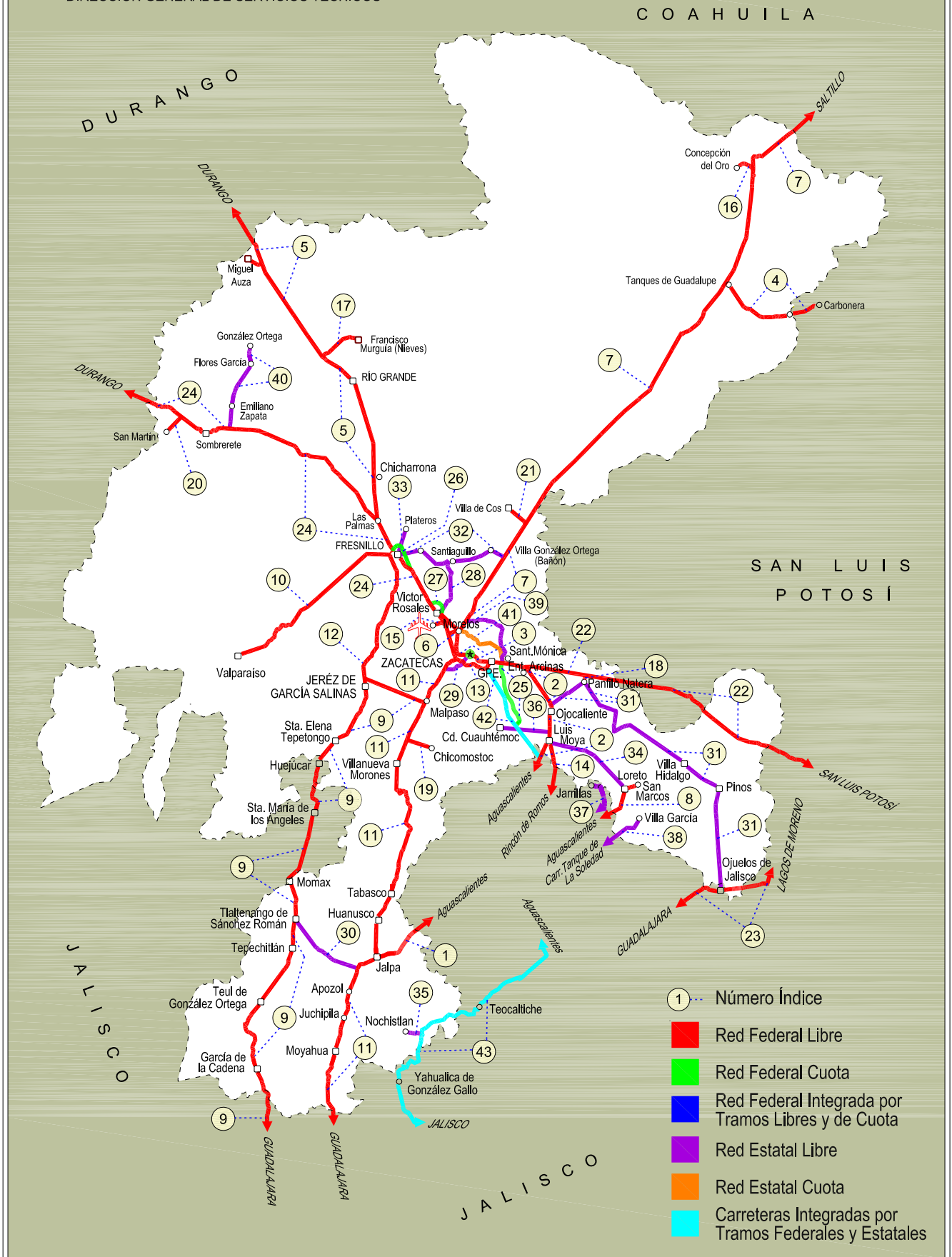


ZACATECAS

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

32 ZACATECAS

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



ZACATECAS

1 C A R R : Aguascalientes - Jalpa

CLAVE: 00095

RUTA: MEX-070

AÑO: 2013

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
Aguascalientes	0.00	3	1	8836	71.3	82.2	102.7	12.3	70.0	84.4	105.9	14.7	66.3	80.5	103.3	13.4	21.875772	-102.341030
Aguascalientes	0.00	3	2	8911	67.4	75.4	91.3	10.3	59.0	65.0	83.0	9.9	58.5	64.6	81.4	9.3	21.875663	-102.341077
T. Der. Jesús María	7.30	1	1	8539	48.7	52.7	65.4	8.5	45.4	51.0	55.0	7.1	47.0	52.3	60.1	8.2	21.881046	-102.361308
T. Der. Jesús María	7.30	1	2	8558	58.7	64.2	83.7	9.3	54.8	60.6	73.2	7.0	55.1	60.7	74.0	6.9	21.880927	-102.361327
T. Izq. Villa Hidalgo	7.80	3	1	6006	49.3	56.0	70.9	9.4	47.7	53.2	62.8	7.9	47.8	52.9	61.7	8.4	21.883764	-102.371114
T. Izq. Villa Hidalgo	7.80	3	2	5768	41.9	44.3	54.5	6.6	39.1	48.7	54.3	8.4	41.7	50.9	54.7	10.2	21.883620	-102.371029
Libramiento Poniente de Aguascalientes	11.00	1	1	5344	49.4	56.0	70.8	9.4	47.8	53.1	62.8	7.8	47.5	52.9	62.0	8.5	21.889656	-102.393518
Libramiento Poniente de Aguascalientes	11.00	1	2	5363	41.9	44.2	54.5	6.6	39.0	48.8	54.4	8.5	40.9	50.4	54.6	9.8	21.889727	-102.393287
Libramiento Poniente de Aguascalientes	11.00	3	1	5323	47.6	52.3	61.9	7.3	45.3	50.9	54.8	7.0	47.3	52.5	60.7	8.4	21.892362	-102.403216
Libramiento Poniente de Aguascalientes	11.00	3	2	5213	58.0	63.9	78.1	8.4	54.7	60.2	72.8	6.8	55.4	60.4	74.0	6.5	21.892279	-102.403334
T. Der. Gracias a Dios	20.00	3	0	7823	45.7	52.0	67.8	7.8	43.4	51.3	60.5	9.3	45.2	52.1	58.2	9.4	21.887354	-102.464332
T. Izq. Malpaso	45.10	1	0	6106	86.1	102.5	122.3	16.0	76.0	94.4	113.1	18.0	75.7	96.4	119.5	19.5	21.881887	-102.659053
T. Der. Presa La Codorniz	49.30	3	1	8407	65.3	74.0	88.5	9.9	62.4	70.0	82.1	8.8	62.4	72.9	89.8	11.9	21.863970	-102.692161
T. Der. Presa La Codorniz	49.30	3	2	8824	56.1	63.2	74.4	8.9	49.7	55.8	65.1	9.6	50.8	56.6	69.0	9.3	21.863789	-102.692161
Calvillo	52.30	3	1	4636	35.2	42.7	54.8	9.1	38.4	46.8	53.9	9.1	36.9	46.1	54.0	9.5	21.839173	-102.739999
Calvillo	52.30	3	2	4706	35.3	42.7	54.8	9.1	38.2	46.6	53.9	9.2	36.4	44.7	53.9	9.3	21.839030	-102.739876
T. Der. Jaltiche de Abajo	63.80	3	0	5001	66.1	79.7	98.9	13.8	61.5	72.0	84.9	10.9	59.8	72.3	92.9	12.8	21.771414	-102.804232
Lim. Edos. Term. Ags. Ppia. Zac.	65.66																	
T. C. Guadalajara - Zacatecas	91.10	1	0	4690	65.8	79.4	98.6	13.8	61.6	72.1	84.8	11.0	59.5	71.9	91.3	12.7	21.649926	-102.968377

