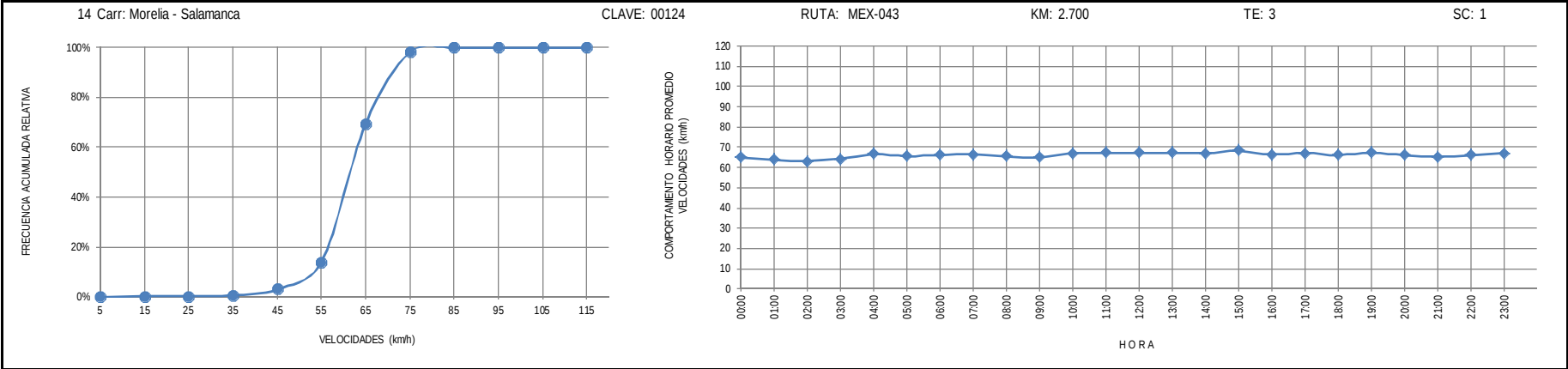
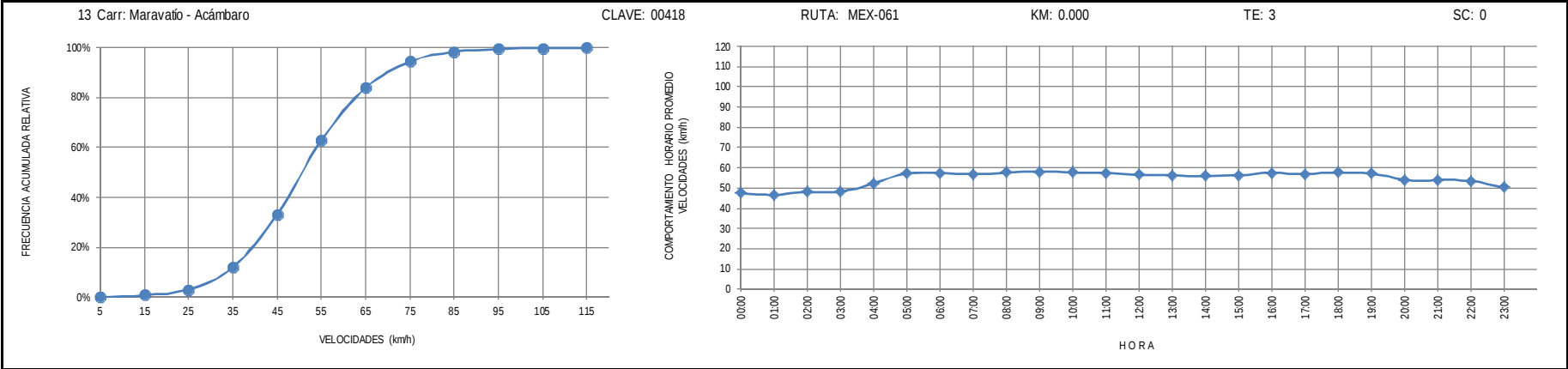
ruta: MEX-084