2 C A R R : Aguascalientes - Zacatecas

CLAVE: 00524

RUTA: MEX-045

AÑO: 2013

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
Aguascalientes	0.00																	
T. Izq. Pocitos	6.00	1	1	18552	57.4	63.6	74.8	8.9	52.9	60.7	73.7	9.5	51.9	61.2	76.0	11.0	21.903527	-102.292357
T. Izq. Pocitos	6.00	1	2	18591	57.4	63.6	74.8	8.9	52.9	60.7	73.5	9.5	52.2	61.1	75.3	10.6	21.903386	-102.292673
T. Der. Loreto	9.83	3	1	20661	87.3	100.6	121.8	14.0	63.3	73.2	92.6	11.8	59.0	66.5	85.2	10.0	21.971005	-102.289381
T. Der. Loreto	9.83	3	2	21667	88.7	101.2	122.2	13.4	83.3	96.2	114.5	13.7	79.4	93.3	115.0	14.6	21.970926	-102.289713
Santa Fé	16.00	1	1	22516	93.9	107.1	126.4	13.6	92.6	103.1	121.3	12.4	86.8	98.2	120.0	12.6	22.013893	-102.286526
Santa Fé	16.00	1	2	22655	94.0	106.5	123.7	13.5	90.9	102.3	117.9	13.3	85.9	97.7	114.8	12.8	22.014216	-102.286753
Santa Fé	16.00	3	1	22240	100.3	112.1	133.1	13.0	98.0	111.1	128.6	13.8	95.4	107.8	130.7	13.5	22.026277	-102.283446
Santa Fé	16.00	3	2	24458	94.9	105.4	122.5	11.9	90.5	101.6	114.9	12.4	87.3	97.5	114.2	11.6	22.027459	-102.283392
La Concepción	18.00	3	1	20823	92.3	110.8	138.1	18.7	124.8	142.0	144.6	21.9	108.7	139.9	144.3	27.5	22.034978	-102.281216
La Concepción	18.00	3	2	20454	90.9	104.8	124.9	15.0	91.6	104.5	141.7	16.9	85.3	100.1	139.5	15.8	22.035102	-102.281481

ZACATECAS

2 C A R R : Aguascalientes - Zacatecas

CLAVE: 00524

RUTA: MEX-045

AÑO : 2013

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 Francisco de Los Romo	22.73	1	1	5899	52.4	59.6	72.7	9.0	53.3	59.8	70.5	7.9	52.6	61.0	73.2	9.9	22.072097	-102.274127
San Francisco de Los Romo	22.73	1	2	5858	50.3	59.9	74.4	11.2	52.2	60.2	72.9	9.6	50.4	60.3	74.6	11.7	22.072113	-102.274289
T. Der. Estación Pabellón	31.00	1	1	13163	97.7	113.8	134.0	16.0	92.9	102.8	123.7	12.1	89.9	101.4	124.7	13.2	22.136382	-102.288272
T. Der. Estación Pabellón	31.00	1	2	13171	99.2	117.6	138.2	17.8	95.4	104.8	128.3	12.6	92.2	104.4	129.9	14.4	22.136436	-102.288454
T. Der. Estación Pabellón	31.00	3	1	11459	96.9	110.9	134.3	14.3	99.0	114.5	142.3	16.1	94.5	108.4	140.2	14.7	22.152225	-102.295109
T. Der. Estación Pabellón	31.00	3	2	11835	96.9	110.8	133.9	14.2	98.8	113.2	142.0	15.5	94.3	107.9	140.2	14.6	22.152307	-102.295282
Rincón de Romos	40.90	3	0	5689	66.4	78.6	103.9	12.9	67.4	87.5	104.0	15.7	69.7	92.6	119.7	18.9	22.237262	-102.317816
La Punta	51.00	1	1	6342	113.8	133.1	143.4	16.8	101.7	113.8	138.7	14.1	102.5	113.7	138.4	13.0	22.314296	-102.296661
La Punta	51.00	1	2	6451	108.2	131.9	143.3	20.8	102.7	122.0	142.6	17.5	100.9	115.6	141.8	16.0	22.314209	-102.296781
Cosío	56.00	3	1	6054	70.9	83.7	104.2	13.8	65.0	78.4	93.6	13.4	58.2	66.5	87.0	8.9	22.370579	-102.298001
Cosío	56.00	3	2	5707	62.8	74.1	94.1	12.9	58.6	70.0	84.1	12.4	52.4	56.1	74.6	8.9	22.370907	-102.298193
Lim. Edos. Term. Ags. Ppia. Zac.	62.67																	
Luis Moya	65.80	1	0	3989	38.7	44.1	56.0	8.3	35.7	41.9	53.2	7.1	35.2	44.3	54.4	8.4	22.428728	-102.249770
Luis Moya	65.80	3	0	5551	76.1	86.1	103.4	11.4	74.4	83.3	94.5	10.2	72.0	81.6	96.5	11.2	22.450455	-102.255438
T. Der. San Luis Potosí	100.00	1	0	5777	93.8	112.1	137.8	17.0	87.5	107.0	134.0	18.2	84.0	103.6	133.6	18.4	22.713110	-102.326166
T. Der. San Luis Potosí	100.00	3	1	5969	77.4	88.0	103.4	11.7	69.6	79.4	92.9	11.1	63.6	73.3	90.1	11.2	22.729153	-102.337325
T. Der. San Luis Potosí	100.00	3	2	5954	80.8	88.7	101.5	9.8	73.5	79.9	94.0	8.2	66.9	74.0	90.3	9.2	22.729263	-102.337698
T. Izq. Aguascalientes (Cuota)	113.50	1	1	9351	98.3	113.5	133.5	15.8	94.8	105.7	124.1	12.5	89.0	100.1	121.5	12.8	22.751321	-102.447443
T. Izq. Aguascalientes (Cuota)	113.50	1	2	9587	99.3	113.3	139.3	14.7	121.1	140.2	144.4	19.3	110.3	136.7	143.9	22.0	22.751178	-102.445634
T. Izq. Libramiento de Guadalupe y Zacatecas	118.20	1	1	17550	77.3	91.9	113.3	14.8	89.7	123.3	142.9	23.2	78.4	98.5	140.9	19.5	22.750713	-102.492215
T. Izq. Libramiento de Guadalupe y Zacatecas	118.20	1	2	16758	83.4	104.6	143.0	20.3	115.1	141.5	144.5	30.1	92.0	138.1	144.1	31.2	22.750629	-102.492544
Zacatecas	126.84																	

3 C A R R : Blvd. Guadalupe - Zacatecas - La Escondida

CLAVE: 00544

RUTA: MEX-045

AÑO : 2013

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. Lib. Guadalupe - Zacatecas (Baja)	0.00	3	1	1048	21.5	23.8	34.1	6.2	23.2	24.4	53.3	8.9	22.7	26.3	53.2	9.7	22.752633	-102.500862
T. Izq. Lib. Guadalupe - Zacatecas (Alta)	0.00	3	1	20472	72.7	87.7	104.6	14.7	66.9	83.5	101.9	15.7	62.4	79.4	101.6	16.2	22.752578	-102.501179
T. Izq. Lib. Guadalupe - Zacatecas (Baja)	0.00	3	2	1062	34.2	40.1	52.6	7.2	42.2	50.4	54.4	9.1	39.3	48.1	54.2	9.3	22.753262	-102.503163
T. Izq. Lib. Guadalupe - Zacatecas (Alta)	0.00	3	2	22409	90.9	103.8	124.2	14.0	90.9	104.8	131.2	15.2	87.2	104.3	132.2	17.3	22.753203	-102.502713
X. Av. Universidad	7.70	1	1	43207	76.4	84.4	98.0	10.4	67.2	77.0	90.9	10.7	64.8	75.7	93.7	11.6	22.765656	-102.559972
X. Av. Universidad	7.70	1	2	43520	85.1	92.4	111.0	8.8	83.4	92.8	107.0	10.6	81.9	93.6	115.3	13.4	22.765446	-102.559832
T. C. Zacatecas - Durango	14.50	1	1	17166	84.1	93.1	109.1	10.7	77.2	85.7	101.5	10.8	76.0	88.7	105.0	13.7	22.775972	-102.619417
T. C. Zacatecas - Durango	14.50	1	2	16463	71.3	75.9	86.7	8.2	63.8	69.4	82.3	7.3	63.3	69.5	84.8	8.4	22.775917	-102.619333