KM: 0.000

TE: 3

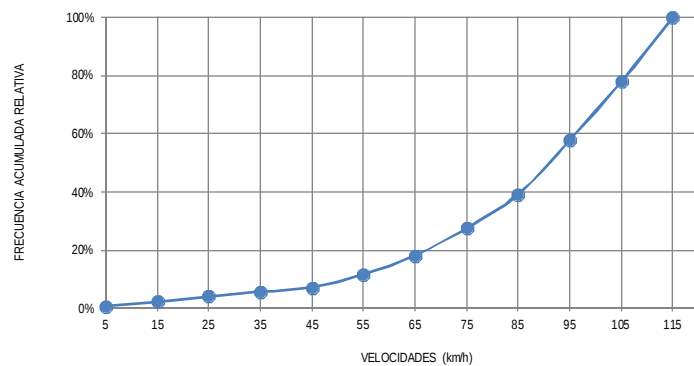
SC: 0





16 Carr: Nuevo Libramiento de Irapuato

CLAVE: 11132

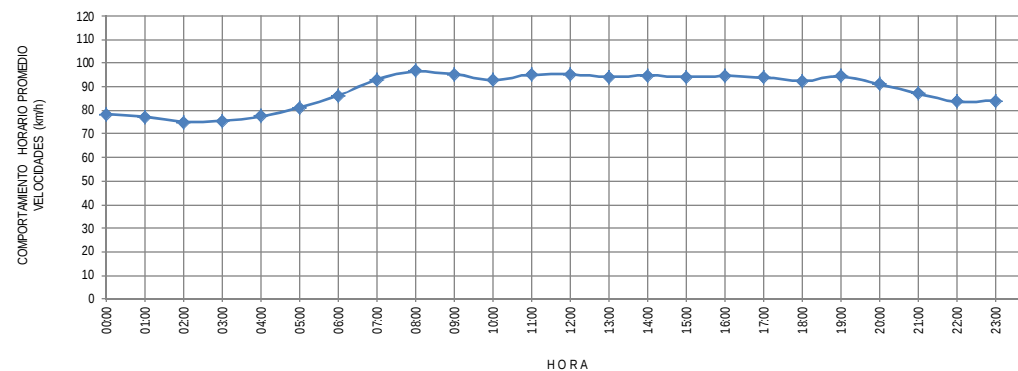


ruta: MEX-045

KM: 0.000

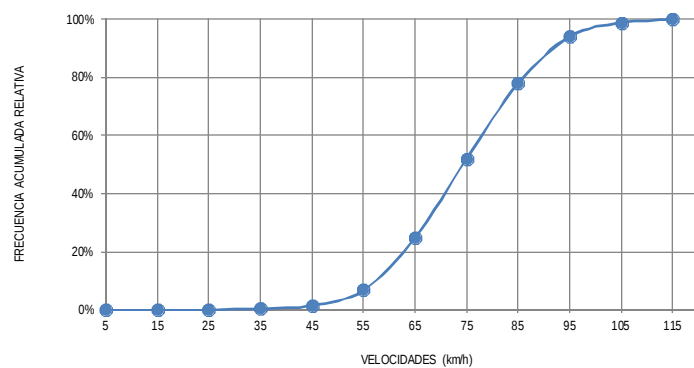
TE: 3

SC: 1



17 Carr: Querétaro - Irapuato (Libre)

CLAVE: 00154

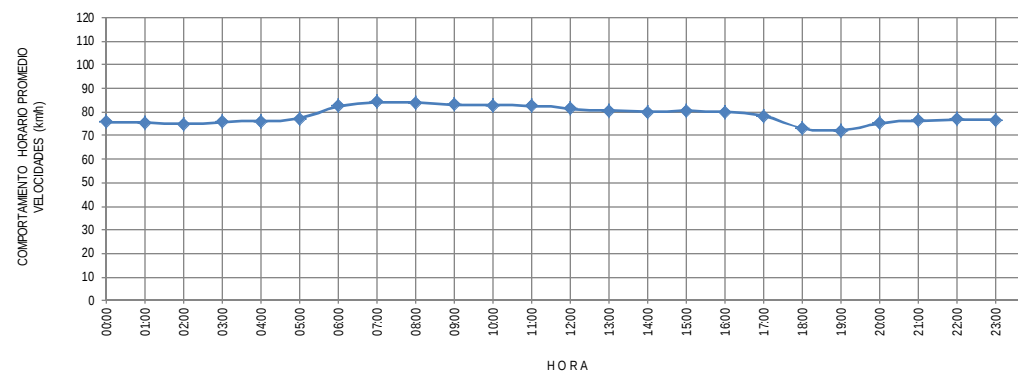


ruta: MEX-045

KM: 0.000

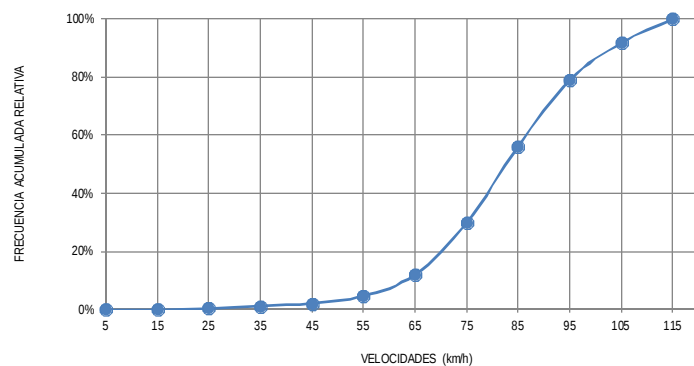
TE: 3

SC: 1



18 Carr: Querétaro - San Luis Potosí

CLAVE: 00165

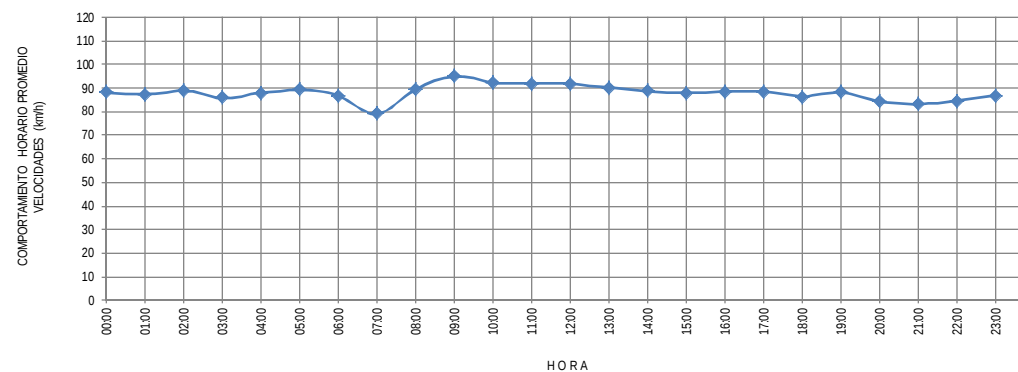


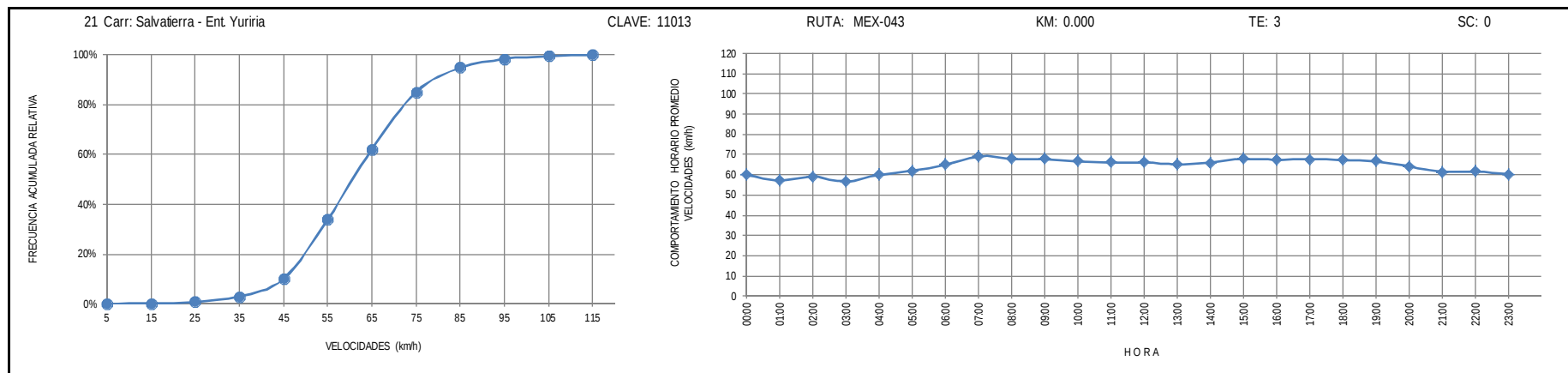
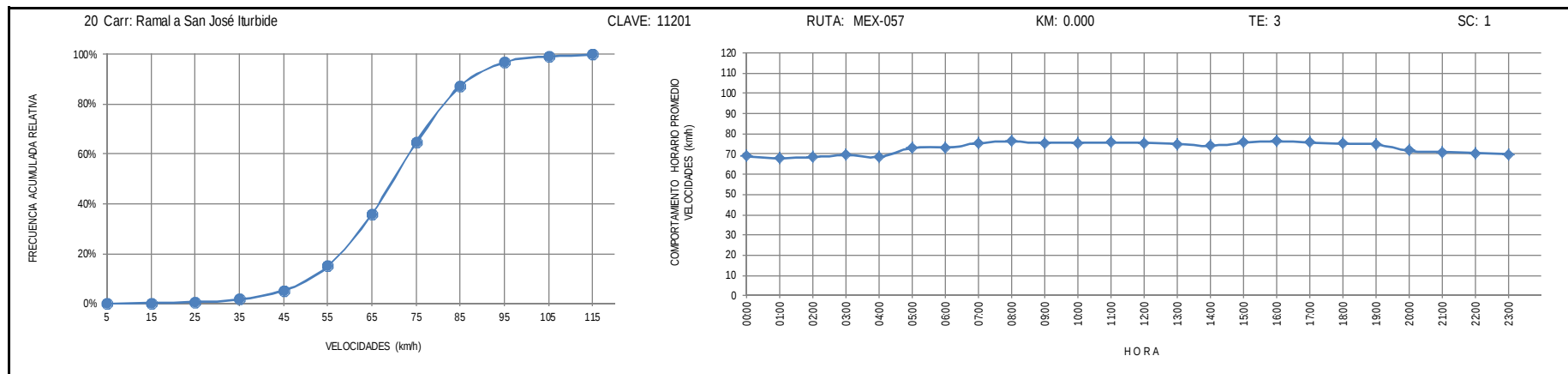
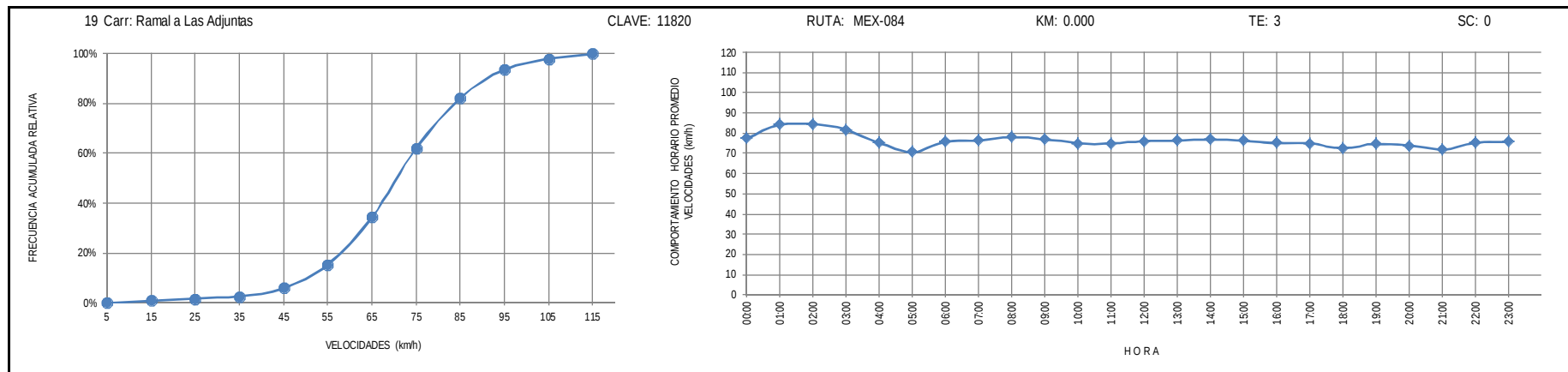
ruta: MEX-057

KM: 6.280

TE: 3

SC: 1





22 Carr: San Luis de La Paz - Cañada de Moreno

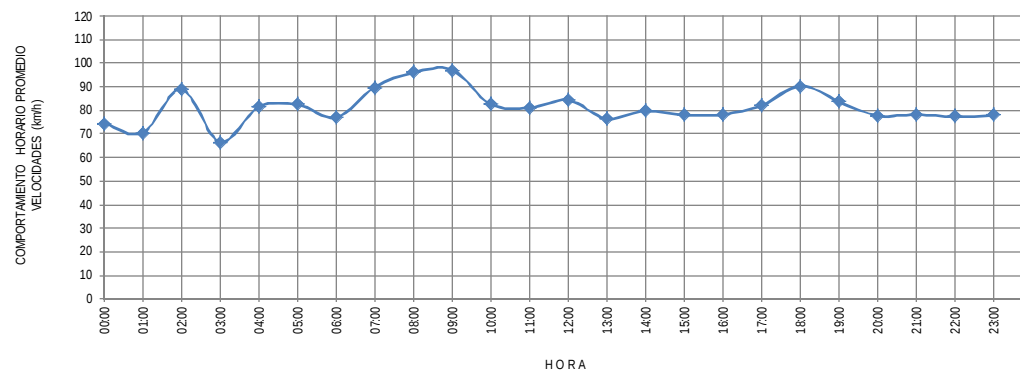
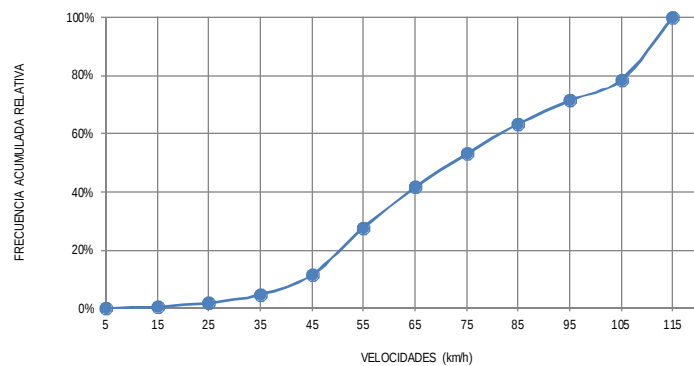
CLAVE: 11134

RUTA: MEX-110

KM: 0.000

TE: 3

SC: 0



23 Carr: San Luis de La Paz - Guanajuato

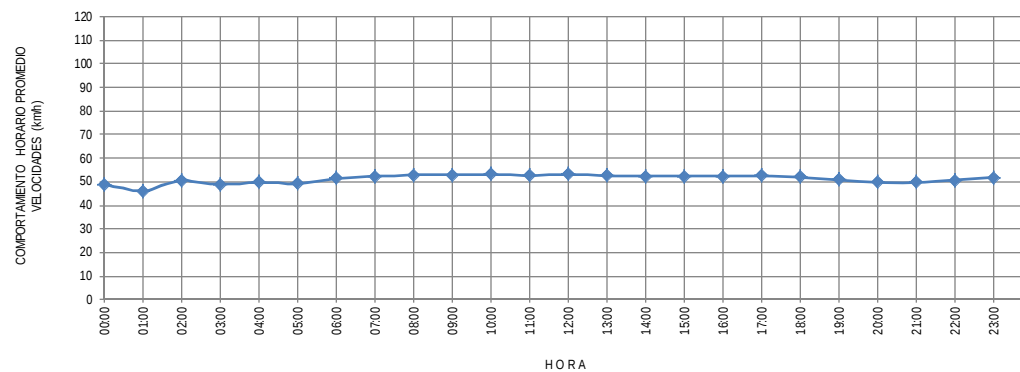
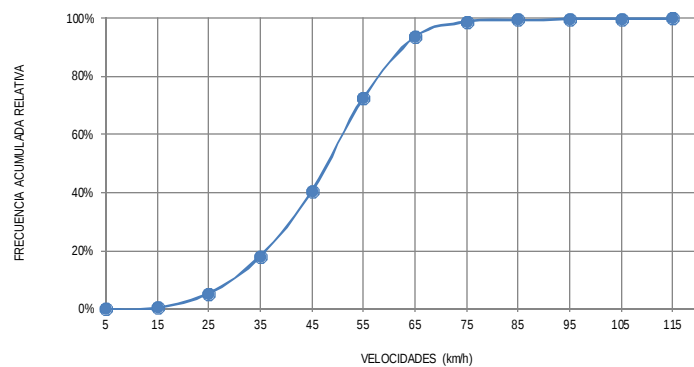
CLAVE: 11108

RUTA: MEX-110

KM: 1.740

TE: 3

SC: 1



24 Carr: León - Aguascalientes (Cuota)

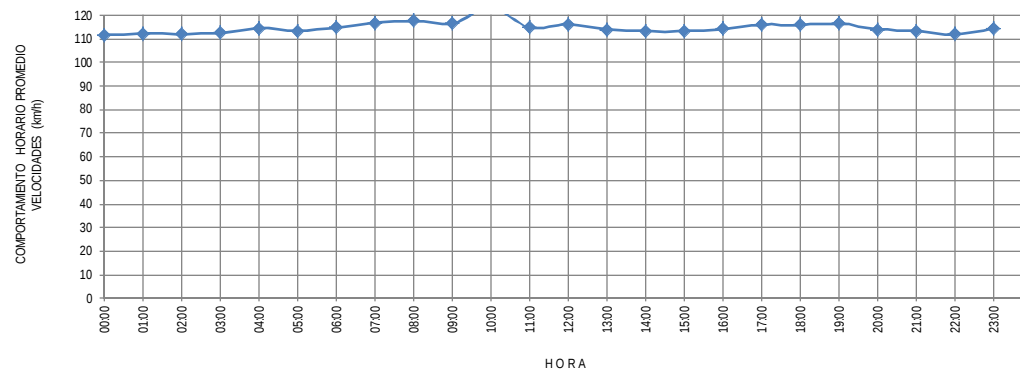
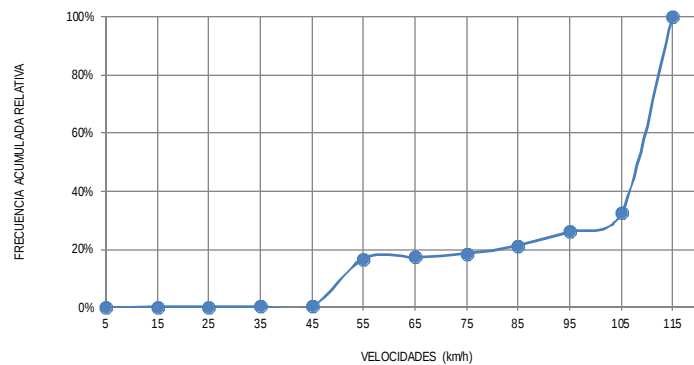
CLAVE: 00013

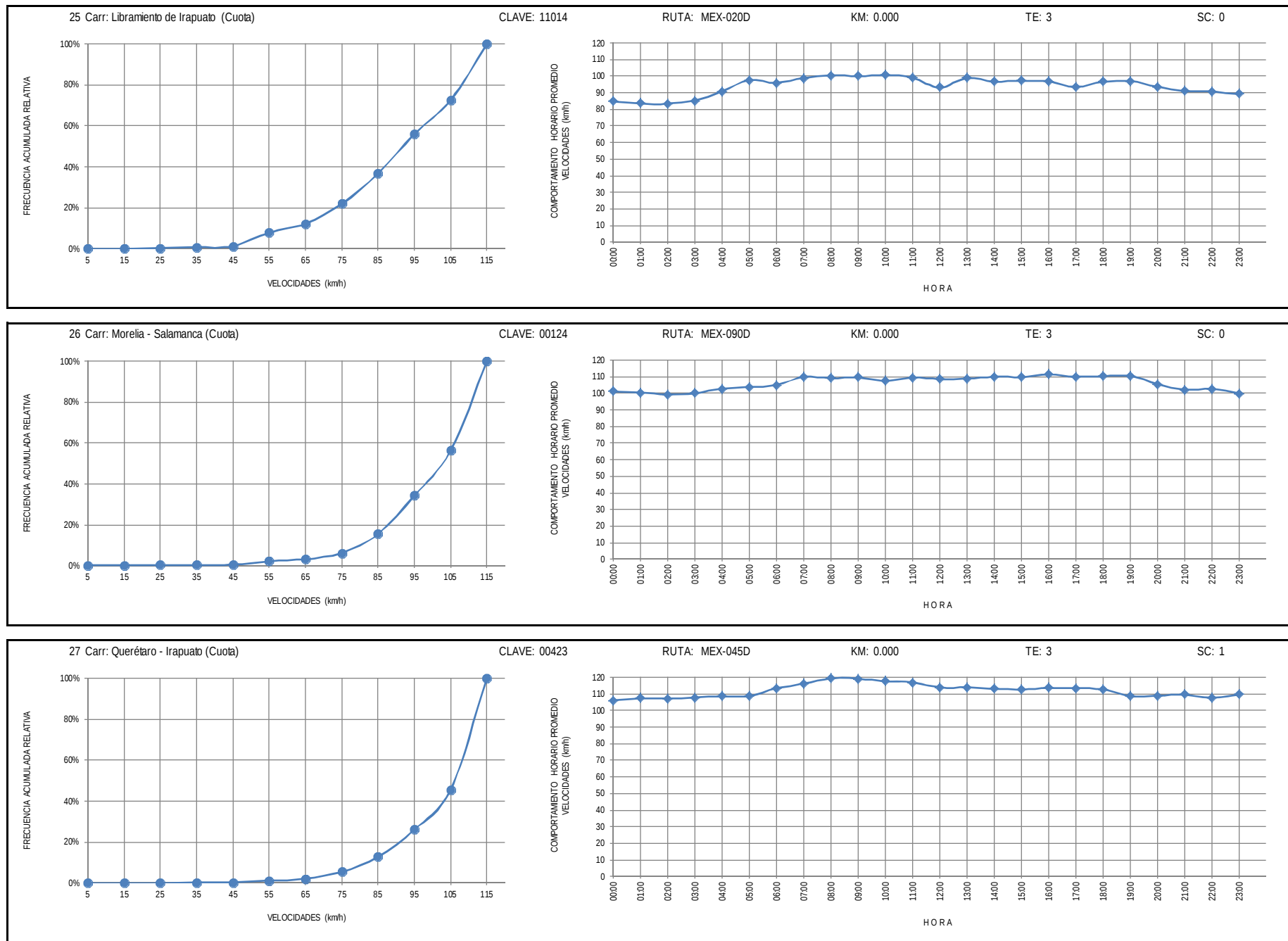
RUTA: MEX-045D

KM: 0.000

TE: 3

SC: 1





28 Carr: Ent. Begoña - Ent. Presa de Manantiales

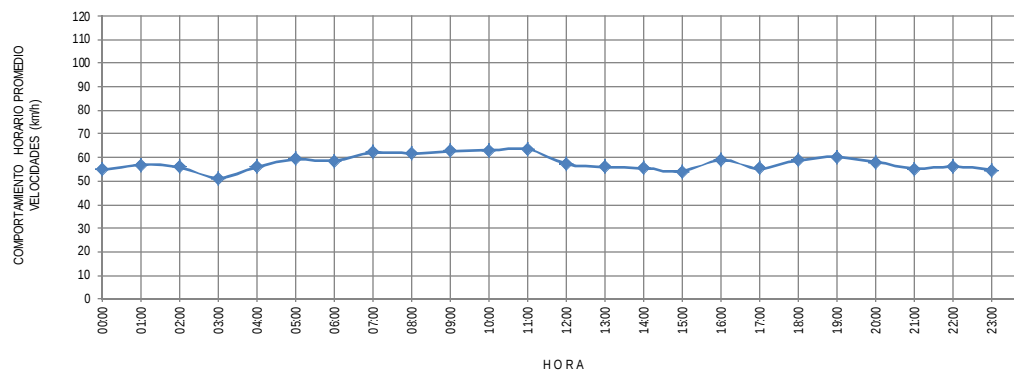
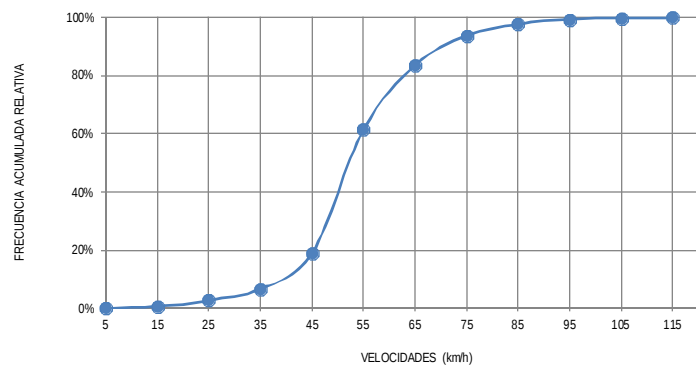
CLAVE: 11812

ruta: GTO

KM: 0.000

TE: 3

SC: 0



29 Carr: Ent. San Miguel de Allende - Dr. Mora

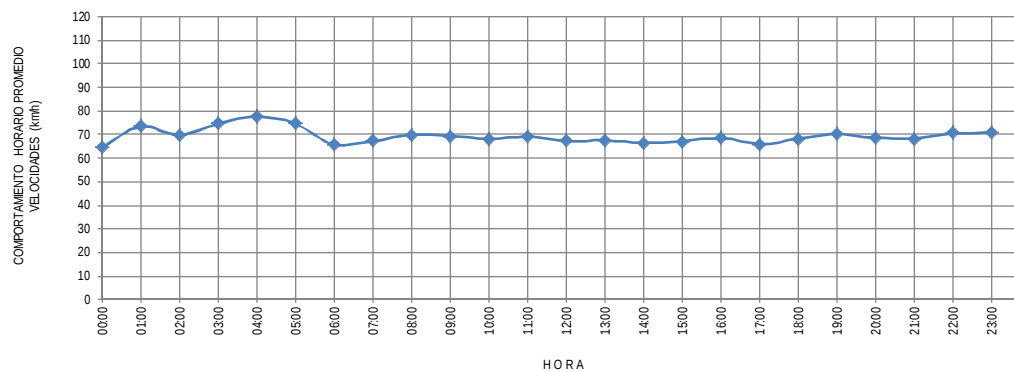
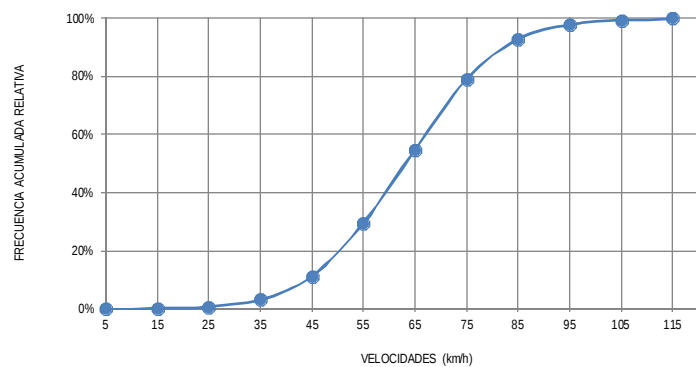
CLAVE: 11001