ZACATECAS

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

CLAVE: 00218

ruta: MEX-062

AÑO : 2013

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
Carbonera	0.00	3	0	2644	81.8	97.6	117.9	16.2	75.5	90.9	123.0	15.4	71.9	89.1	115.5	16.7	23.703306	-100.627139
Cedral	18.00	1	0	3814	66.9	78.3	100.1	12.6	62.4	73.5	94.4	11.6	62.4	72.6	96.0	10.9	23.828806	-100.737639
Cedral	18.00	3	0	3262	75.2	86.1	103.6	12.0	75.8	90.3	139.4	16.3	73.0	89.8	137.8	17.3	23.809611	-100.710694
Lim. Edos. Term. S. L. P. Ppia. Zac.	79.20																	
T. C. Ent. Morelos - Saltillo	112.00	1	0	1120	46.7	55.4	71.7	10.8	45.9	54.0	63.7	10.0	44.4	53.0	63.8	10.2	24.157525	-101.494080

5 C A R R : Ent. La Chicharrona - Cuencamé

CLAVE: 00152

ruta: MEX-049

AÑO : 2013

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. La Chicharrona	0.00	3	1	4199	87.9	102.7	123.1	15.4	85.4	99.2	136.1	15.4	77.1	88.6	114.9	13.5	23.307696	-102.958864
Ent. La Chicharrona	0.00	3	2	4015	87.1	102.3	122.8	15.6	85.2	99.0	135.5	15.4	77.5	89.3	120.1	13.9	23.307699	-102.958927
T. Der. Cañitas de Felipe Pescador	25.86	1	1	3633	70.3	83.4	103.0	14.0	67.9	81.3	100.8	13.8	59.1	69.0	92.9	10.1	23.524219	-102.959706
T. Der. Cañitas de Felipe Pescador	25.86	1	2	3837	70.4	83.8	103.9	14.4	67.6	81.2	101.4	14.0	58.8	67.9	92.5	9.8	23.524220	-102.959821
Río Grande	60.00	1	0	6284	83.8	96.6	115.9	13.4	81.4	92.2	106.2	12.4	75.9	84.4	104.6	11.1	23.790686	-103.016103
Río Grande	60.00	3	0	7282	66.5	80.2	99.4	13.9	63.6	76.9	97.5	13.9	55.4	61.3	86.1	8.1	23.873090	-103.087038
T. Der. Nieves	78.00	3	0	5446	112.6	128.0	142.5	14.9	100.5	110.8	129.4	12.5	98.4	107.0	125.2	11.5	23.925271	-103.161016
X. C. Juan Aldama - Miguel Auza	124.50	1	0	6025	88.2	103.6	124.3	16.0	84.6	94.9	109.1	12.4	78.0	90.6	108.9	13.8	24.266180	-103.397572
X. C. Juan Aldama - Miguel Auza	124.50	3	0	7194	84.2	98.1	113.6	14.5	80.5	87.7	99.5	9.6	78.5	83.9	94.1	8.5	24.287540	-103.406456
Lim. Edos. Term. Zac. Ppia. Dgo.	134.30																	
T. Der. Santa Clara	144.00	1	0	4747	96.4	111.7	132.0	15.0	87.8	97.2	111.6	11.8	80.6	88.9	106.8	10.6	24.432872	-103.484157
T. Der. Santa Clara	144.00	3	0	4220	76.3	94.6	124.3	16.9	65.6	80.3	104.9	14.1	57.6	72.5	102.4	15.0	24.442276	-103.490350
Cuencamé	199.10	1	0	4525	96.5	115.6	137.3	18.1	90.8	100.7	118.0	12.4	85.5	94.4	113.5	11.5	24.833103	-103.686467

6 C A R R : Ent. Morelos - Ent. Noria de Gringos

CLAVE: 00544

ruta: MEX-045

AÑO : 2013

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. Morelos	0.00																	
T. Der. Lib. Noreste de Zacatecas	0.50	1	1	3192	76.4	87.7	116.6	13.5	86.7	122.9	143.0	25.7	75.9	103.1	140.6	21.7	22.861574	-102.627076
T. Der. Lib. Noreste de Zacatecas	0.50	1	2	3161	75.2	83.5	99.6	10.2	73.4	83.1	136.7	14.4	68.1	78.3	115.8	13.1	22.862080	-102.627326
T. Der. Lib. Noreste de Zacatecas	0.50	3	0	5621	81.6	94.3	113.4	14.1	77.5	91.0	105.0	13.9	73.0	86.2	110.4	14.6	22.859258	-102.634238
Ent. Noria de Gringos	2.20																	

ZACATECAS

7 C A R R : Ent. Morelos - Saltillo

CLAVE: 00149

RUTA: MEX-054

AÑO : 2013

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. Zacatecas - Durango	0.00	3	1	2943	85.3	96.9	114.1	12.5	80.1	91.8	105.5	13.1	78.7	91.1	113.3	13.8	22.868947	-102.619545
T. C. Zacatecas - Durango	0.00	3	2	3048	93.2	107.6	128.3	14.7	85.7	99.0	118.6	14.4	84.2	98.2	122.9	14.8	22.869005	-102.619583
T. Der. Sta. Mónica	11.00	1	1	2922	105.7	123.0	141.2	15.8	100.3	114.8	138.2	15.3	100.2	110.0	136.0	12.2	22.937567	-102.570011
T. Der. Sta. Mónica	11.00	1	2	2999	105.2	122.7	141.0	15.9	100.1	114.8	138.7	15.4	98.7	109.4	135.6	13.2	22.937578	-102.570123
T. Der. Sta. Mónica	11.00	3	1	2486	91.7	106.7	125.2	15.5	84.2	93.8	115.3	12.5	81.6	90.2	109.8	11.2	22.950436	-102.559172
T. Der. Sta. Mónica	11.00	3	2	2531	102.0	117.6	137.0	15.6	93.0	107.4	132.1	15.8	85.4	101.7	127.7	16.8	22.950500	-102.559200
T. Izq. Villa de Cos	53.90	1	1	2785	98.1	112.2	129.7	14.5	86.3	93.4	106.7	9.2	85.5	91.5	102.9	7.7	23.262868	-102.334723
T. Izq. Villa de Cos	53.90	1	2	2550	106.1	124.2	141.8	17.0	97.5	113.0	133.6	15.7	95.6	105.4	132.0	12.2	23.262968	-102.334801
T. Izq. Villa de Cos	53.90	3	1	2444	97.2	116.0	136.5	18.1	92.7	103.8	123.9	12.5	84.3	93.2	115.0	11.4	23.282256	-102.320708
T. Izq. Villa de Cos	53.90	3	2	2477	97.5	116.5	137.0	18.1	92.6	103.8	123.8	12.7	84.1	92.7	114.2	11.2	23.282341	-102.320750
Sierra Vieja	85.50	3	1	1582	110.4	127.9	142.4	17.0	99.2	118.8	141.6	18.1	91.2	104.3	137.5	15.1	23.504516	-102.122897
Sierra Vieja	85.50	3	2	1587	109.0	127.0	142.3	17.6	99.0	118.0	141.3	17.6	90.1	104.3	137.6	15.9	23.504530	-102.122991
T. Der. Majoma	144.50	3	1	1497	93.7	105.5	121.7	13.5	82.2	91.3	103.1	11.0	80.9	88.4	97.2	10.0	23.879410	-101.734633
T. Der. Majoma	144.50	3	2	1505	113.3	129.6	142.7	15.8	98.9	112.3	133.0	14.1	92.4	103.3	127.5	13.2	23.879479	-101.734751
T. Der. San Tiburcio	185.25	1	1	1476	96.8	112.2	131.3	16.6	83.5	94.2	109.3	15.5	85.1	93.2	104.7	10.6	24.157452	-101.495686
T. Der. San Tiburcio	185.25	1	2	1477	97.3	112.3	131.3	16.4	84.0	94.4	110.8	15.2	85.7	93.3	104.9	10.5	24.157491	-101.495787
T. Der. San Tiburcio	185.25	3	1	1864	110.1	136.2	143.8	23.2	103.2	127.0	142.8	20.7	101.1	118.2	141.5	17.9	24.160320	-101.493641
T. Der. San Tiburcio	185.25	3	2	1845	110.7	136.3	143.8	22.7	103.2	127.3	142.9	20.9	101.8	118.9	141.6	17.3	24.160363	-101.493747
T. Izq. Concepción del Oro	240.00	1	1	2444	81.1	95.9	114.4	15.5	77.1	90.3	104.2	13.6	72.7	85.9	105.2	13.9	24.611552	-101.368800
T. Izq. Concepción del Oro	240.00	1	2	2422	81.2	96.0	114.5	15.4	77.5	91.1	106.5	14.1	72.2	84.8	104.2	13.5	24.611487	-101.368823
T. Izq. Concepción del Oro	240.00	3	1	2366	86.3	100.7	115.0	15.0	83.9	94.4	108.8	12.7	83.6	94.0	108.9	12.5	24.630033	-101.371221
T. Izq. Concepción del Oro	240.00	3	2	2436	84.3	97.6	112.9	14.0	81.0	91.6	104.3	12.8	77.6	88.2	102.9	12.1	24.630071	-101.371316
Lim. Edos. Term. Zac. Ppia. Coah.	266.50																	
Agua Nueva	322.00	1	0	4511	65.8	73.7	90.0	10.3	59.9	66.1	81.9	9.5	54.9	64.1	81.0	10.4	25.177688	-101.095070
T. Der. La Trinidad	333.00	3	0	11151	85.8	96.7	115.9	12.2	80.4	90.8	104.3	11.6	79.1	90.6	110.9	12.9	25.292064	-101.084421
X. C. Libramiento de Saltillo	348.00	1	1	14779	54.9	62.1	76.4	8.5	54.3	62.0	81.7	9.5	55.5	61.6	82.6	8.0	25.358444	-101.019694
X. C. Libramiento de Saltillo	348.00	1	2	15158	48.2	54.9	70.6	9.9	43.0	50.7	64.7	9.5	42.9	52.1	64.4	12.0	25.358389	-101.020000
Saltillo	354.00	1	1	12388	51.7	59.4	73.6	9.5	49.6	57.4	71.5	10.1	46.6	53.8	71.2	9.5	25.387797	-101.006300
Saltillo	354.00	1	2	12268	53.4	61.3	73.3	9.5	48.6	54.2	66.6	8.7	42.6	51.7	64.5	10.6	25.387846	-101.006429

8 C A R R : Ent. Rivier - San Marcos

CLAVE: 00285

RUTA: MEX-066

AÑO : 2013

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. Aguascalientes - Zacatecas	0.00	3	1	5332	57.6	64.0	75.1	9.1	53.2	58.8	73.4	7.9	52.2	56.2	70.4	7.9	21.962230	-102.287193

ZACATECAS

8 C A R R : Ent. Rivier - San Marcos

CLAVE: 00285

RUTA: MEX-066

AÑO : 2013

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. Aguascalientes - Zacatecas	0.00	3	2	4947	64.0	72.1	91.2	9.8	59.1	68.1	90.5	10.7	58.6	66.9	90.3	10.2	21.962424	-102.287156
T. Izq. El Tepetate	10.50	3	0	7663	69.6	76.5	92.7	9.6	67.4	74.5	90.7	9.2	65.8	73.4	91.9	9.6	21.999966	-102.194356
T. Der. Jilotepec	23.60	3	0	6835	84.7	97.5	125.0	13.5	82.8	97.4	122.2	14.6	81.4	96.6	126.7	15.6	22.056921	-102.097844
Villa Juárez	30.00	3	0	9072	58.1	65.4	82.7	10.0	58.7	65.0	82.5	9.8	57.5	64.8	89.7	11.1	22.100235	-102.064079
Ciénega Grande	41.50	1	0	6816	74.4	84.3	102.5	11.4	73.7	83.4	101.6	11.0	71.0	80.9	99.4	11.8	22.187039	-102.020520
Ciénega Grande	41.50	3	0	5684	67.8	75.8	92.1	10.3	64.8	72.2	84.9	8.7	64.0	72.6	91.5	10.4	22.200268	-102.015290
Lim. Edos. Term. Ags. Ppia. Zac.	45.75																	
San Marcos	56.00	1	0	7234	47.0	52.1	64.2	7.1	44.6	50.3	63.2	7.2	45.2	50.9	66.8	8.1	22.276186	-101.957476

9 C A R R : Ent. Tesistán - Ent. Malpaso

CLAVE: 00584

RUTA: MEX-023

AÑO : 2013

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. Guadalajara - Tesistán	0.00	3	0	17378	60.8	69.2	82.0	10.2	56.7	63.0	78.1	8.5	51.8	61.8	78.1	11.6	20.786467	-103.461636
Lim. Edos. Term. Jal. Ppia. Zac.	42.00																	
García de La Cadena	54.00	1	0	1637	66.2	79.5	97.2	13.5	58.5	62.9	82.0	6.8	58.8	69.6	86.4	11.0	21.192829	-103.464331
Tlaltenango de Sánchez Román	147.50	3	0	4800	65.6	79.2	98.1	13.7	58.9	64.2	80.1	7.3	59.9	72.5	93.2	13.0	21.801005	-103.298747
Momax	165.00	3	0	4270	65.9	79.5	98.8	13.7	60.9	71.5	84.2	11.0	58.4	70.4	90.0	12.0	21.931220	-103.310396
Lim. Edos. Term. Zac. Ppia. Jal.	171.80																	
Colotlán	175.00	1	0	3221	65.3	73.5	84.9	9.5	59.2	65.0	74.6	8.3	56.5	66.2	83.1	11.2	22.096177	-103.269430
Lim. Edos. Term. Jal. Ppia. Zac.	209.90																	
Lim. Edos. Term. Zac. Ppia. Jal.	214.80																	
Lim. Edos. Term. Jal. Ppia. Zac.	223.95																	
Tepetongo	235.00	3	0	3103	66.6	80.4	99.8	14.0	60.8	70.8	84.9	10.7	59.0	71.4	91.1	12.4	22.464339	-103.144282
Jerez de García Salinas	249.00	1	0	5659	65.7	79.2	98.0	13.7	60.9	71.3	83.8	10.9	57.1	68.4	88.2	11.1	22.610862	-103.011202
T. C. Guadalajara - Zacatecas	275.00	1	1	2897	63.3	72.1	84.5	10.2	59.9	64.0	74.9	7.1	58.8	64.4	87.9	9.1	22.616439	-102.781665
T. C. Guadalajara - Zacatecas	275.00	1	2	2896	65.6	76.9	94.6	12.1	63.3	71.5	87.9	9.8	60.8	70.0	86.8	10.7	22.616439	-102.781665

10 C A R R : Fresnillo - Valparaíso

CLAVE: 32547

RUTA: MEX-044

AÑO : 2013

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
Fresnillo	0.00	3	0	7135	65.8	78.0	93.8	13.0	63.8	74.1	87.4	11.6	63.2	74.2	93.3	12.9	23.173916	-102.916987
T. Izq. Guanajuato	24.50	1	0	2533	66.3	80.0	99.7	13.9	60.7	70.5	84.9	10.5	59.7	72.4	93.0	13.0	23.100470	-103.087846
T. Izq. Sombreretillo	45.00	3	0	1469	101.5	117.6	137.7	16.6	86.3	108.4	127.0	21.9	83.8	108.7	129.3	23.7	22.995811	-103.215402