ruta: GTO-001

KM: 0.000

TE: 3

SC: 0



30 Carr: Guanajuato - Santa Rita

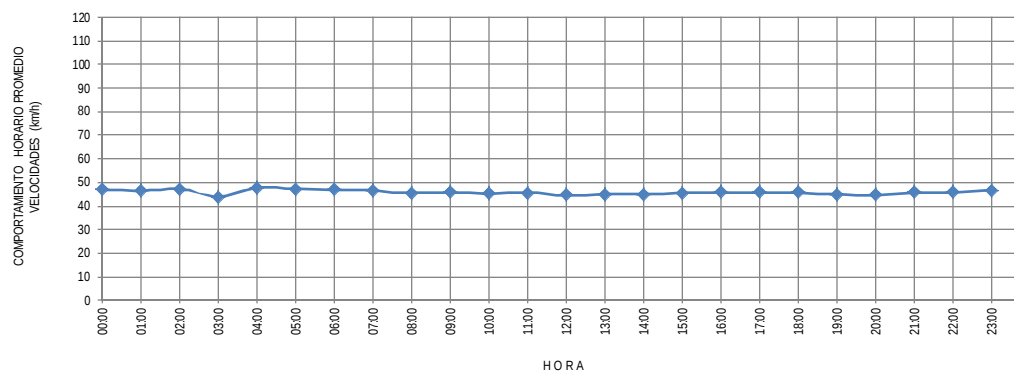
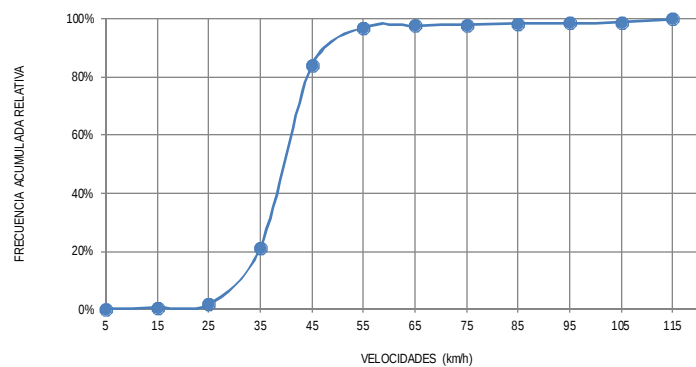
CLAVE: 11810

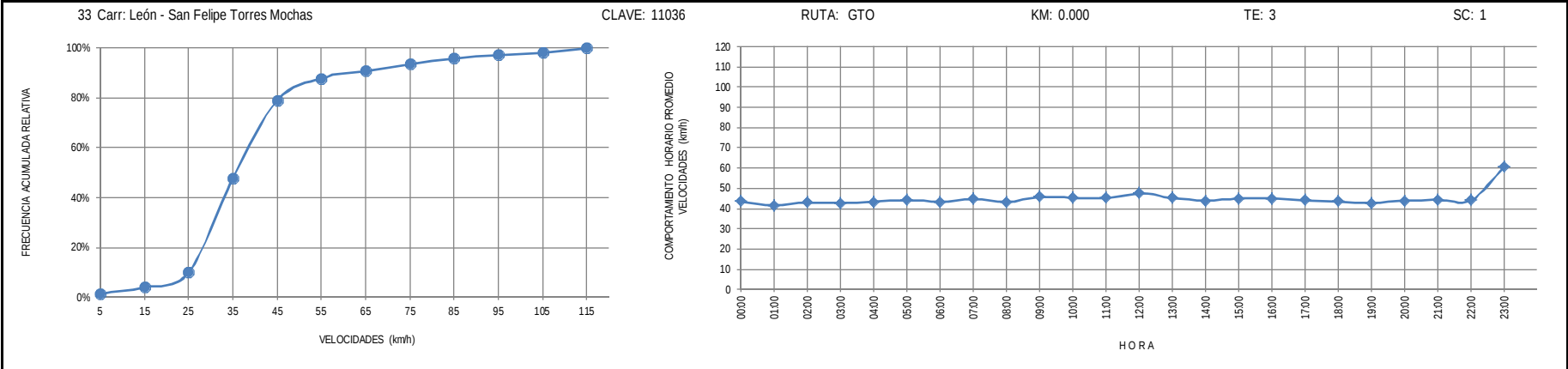
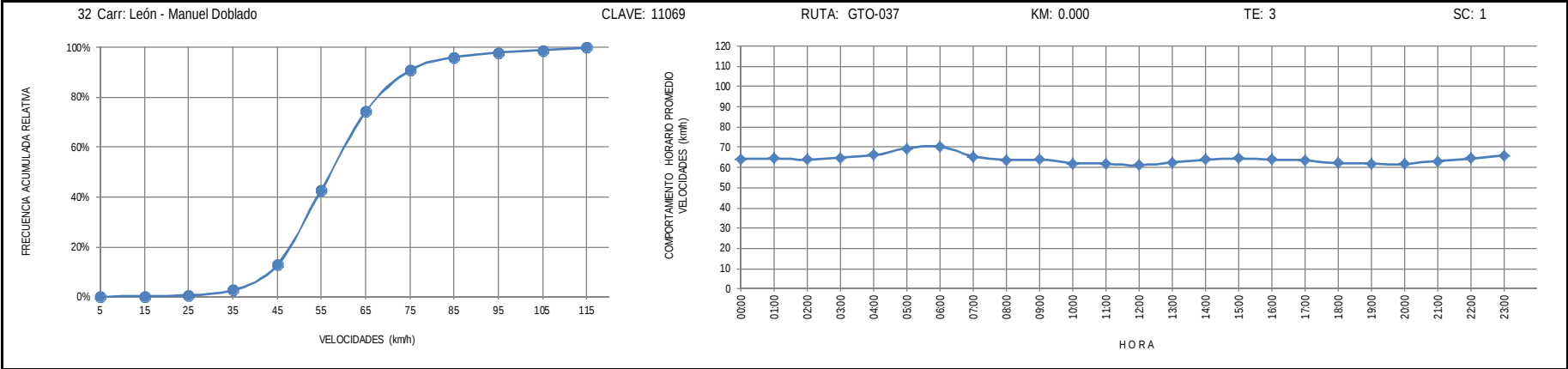
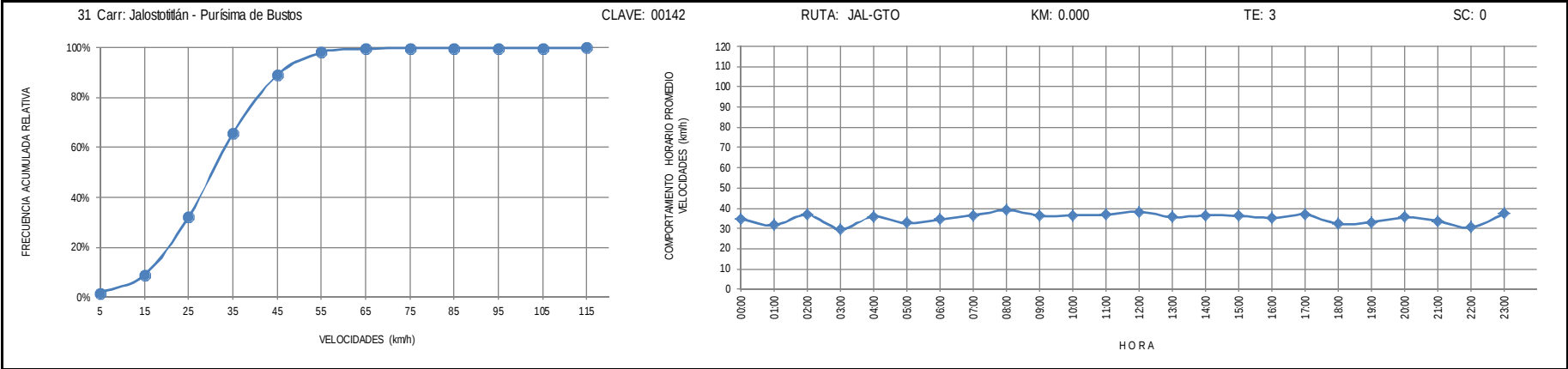
ruta: GTO