ZACATECAS

10 C A R R : Fresno - Valparaíso								CLAVE: 32547				RUTA: MEX-044				AÑO: 2013					
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 José de Llanetes				55.00	3	0	1293	66.0	79.1	94.9	13.2	59.4	67.8	81.1	8.9	59.4	70.8	88.1	11.5	22.924736	-103.295166
T. Izq. Lobatos				71.00	3	0	1849	66.5	79.5	104.4	14.5	55.8	57.8	80.8	6.2	59.0	68.8	84.9	9.6	22.837203	-103.409827
Valparaíso				90.00	1	0	2730	77.2	86.0	101.7	10.4	68.0	76.9	91.2	10.0	65.5	77.0	93.3	11.3	22.797611	-103.527810

11 C A R R : Guadalajara - Zacatecas				CLAVE: 00150				RUTA: MEX-054				AÑO: 2013									
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
Guadalajara				0.00																	
X. Periférico de Guadalajara				6.19	3	1	9870	46.7	52.3	63.3	7.5	44.1	49.1	54.7	6.4	43.2	49.1	59.2	7.7	20.755710	-103.342949
X. Periférico de Guadalajara				6.19	3	2	10405	49.9	53.2	62.6	6.7	45.6	49.9	54.9	5.5	45.7	51.0	61.7	6.8	20.755711	-103.342949
T. Der. Ixtlahuacán del Río				49.46	3	0	4432	58.2	70.0	87.7	12.9	57.2	60.9	77.5	6.2	57.5	68.5	89.9	12.4	20.870583	-103.237444
Lim. Edos. Term. Jal. Ppia. Zac.				76.49																	
T. Izq. Moyahua				106.43	1	0	2879	65.7	79.4	98.4	13.7	60.3	68.5	83.9	9.2	58.7	69.7	92.2	11.1	21.258607	-103.157712
Apozol				129.28	1	0	4669	66.1	79.8	98.9	13.7	60.6	70.4	83.7	10.3	60.3	72.9	94.2	12.9	21.445832	-103.095577
Jalpa				159.39	1	0	3428	66.3	80.0	99.8	13.9	60.8	70.4	83.7	10.4	59.8	73.0	93.3	13.5	21.617355	-103.002969
Tabasco				189.40	1	0	2954	74.2	88.1	104.4	13.6	68.8	83.7	94.5	13.7	66.0	79.8	99.0	13.7	21.844688	-102.933413
Tabasco				189.40	3	0	3631	45.7	52.0	68.2	7.9	43.7	51.2	58.9	9.0	46.1	52.4	57.4	9.4	21.883518	-102.908540
Villanueva				255.70	3	0	3869	84.8	99.1	122.9	14.1	73.4	87.1	105.3	13.9	73.0	89.3	113.9	15.8	22.378216	-102.880569
T. Izq. Jerez de García Salinas				289.13	1	0	3922	89.1	101.4	119.6	13.0	80.6	95.5	130.5	15.8	74.6	88.9	126.5	15.2	22.607556	-102.761047
T. Izq. Jerez de García Salinas				289.13	3	1	4175	96.1	107.3	124.7	12.2	86.9	97.4	110.1	11.9	84.8	98.2	114.0	14.5	22.621362	-102.753189
T. Izq. Jerez de García Salinas				289.13	3	2	4182	87.5	100.7	122.3	13.8	75.9	92.5	104.7	15.2	76.4	92.2	112.2	16.2	22.621431	-102.753268
T. C. Zacatecas - Durango				311.83	1	1	7592	93.9	107.1	129.0	13.9	87.5	103.2	120.1	15.8	90.8	107.0	129.9	16.7	22.771828	-102.630755
T. C. Zacatecas - Durango				311.83	1	2	7552	76.6	87.2	102.5	11.7	67.9	79.8	94.6	12.4	68.2	81.6	100.1	14.0	22.771694	-102.630420

12 C A R R : Jerez - Fresnillo										CLAVE: 32542				RUTA: MEX-023				AÑO: 2013			
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
Jerez				0.00	3	0	2856	53.6	60.2	73.8	8.3	51.1	55.6	67.7	8.2	51.0	54.4	68.5	8.1	22.682047	-103.016405
T. C. Ent. Fresnillo - Valparaiso				60.00	1	0	3179	56.4	67.5	83.9	12.0	54.5	63.4	74.9	9.3	52.5	62.9	79.1	11.5	23.162053	-102.884712

ZACATECAS

13 C A R R : Libramiento de Guadalupe - Zacatecas

CLAVE: 32582

RUTA: MEX-045

AÑO: 2013

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. Aguascalientes - Zacatecas (Alta)	0.00	3	1	8531	78.7	92.1	109.6	13.9	76.7	89.0	101.6	12.8	74.4	84.7	103.4	11.9	22.740905	-102.503957
T. C. Aguascalientes - Zacatecas (Baja)	0.00	3	1	5175	57.4	66.7	82.4	11.1	53.7	63.1	88.7	11.5	54.6	65.5	89.9	12.7	22.741011	-102.504022
T. C. Aguascalientes - Zacatecas (Baja)	0.00	3	2	5163	56.9	66.3	82.0	11.2	38.6	43.2	54.0	7.0	37.4	42.9	54.8	7.7	22.740589	-102.503639
T. C. Aguascalientes - Zacatecas (Alta)	0.00	3	2	7075	79.5	91.3	109.4	12.8	77.8	89.5	100.6	12.6	74.7	84.7	100.1	11.5	22.740795	-102.503901
X. C. Cieneguillas - Zacatecas	13.00	3	1	6496	66.7	75.6	87.6	11.1	59.4	69.8	78.4	12.5	59.4	69.4	81.3	11.9	22.757089	-102.598030
X. C. Cieneguillas - Zacatecas	13.00	3	2	6586	79.6	91.6	104.7	13.4	76.6	88.2	100.3	12.5	72.7	84.0	99.4	12.8	22.756934	-102.598043
T. C. Zacatecas - Durango	17.50	1	1	6851	69.7	76.9	87.8	9.5	64.2	70.9	81.2	7.9	62.1	68.8	80.1	8.5	22.773028	-102.617863
T. C. Zacatecas - Durango	17.50	1	2	7803	67.1	76.3	90.8	10.8	66.9	74.2	84.3	9.5	59.5	69.8	83.8	11.5	22.772884	-102.618012

14 C A R R : Providencia - Luis Moya

CLAVE: 00112

RUTA: MEX-071

AÑO: 2013

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. Aguascalientes - Zacatecas	0.00	3	0	5428	62.9	70.8	84.0	9.5	60.3	66.6	80.5	8.8	56.5	62.8	76.8	8.3	22.060759	-102.274227
T. Izq. Pabellón de Arteaga	12.10	1	0	4819	91.1	104.1	123.4	14.1	87.9	101.7	120.1	15.0	85.6	99.5	121.4	14.8	22.144790	-102.251495
T. Der. Villa Juárez	14.90	3	0	5516	86.8	99.9	119.7	13.5	83.8	96.5	113.5	13.7	83.3	94.6	115.8	13.3	22.182005	-102.244948
X. C. Rincón de Romos - Ciénega Grande	21.22	3	0	4688	79.1	89.5	109.4	11.9	74.0	84.6	102.7	11.5	73.2	84.4	110.4	13.0	22.231663	-102.241244
X. C. La Punta - Mesillas	30.35	3	0	3108	86.7	97.6	116.2	12.1	79.5	90.6	104.2	12.5	81.6	93.2	113.9	13.2	22.318115	-102.233678
San Jacinto	34.25	3	0	2476	72.9	88.3	106.8	15.4	66.9	78.8	94.1	12.0	69.4	82.9	110.9	14.9	22.353287	-102.232552
Lim. Edos. Term. Ags. Ppia. Zac.	37.50																	
Luis Moya	43.50	1	0	4027	73.1	85.3	105.9	13.9	67.3	76.9	90.8	10.9	70.1	82.6	104.6	13.9	22.426715	-102.246660

15 C A R R : Ramal a Aeropuerto Zacatecas

CLAVE: 32546

RUTA: MEX-045

AÑO: 2013

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. Zacatecas - Durango	0.00	3	1	958	66.9	76.6	94.6	11.4	65.3	72.8	138.3	12.7	67.3	81.5	138.3	16.8	22.909428	-102.674141
T. C. Zacatecas - Durango	0.00	3	2	918	83.5	99.5	119.6	15.7	65.7	82.2	101.4	14.8	70.4	85.1	104.5	16.3	22.909510	-102.674186
Aeropuerto	1.95																	

16 C A R R : Ramal a Concepción del Oro

CLAVE: 32565

RUTA: MEX-054

AÑO: 2013

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. Morelos - Saltillo	0.00	3	0	4925	48.2	54.4	70.6	9.1	49.8	52.5	54.9	6.2	46.7	53.4	71.0	9.3	24.621480	-101.397187

ZACATECAS

21 C A R R : Ramal a Villa de Cos

CLAVE: 32564

RUTA: MEX-054

AÑO: 2013

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. Morelos - Saltillo	0.00	3	1	1883	66.1	76.7	93.3	11.7	67.8	77.9	94.6	11.7	66.0	77.8	94.8	12.6	23.273129	-102.332509
T. C. Ent. Morelos - Saltillo	0.00	3	2	1855	68.5	79.7	96.6	12.5	71.0	82.0	120.9	13.5	72.6	84.0	135.7	15.0	23.273089	-102.332633
Villa de Cos	3.30	1	1	2758	44.2	50.3	61.6	7.4	40.5	45.6	53.9	8.0	42.6	50.6	54.7	9.6	23.286568	-102.341525
Villa de Cos	3.30	1	2	2698	45.4	51.5	56.2	8.0	45.6	51.6	54.8	8.2	45.6	52.0	58.4	8.9	23.286569	-102.341618

22 C A R R : San Luis Potosí - Ent. Arcinas

CLAVE: 00134

RUTA: MEX-049

AÑO: 2013

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 Potosí - Matehuala	0.00																	
T. Izq. Periférico de San Luis Potosí	9.35	3	1	8738	69.8	81.9	101.9	13.2	68.1	82.3	135.7	16.5	66.9	83.5	139.7	19.1	22.203833	-101.027083
T. Izq. Periférico de San Luis Potosí	9.35	3	2	8981	73.7	87.9	104.6	14.3	70.3	82.9	100.8	13.9	67.1	80.6	99.5	13.8	22.203833	-101.027083
Mexquitic	22.50	1	1	5618	63.8	70.5	81.3	8.1	54.2	61.1	70.9	8.3	54.2	62.3	72.4	9.8	22.249278	-101.105528
Mexquitic	22.50	1	2	5560	97.5	114.9	135.9	16.7	80.7	99.8	117.1	19.3	78.2	96.8	118.0	18.5	22.249278	-101.105528
T. Der. Charcas	30.90	1	1	4839	104.8	122.3	141.3	16.2	98.7	111.3	132.9	13.9	100.5	113.8	134.3	14.7	22.310028	-101.158194
T. Der. Charcas	30.90	1	2	4804	96.4	112.7	134.5	16.0	89.7	102.6	119.3	14.2	86.8	99.1	121.2	13.6	22.310028	-101.158194
Lim. Edos. Term. S. L. P. Ppia. Zac.	55.13																	
Lim. Edos. Term. Zac. Ppia. S. L. P.	89.30																	
T. Der. Salinas	99.00	1	1	3018	77.6	93.4	110.3	15.6	69.0	80.6	94.4	12.8	68.3	80.0	92.0	13.2	22.605722	-101.711917
T. Der. Salinas	99.00	1	2	2933	83.6	101.0	122.3	16.8	75.4	86.4	99.3	12.4	74.8	86.5	102.8	13.6	22.605722	-101.711917
T. Der. Salinas	99.00	3	1	3068	95.4	118.9	138.3	21.3	87.4	102.8	129.5	17.0	87.1	100.3	123.1	14.7	22.619500	-101.739028
T. Der. Salinas	99.00	3	2	3097	92.7	117.7	137.6	22.8	84.2	101.6	125.2	18.7	83.2	99.4	121.9	17.7	22.619500	-101.739028
Lim. Edos. Term. S. L. P. Ppia. Zac.	122.47																	
T. Izq. Pánfilo Natera	139.00	1	1	3026	79.2	89.6	102.8	11.5	68.9	74.8	83.7	9.6	65.5	73.4	83.5	10.1	22.679067	-102.097683
T. Izq. Pánfilo Natera	139.00	1	2	3092	82.9	94.7	111.0	12.9	75.0	81.5	91.1	7.9	76.6	82.2	91.2	8.0	22.678807	-102.097754
Ent. Arcinas	162.98	1	1	3293	98.6	113.6	134.4	15.2	88.9	98.2	118.7	12.0	84.3	92.3	111.2	9.8	22.719509	-102.322449
Ent. Arcinas	162.98	1	2	3395	102.5	117.2	136.2	15.0	94.7	104.1	125.2	12.1	92.3	100.3	119.9	10.5	22.719228	-102.322487

23 C A R R : San Luis Potosí - Lagos de Moreno

CLAVE: 00133

RUTA: MEX-070-080

AÑO: 2013

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 Potosí	0.00	3	1	17312	62.4	71.2	91.1	10.8	51.1	62.0	84.9	13.5	52.8	54.4	72.6	7.0	22.133972	-101.030861
San Luis Potosí	0.00	3	2	18228	55.2	64.4	81.2	11.1	51.1	62.1	83.8	13.3	51.5	57.0	80.0	10.4	22.133972	-101.030861
X. Periférico de San Luis Potosí	8.41	3	0	8375	58.6	66.5	82.5	10.3	53.3	60.1	72.9	8.5	51.1	59.3	74.5	10.4	22.129917	-101.037250

ZACATECAS

23 C A R R : San Luis Potosí - Lagos de Moreno

CLAVE: 00133

RUTA: MEX-070-080

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
El Tepetate	41.90	1	0	4554	102.7	122.9	141.8	19.4	84.5	101.6	133.1	18.7	85.8	100.8	130.0	16.6	22.022667	-101.228472
El Tepetate	41.90	3	0	4322	101.8	120.6	140.7	17.7	87.2	98.6	123.6	13.7	86.2	99.1	127.3	14.6	22.007139	-101.250278
Villa de Arriaga	61.90	3	0	2093	74.2	87.4	129.7	14.6	57.1	64.2	74.4	8.3	58.1	64.5	84.0	8.9	21.896194	-101.414806
Lim. Edos. Term. S. L. P. Ppia. Zac.	70.23																	
Lim. Edos. Term. Zac. Ppia. Jal.	82.94																	
Ojuelos de Jalisco	83.20	1	0	7920	35.3	42.8	54.9	9.2	35.9	44.0	53.4	8.9	34.4	42.8	53.5	9.3	21.875800	-101.570758
Ojuelos de Jalisco	83.20	3	0	5138	35.2	42.8	54.3	9.0	38.7	47.6	54.0	9.4	35.0	43.5	53.5	9.0	21.854440	-101.593827
X. C. León - Aguascalientes	146.90	1	1	4019	51.5	58.0	91.2	10.8	48.7	53.7	62.9	8.3	51.6	53.3	57.6	6.0	21.375576	-101.894359
X. C. León - Aguascalientes	146.90	1	2	4070	43.4	44.6	83.6	7.6	40.3	50.0	54.4	9.5	47.5	52.7	54.8	9.5	21.375576	-101.894359
Lagos de Moreno	150.00																	