KM: 0.000

TE: 3

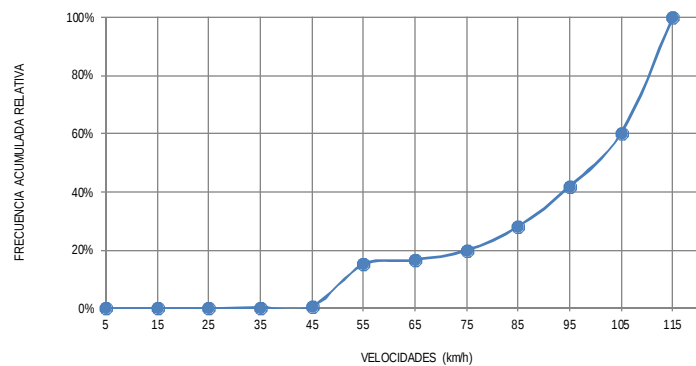
SC: 1





34 Carr: Libramiento de Abasolo

CLAVE: 11011

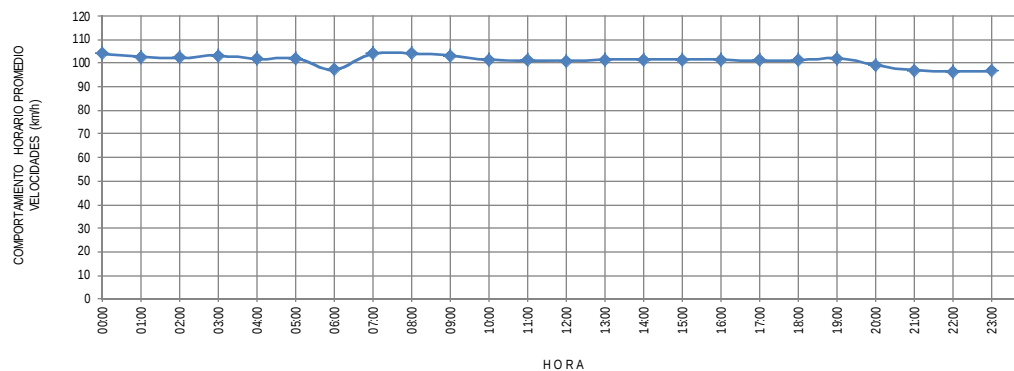


RUTA: GTO

KM: 0.000

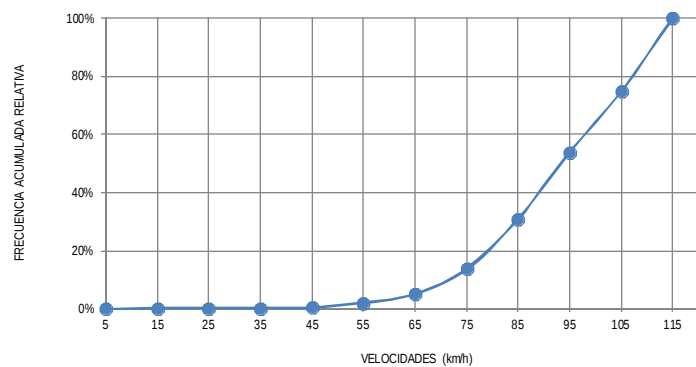
TE: 3

SC: 1



35 Carr: Libramiento de Salamanca

CLAVE: 11002

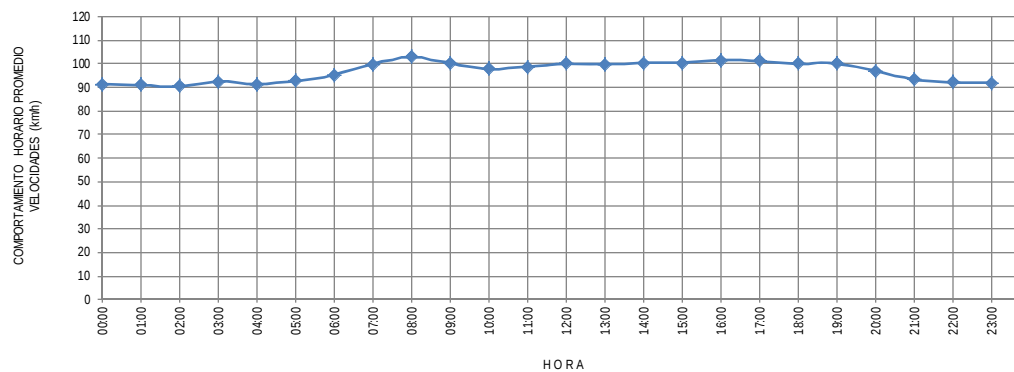


RUTA: GTO

KM: 0.000

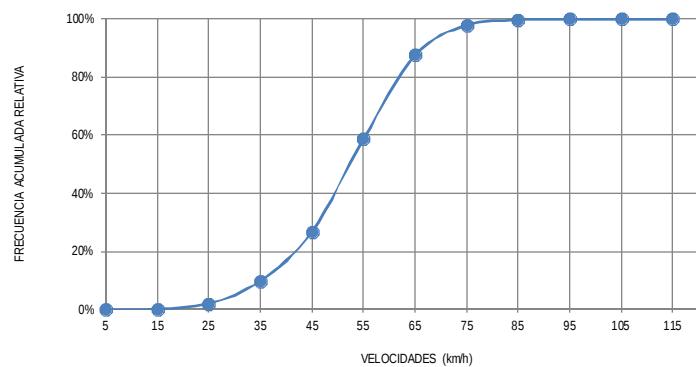
TE: 3

SC: 1



36 Carr: Libramiento de Salvatierra

CLAVE: 11012

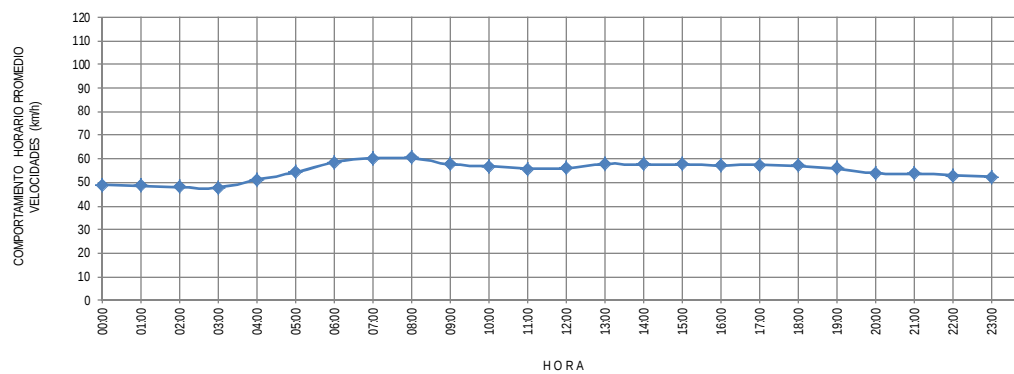


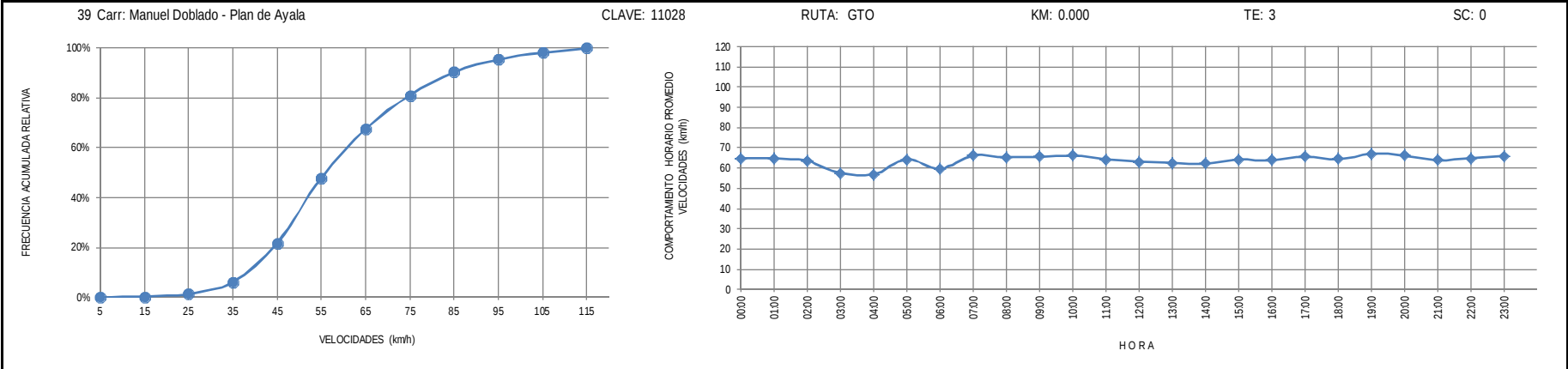
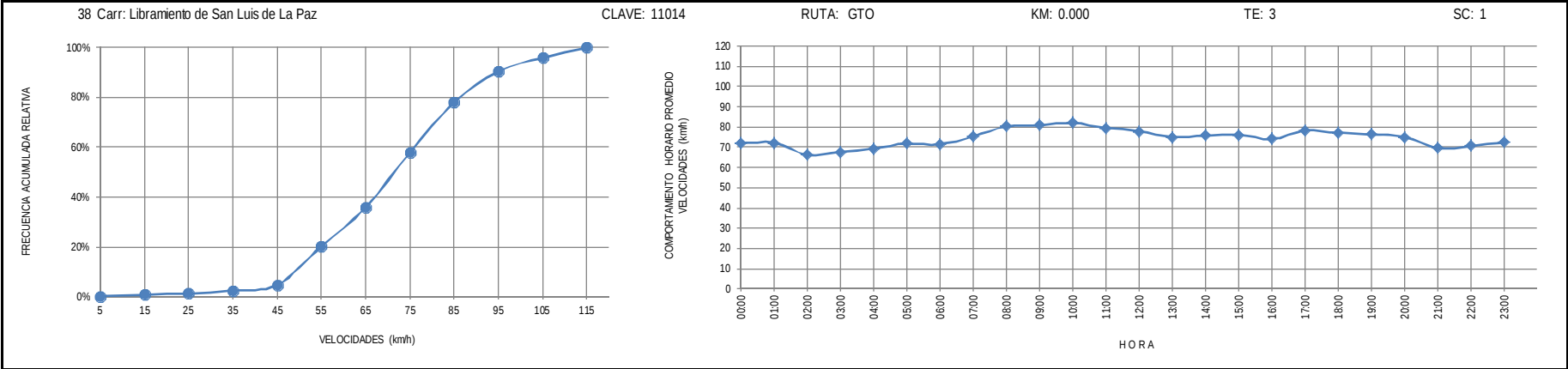
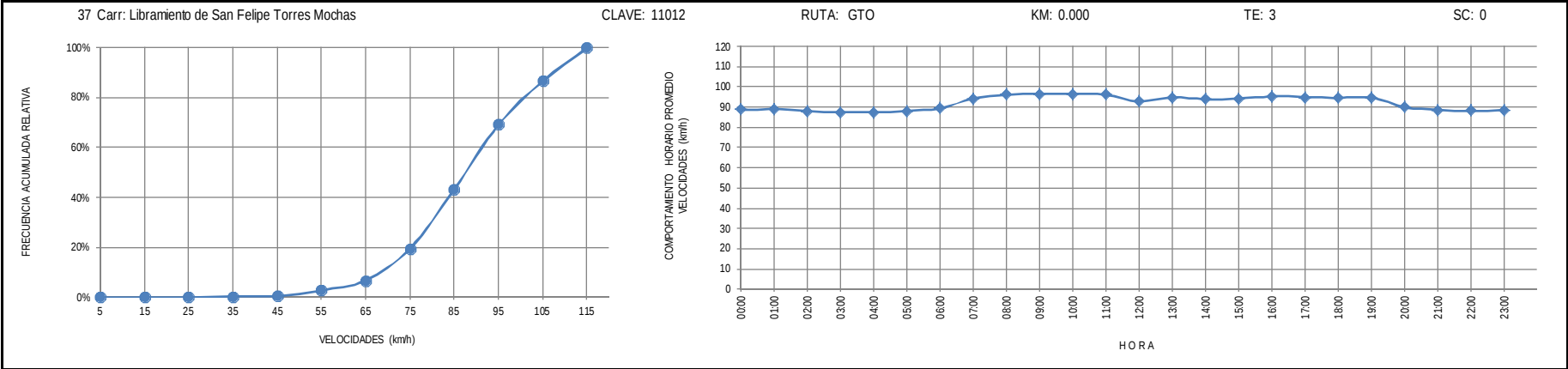
RUTA: GTO

KM: 2.500

TE: 3

SC: 1





40 Carr: Nuevo Libramiento de León

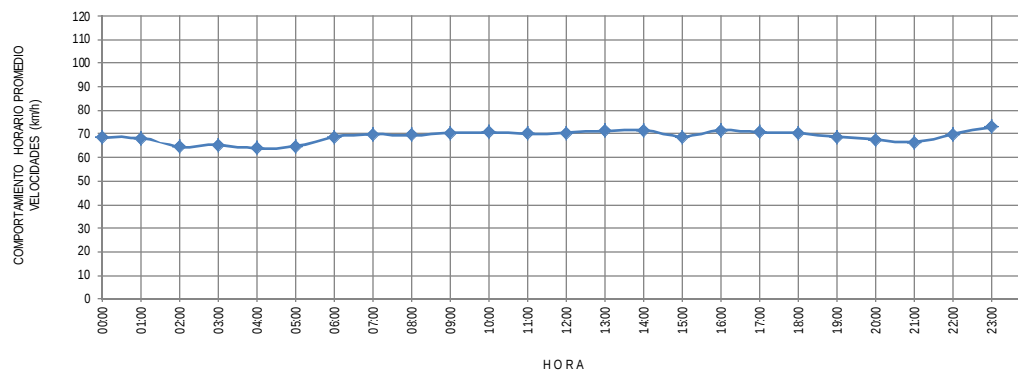
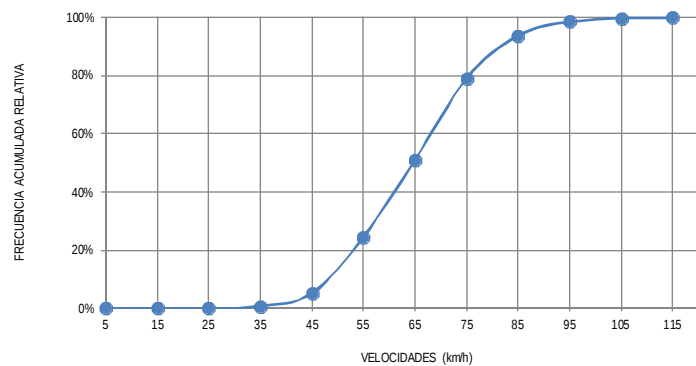
CLAVE: 11133

ruta: GTO

KM: 0.000

TE: 3

SC: 1



41 Carr: Ramal a San Diego de La Unión

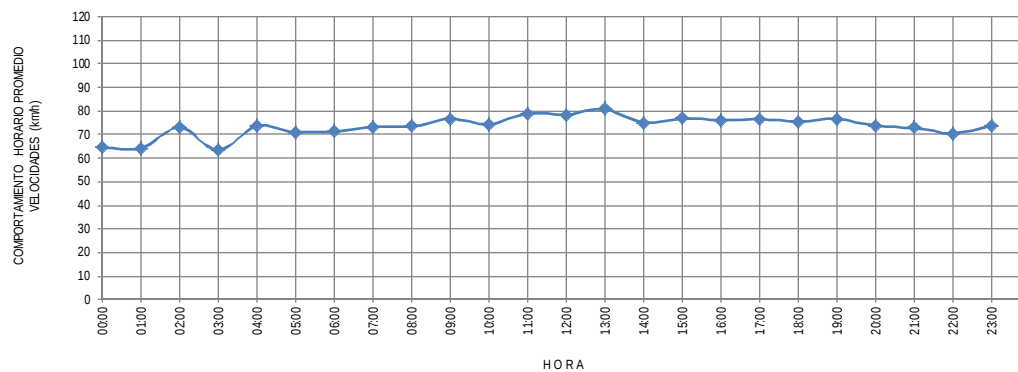
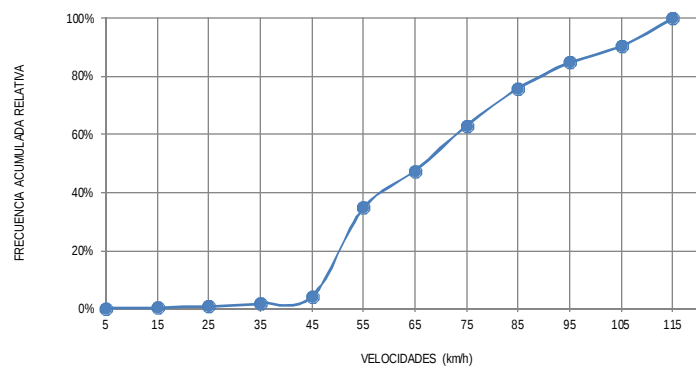
CLAVE: 11818

ruta: GTO

KM: 0.000

TE: 3

SC: 0



42 Carr: Romita - El Saucillo

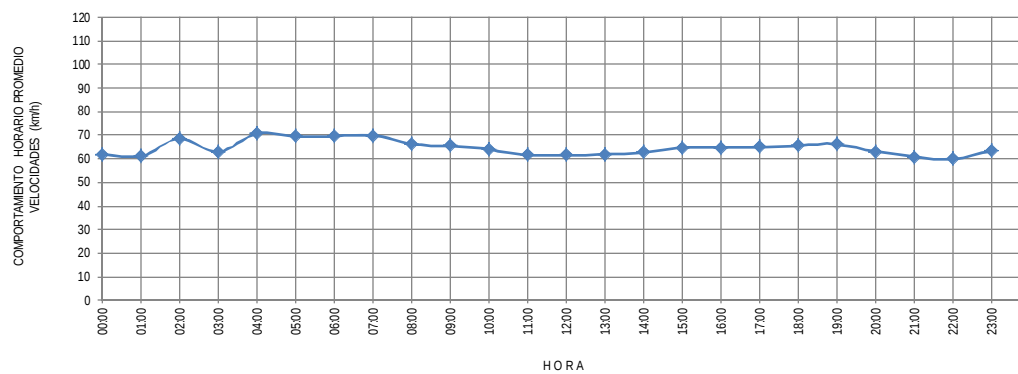
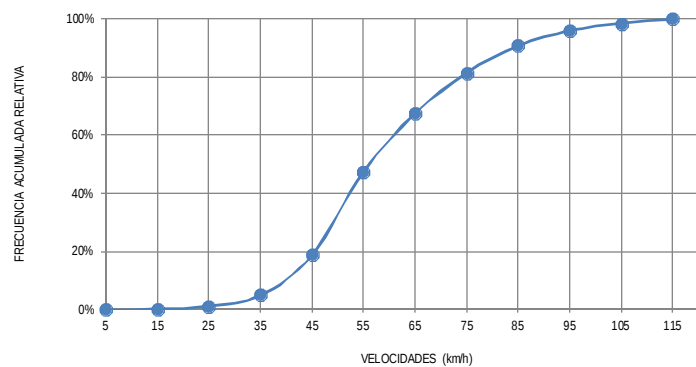
CLAVE: 11201