24 C A R R : Zacatecas - Durango

CLAVE: 00544

RUTA: MEX-045

AÑO : 2013

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
Zacatecas	0.00																	
T. Izq. Guadalajara	6.40	3	1	11967	88.9	100.0	115.1	12.1	84.0	93.8	107.7	11.5	81.0	92.4	111.0	12.7	22.782519	-102.627177
T. Izq. Guadalajara	6.40	3	2	12032	87.1	100.1	116.0	13.5	78.2	90.7	107.9	13.3	71.6	91.5	112.5	19.0	22.782580	-102.627262
T. Der. Saltillo (T. Morelos)	15.00	3	1	10564	105.0	121.5	140.5	15.7	97.3	110.9	136.0	14.6	90.5	104.9	134.5	15.8	22.860537	-102.647862
T. Der. Saltillo (T. Morelos)	15.00	3	2	10729	87.6	105.3	138.7	15.8	85.8	107.5	141.4	18.8	81.0	96.5	137.2	15.3	22.867932	-102.630372
Víctor Rosales	28.00	1	1	10436	84.5	94.9	112.1	12.0	79.7	89.5	99.7	11.1	75.7	83.8	99.7	10.2	22.930115	-102.685513
Víctor Rosales	28.00	1	2	10313	88.0	101.5	118.0	13.9	83.7	94.4	106.6	12.3	77.7	88.5	108.8	12.2	22.930009	-102.685890
T. Der. Facultad de Veterinaria	32.30	1	1	6287	108.4	122.6	139.6	14.5	97.2	104.9	130.8	12.1	92.7	102.6	129.3	12.0	22.971916	-102.719839
T. Der. Facultad de Veterinaria	32.30	1	2	6218	107.5	121.5	139.7	14.3	95.0	103.6	129.5	11.3	90.1	99.6	127.4	12.1	22.971753	-102.719909
Gral. Enrique Estrada	34.60	3	1	8849	102.3	116.3	134.1	14.6	95.0	103.5	122.4	10.6	91.2	101.6	123.9	12.2	23.012383	-102.751792
Gral. Enrique Estrada	34.60	3	2	8564	100.1	113.1	130.2	13.7	90.7	99.1	114.2	10.6	86.4	94.0	113.8	9.9	23.012382	-102.751920
Fresnillo	58.50	1	1	7313	80.6	91.4	106.1	12.1	74.1	84.8	94.1	11.6	68.5	79.0	92.9	11.6	23.162892	-102.853694
Fresnillo	58.50	1	2	7250	81.0	91.7	106.1	12.0	74.1	84.8	94.3	11.7	69.1	79.5	93.2	11.6	23.159642	-102.852093
Ent. La Chicharrona	74.30	1	1	7002	91.7	105.2	121.3	15.0	85.3	96.4	104.5	12.8	82.0	92.1	104.4	11.6	23.287760	-102.950944
Ent. La Chicharrona	74.30	1	2	7352	91.4	105.0	121.3	15.2	85.6	96.7	104.7	12.8	82.0	92.2	104.5	11.6	23.287701	-102.951053
Ent. La Chicharrona	74.30	3	0	5297	99.4	114.1	135.1	15.5	90.1	102.5	114.9	14.4	89.5	103.0	123.7	15.0	23.310599	-102.966583
T. Der. Saín Alto	121.00	3	0	3435	66.3	79.8	99.0	13.7	63.1	75.1	92.7	13.0	58.2	69.9	92.2	11.6	23.581703	-103.274230
T. Izq. Sombrerete (2º Acceso)	161.50	3	0	4782	55.0	62.7	76.0	9.1	58.7	65.1	93.5	10.9	56.5	63.6	103.4	10.9	23.644895	-103.648751
Lim. Edos. Term. Zac. Ppia. Dgo.	190.08																	
X. C. Súchil - Villa Unión	206.98	1	0	2651	100.7	119.0	139.3	17.6	92.5	103.6	120.7	14.8	90.0	104.4	128.1	16.2	23.750597	-103.961521

ZACATECAS

24 C A R R : Zacatecas - Durango

CLAVE: 00544

ruta: MEX-045

AÑO : 2013

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. Súchil - Villa Unión	206.98	3	0	4877	84.3	97.9	114.8	13.9	83.9	93.8	104.3	11.6	81.8	93.6	111.8	13.4	23.744406	-104.000093
T. Izq. Graceros	210.00	1	0	4343	97.3	115.3	137.8	17.8	91.2	103.1	121.8	15.0	91.6	105.8	132.6	15.8	23.748106	-104.038094
Amado Nervo	231.51	1	0	3634	96.8	113.6	134.0	17.3	89.5	102.0	119.4	15.1	87.5	103.3	126.5	17.5	23.841908	-104.186577
Amado Nervo	231.51	3	0	5000	92.6	106.2	125.5	14.5	87.9	99.5	114.0	13.3	86.0	99.4	121.5	14.4	23.844136	-104.194726
Nombre de Dios	236.80	1	0	4514	57.3	67.8	83.9	11.7	53.8	61.2	73.9	8.5	54.5	63.3	81.4	9.8	23.843368	-104.231633
Nombre de Dios	236.80	3	0	4948	56.6	66.5	83.4	10.8	52.1	60.2	72.5	9.4	53.0	61.8	81.0	10.5	23.851490	-104.248992
T. Der. Constančia	240.60	3	0	4833	99.2	112.2	130.6	14.0	92.2	101.9	114.8	12.2	91.4	102.9	124.2	13.5	23.872410	-104.270457
T. Der. Tuitán	250.80	3	0	4935	89.3	104.8	123.9	16.0	82.5	97.9	113.7	15.6	76.5	95.2	118.3	19.3	23.922757	-104.337320
T. Der. Independencia y Libertad	261.70	1	0	5166	101.3	118.1	139.9	16.8	97.4	117.3	142.7	19.5	94.3	117.9	142.4	20.9	23.994121	-104.374516
T. Der. Independencia y Libertad	261.70	3	1	2518	93.4	107.6	126.9	14.6	84.2	92.3	104.4	10.8	81.5	90.9	109.5	11.7	24.006182	-104.384702
T. Der. Independencia y Libertad	261.70	3	2	2508	103.8	120.3	140.0	16.0	92.1	101.5	111.3	11.8	90.3	101.0	113.4	13.1	24.006175	-104.384701
T. Izq. Parras de La Fuente	276.60	1	1	3977	104.9	121.1	140.0	15.7	93.1	107.7	124.7	16.1	95.5	112.2	135.4	15.8	24.018962	-104.505778
T. Izq. Parras de La Fuente	276.60	1	2	3762	95.3	108.1	125.7	13.3	88.1	100.0	113.0	13.4	86.6	99.3	120.7	13.7	24.018962	-104.505778
T. Izq. Parras de La Fuente	276.60	3	1	3477	90.1	102.6	120.2	13.6	82.5	94.9	107.7	13.9	83.4	97.1	120.9	14.5	24.023756	-104.549158
T. Izq. Parras de La Fuente	276.60	3	2	3462	88.8	101.8	122.7	13.9	80.5	93.5	106.4	14.0	82.3	96.1	123.2	15.1	24.023756	-104.549158
Durango	287.30	1	1	6677	71.3	82.4	97.6	12.5	69.5	79.7	98.3	12.0	69.1	81.9	111.1	14.4	24.027576	-104.587556
Durango	287.30	1	2	6969	73.2	85.3	105.4	13.5	69.9	80.8	116.5	13.3	69.8	83.0	113.3	14.9	24.027590	-104.587561

25 C A R R : Cuauhtémoc - Osiris (Cuota)

CLAVE: 32558

ruta: MEX-045D

AÑO : 2013

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. Cosío - Guadalupe	0.00	3	0	6390	107.9	131.8	143.4	18.6	95.8	113.9	141.8	18.1	93.4	113.3	139.7	18.8	22.486843	-102.357535
Caseta de Cobro Zacatecas	27.70	2	0	7595													22.703546	-102.449278
T. C. Aguascalientes - Zacatecas	32.00	1	0	6834	101.9	123.3	142.5	18.7	97.3	117.8	142.0	17.8	90.1	108.7	138.7	17.9	22.746171	-102.453772

26 C A R R : Libramiento de Fresnillo (Cuota)

CLAVE: 32581

ruta: MEX-045D

AÑO : 2013

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. Zacatecas - Durango	0.00	3	1	2150	107.3	120.7	137.3	14.1	91.2	99.1	118.1	10.8	85.4	93.2	114.1	10.1	23.122244	-102.807900
T. C. Zacatecas - Durango	0.00	3	2	2245	108.8	120.9	137.4	13.0	91.4	100.1	120.1	11.1	85.9	92.9	111.9	9.3	23.121958	-102.808006
Caseta de Cobro Morfín Chávez	8.00	2	1	2151													23.177939	-102.828511
Caseta de Cobro Morfín Chávez	8.00	2	2	2151													23.177939	-102.828511
T. Der. Plateros	11.90	1	1	2311	104.0	120.7	139.4	16.4	84.8	102.8	125.0	18.6	73.0	93.0	121.5	19.5	23.207457	-102.847212