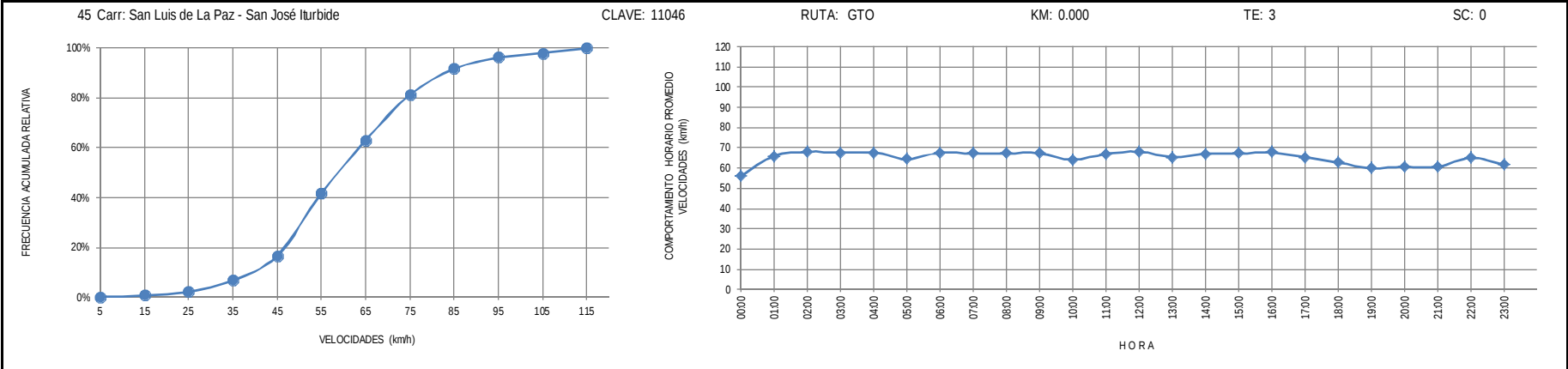
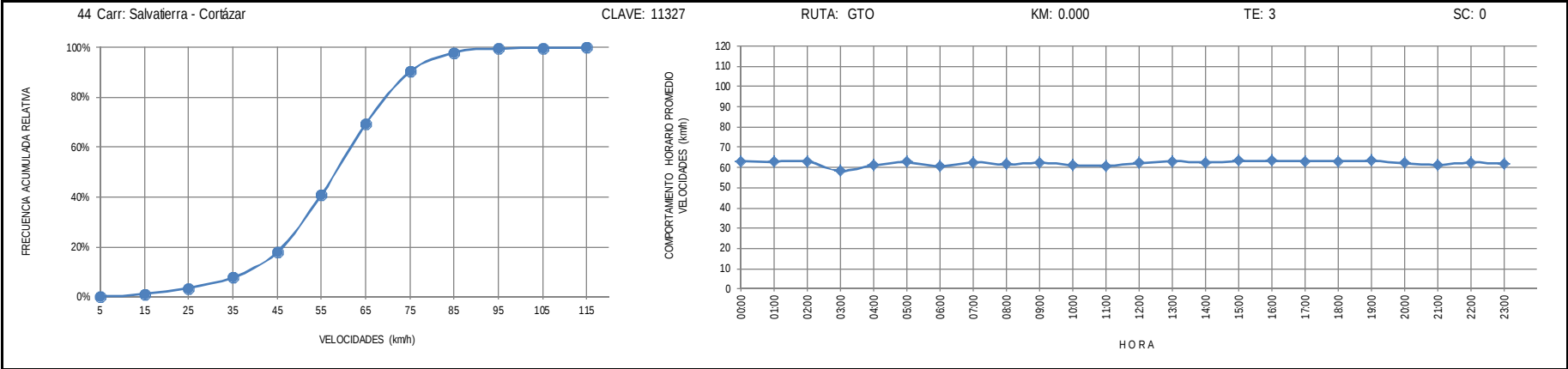
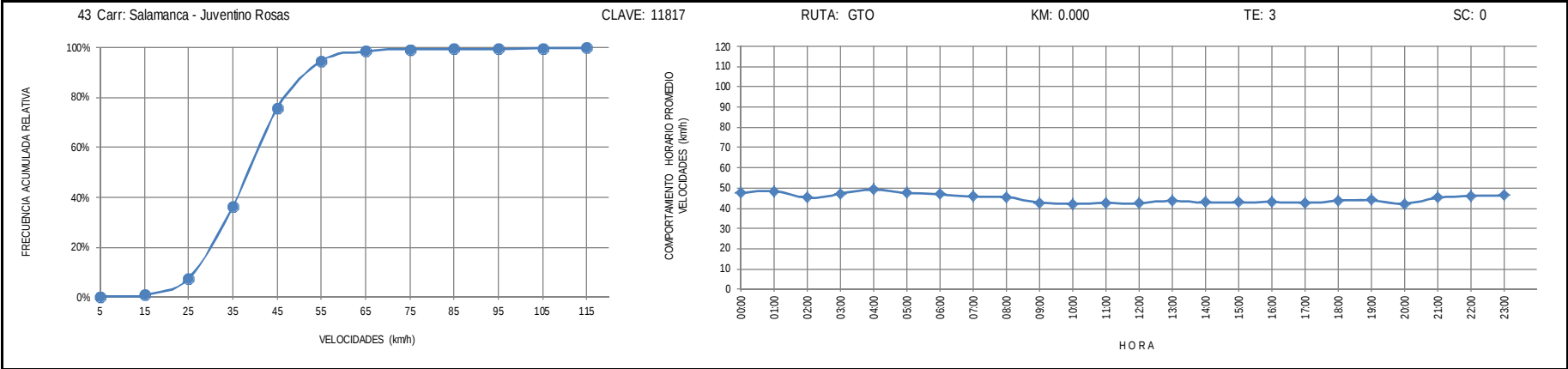
ruta: GTO

KM: 35.500

TE: 1

SC: 0





46 Carr: Silao - La Romita

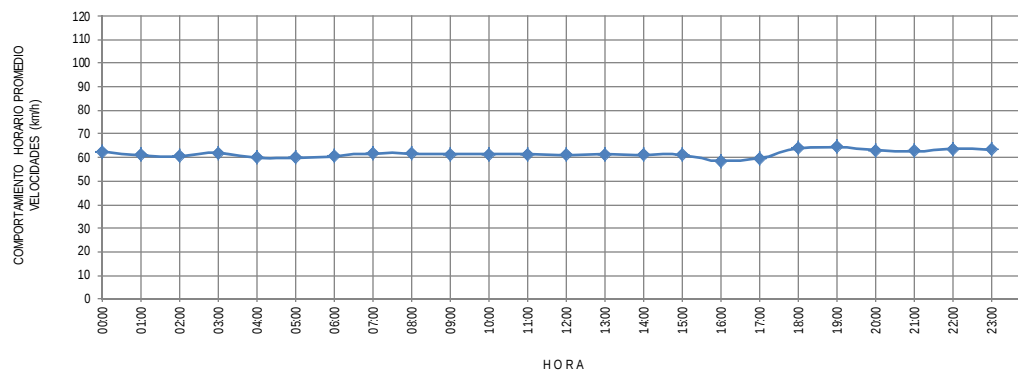
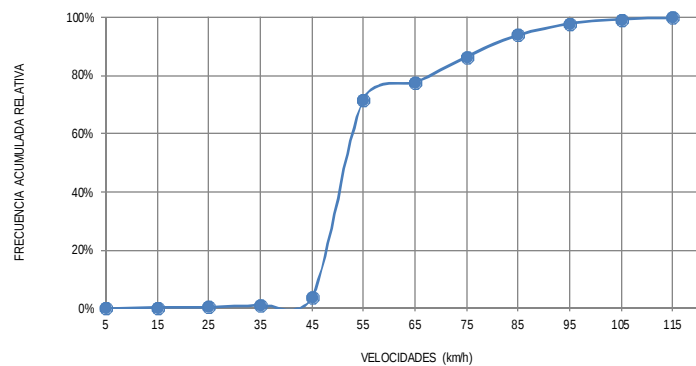
CLAVE: 11029

ruta: GTO

KM: 0.000

TE: 3

SC: 1



47 Carr: Silao - Los Arrastres

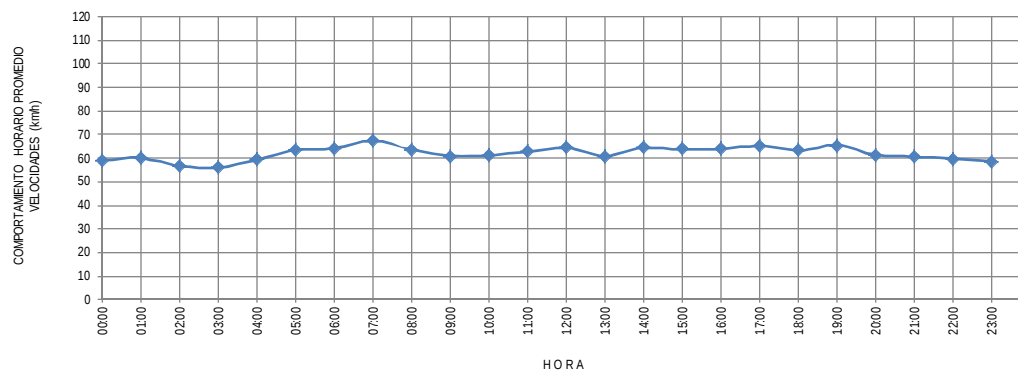
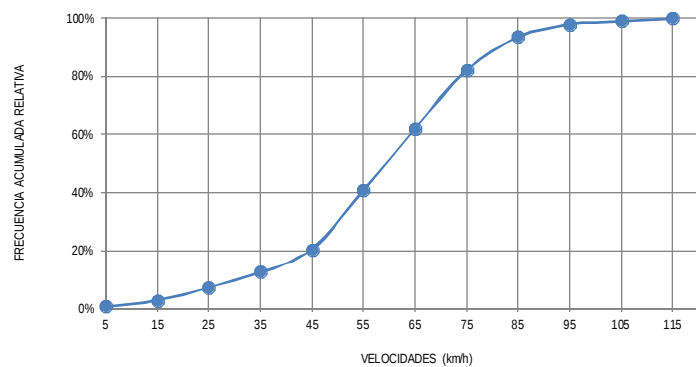
CLAVE: 11029

ruta: GTO

KM: 0.000

TE: 3

SC: 0



48 Carr: T. C. (Villa del Pueblito - Huimilpan) - Coroneo

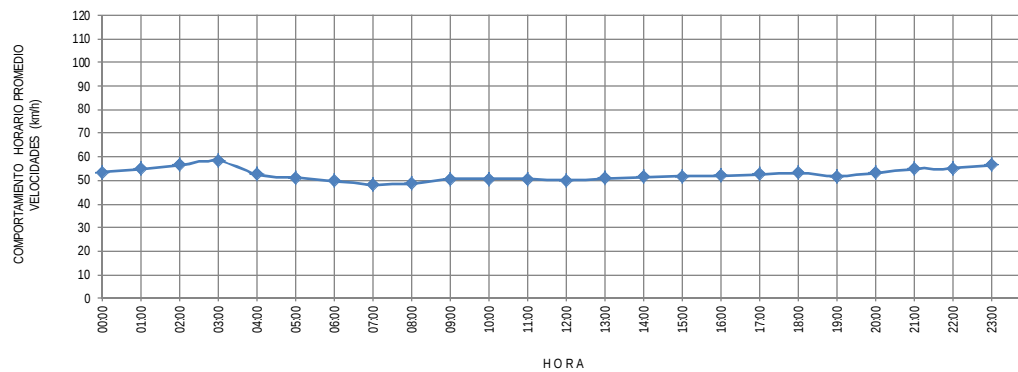
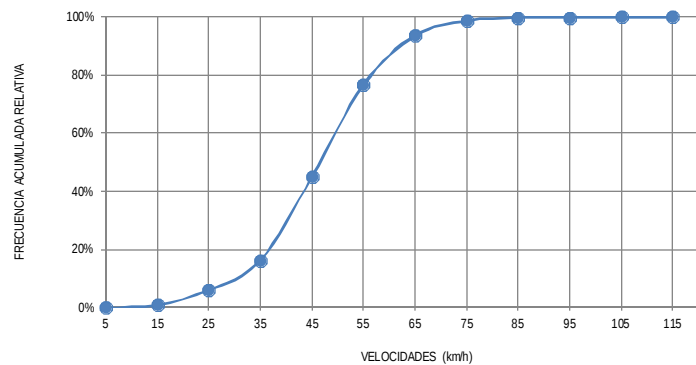
CLAVE: 00155

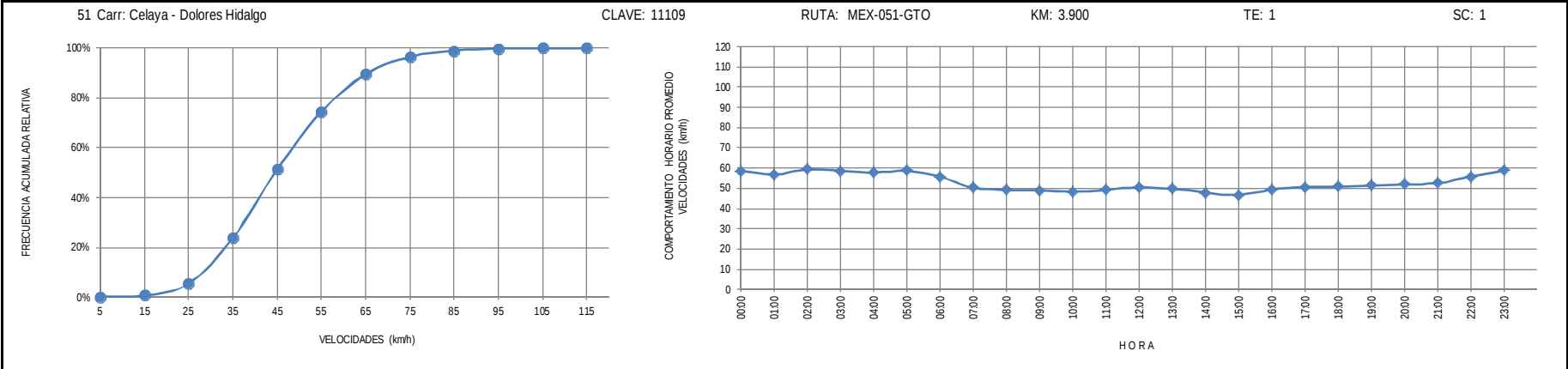
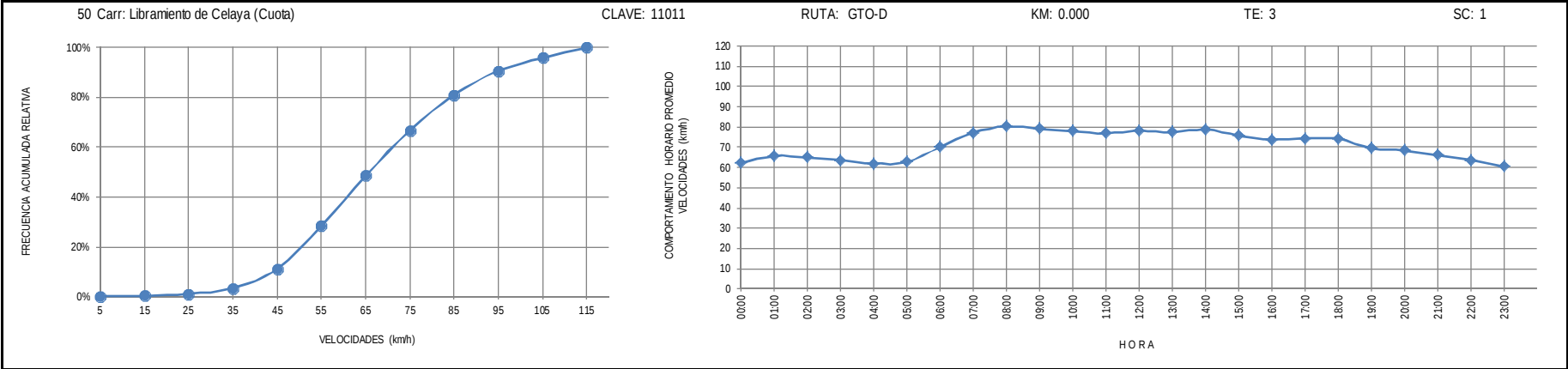
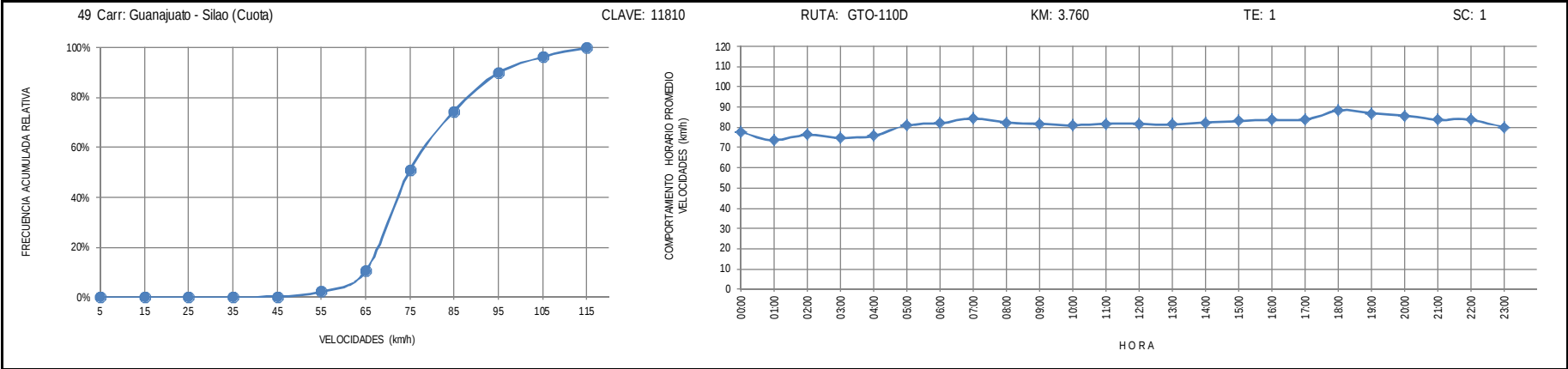
ruta: QRO-GTO

KM: 0.000

TE: 3

SC: 0





52 Carr: Cortázar - Valle de Santiago

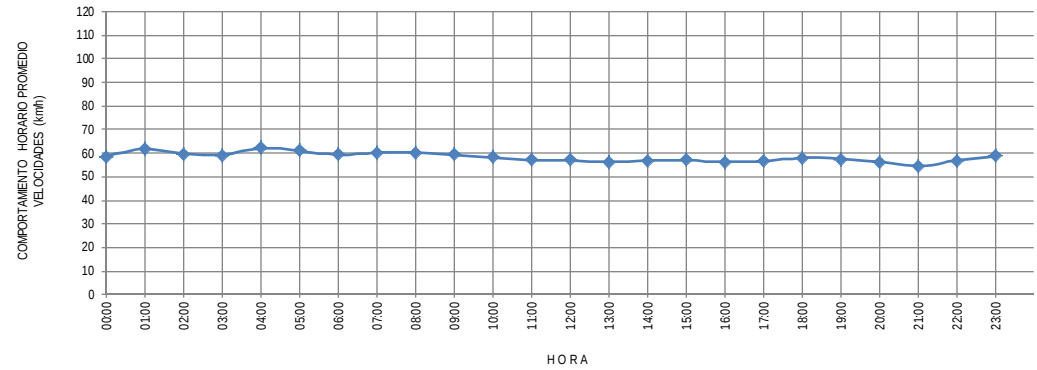
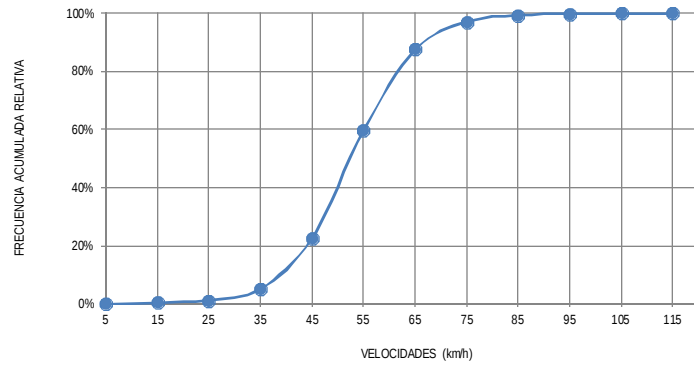
CLAVE: 11016

ruta: MEX-GTO-017

KM: 0.000

TE: 3

SC: 0



53 Carr: Guanajuato - Los Infantes

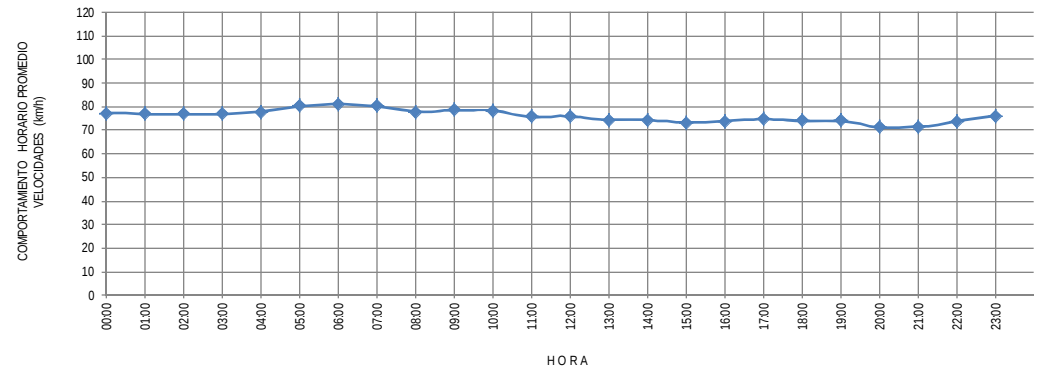
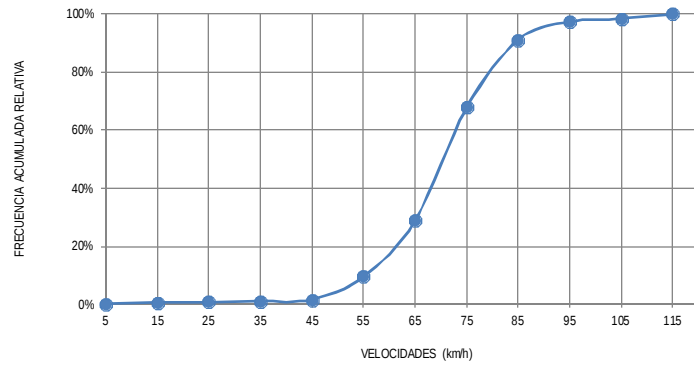
CLAVE: 11067

ruta: MEX-110-GTO

KM: 0.000

TE: 3

SC: 1



54 Carr: Tepatlán - Las Adjuntas

CLAVE: 00141

ruta: JAL/MEX-084

KM: 0.000

TE: 3

SC: 1