ZACATECAS

26 C A R R : Libramiento de Fresnillo (Cuota)

CLAVE: 32581

RUTA: MEX-045D

AÑO : 2013

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. Plateros	11.90	1	2	2336	103.3	120.4	139.3	16.8	84.6	102.6	124.5	18.6	72.5	92.2	120.6	19.3	23.207072	-102.847437
T. C. Zacatecas - Durango	20.05	1	1	2116	70.0	83.2	103.1	14.1	67.4	80.4	95.8	13.4	58.8	67.9	92.3	9.6	23.235735	-102.908375
T. C. Zacatecas - Durango	20.05	1	2	2274	70.1	83.3	103.1	14.2	67.5	80.7	100.0	13.7	58.7	67.4	92.7	9.5	23.235686	-102.908403
T. Der. Plateros	61.50	3	1	2240	110.5	128.8	142.9	17.1	95.7	117.6	140.1	19.3	80.8	101.6	135.0	20.8	23.211446	-102.855952
T. Der. Plateros	61.50	3	2	2442	121.1	137.3	144.0	15.4	105.5	123.0	141.8	16.6	99.6	114.0	138.7	14.5	23.211225	-102.856192

27 CARR: Libramiento de Víctor Rosales (Cuota)

CLAVE: 32015

RUTA: MEX-045D

AÑO : 2013

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. Zacatecas - Durango	0.00	3	1	5813	85.9	93.4	104.8	9.3	75.4	82.8	98.6	9.2	64.7	75.0	97.0	11.9	22.937333	-102.688852
T. C. Zacatecas - Durango	0.00	3	2	6094	98.4	109.1	125.1	12.1	89.0	98.7	114.3	11.8	81.9	92.3	113.8	12.3	22.937366	-102.688935
Caseta de Cobro Calera Víctor Rosales	0.50	2	1	6484													22.941820	-102.689936
Caseta de Cobro Calera Víctor Rosales	0.50	2	2	6484													22.941820	-102.689936
T. C. Calera de Víctor Rosales - Santiagoullo	2.50	3	1	6077	116.7	136.1	143.8	16.7	105.5	122.4	142.1	15.7	97.6	115.3	140.8	18.6	22.956802	-102.692810
T. C. Calera de Víctor Rosales - Santiagoullo	2.50	3	2	6488	116.8	136.0	143.8	16.6	106.0	123.1	142.2	15.8	97.8	115.4	140.9	18.6	22.956824	-102.692971
T. C. Zacatecas - Durango	12.20	1	1	6300	72.4	78.8	89.1	8.2	64.5	65.7	74.0	4.1	64.2	64.9	74.5	4.5	23.005320	-102.743118
T. C. Zacatecas - Durango	12.20	1	2	5987	72.4	78.6	88.5	8.1	64.6	65.7	74.1	4.1	64.2	65.0	74.6	4.5	23.005256	-102.743194

28 C A R R : Calera de Víctor Rosales - Santiaguillo

CLAVE: 32016

RUTA: ZAC-016

AÑO : 2013

[illegible]

29 C A R R : Cieneguillas - Zacatecas

CLAVE: 32579

RUTA: ZAC

AÑO : 2013

[illegible]

ZACATECAS

30 C A R R : Corral de Piedras - Tlaltenango

CLAVE: 32579

ruta: ZAC

AÑO : 2013

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. Guadalajara - Zacatecas	0.00	3	0	541	65.2	77.6	93.5	12.5	61.3	70.8	89.6	10.7	59.2	67.5	82.4	9.2	21.621015	-103.048656
Tlaltenango	57.10	1	0	1112	65.1	78.7	95.9	13.4	56.4	54.3	74.5	3.0	60.3	70.1	84.9	10.6	21.767345	-103.280648

31 C A R R : Ent. Ojo Caliente - Ent. Ojuelos de Jalisco

CLAVE: 00126

ruta: ZAC

AÑO : 2013

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. Aguascalientes - Zacatecas	0.00	3	0	2622	59.0	66.0	82.0	9.4	57.4	64.4	81.4	9.4	55.2	64.2	82.7	10.8	22.601153	-102.246938
Gral. Pánfilo Natera	16.00	3	0	1843	66.5	79.5	100.4	13.2	63.8	75.2	92.2	12.2	63.5	77.7	98.2	14.5	22.656554	-102.105944
Lim. Edos. Term. Zac. Ppia. Jal.	134.00																	
T. C. San Luis Potosí - Lagos de Moreno	137.00																	

32 C A R R : Fresnillo - Ent. Bañón

CLAVE: 32070

ruta: ZAC

AÑO : 2013

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. Zacatecas - Durango	0.00																	
X. Lib. Fresnillo (Cuota)	2.40	3	1	4224	92.5	108.5	132.8	16.0	82.3	98.6	116.8	17.4	90.4	106.5	128.0	16.4	23.177924	-102.822830
X. Lib. Fresnillo (Cuota)	2.40	3	2	4340	85.2	101.1	124.4	15.6	75.6	91.3	107.4	15.5	82.3	102.6	128.7	19.1	23.178015	-102.822971
T. Der. Víctor Rosales	23.80	1	0	1982	47.0	54.6	71.9	10.2	48.1	53.7	71.2	9.5	43.5	52.5	70.8	10.9	23.143920	-102.656015
T. Der. Víctor Rosales	23.80	3	0	1807	58.4	69.6	83.3	12.9	61.4	73.0	143.2	23.3	55.2	57.8	138.3	10.6	23.143966	-102.649338
González Ortega Bañón	45.80	1	0	1399	81.1	93.4	112.8	13.9	72.2	88.6	103.7	16.1	76.8	91.9	112.9	15.7	23.175445	-102.484569
T. C. Ent. Morelos - Saltillo	49.00	1	0	2102	82.5	97.6	119.2	15.3	73.7	91.6	109.5	17.3	81.4	96.7	119.7	15.6	23.159529	-102.430339

33 C A R R : Fresnillo - Plateros

CLAVE: 32022

ruta: ZAC-022

AÑO : 2013

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
Fresnillo	0.00	3	1	4002	48.5	54.4	70.5	8.7	43.2	50.3	61.6	8.5	42.1	50.4	63.0	9.7	23.202891	-102.855729
Fresnillo	0.00	3	2	4244	48.8	54.7	71.4	9.0	43.2	50.2	61.3	8.4	43.6	51.3	62.6	9.3	23.202926	-102.855795
Plateros	4.90																	

ZACATECAS

38 C A R R : San Rafael - Villa García

CLAVE: 00525

RUTA: AGS-ZAC

AÑO: 2013

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. La Calavera - Ent. San Pedro	0.00	3	0	2223	58.9	70.5	88.3	12.2	57.2	68.2	91.7	12.3	55.3	66.7	84.8	11.1	22.116757	-102.010987
Lim. Edos. Term. Ags. Ppia. Zac.	3.00																	
Villa García	10.00	1	0	3499	61.6	71.8	87.3	11.8	60.4	71.0	89.7	11.9	57.3	68.2	87.5	12.4	22.147467	-101.958817

39 C A R R : Santa Mónica - Pozo de Gamboa

CLAVE: 32568

RUTA: ZAC

AÑO: 2013

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. Aguascalientes - Zacatecas	0.00	3	0	6126													22.759888	-102.422467
Tacoaleche	7.60	3	0	3443	59.7	70.1	89.0	11.5	57.9	63.9	84.3	8.1	53.8	63.1	86.1	10.7	22.830410	-102.398471
Pozo de Gamboa	34.50																	

40 C A R R : Sombrerete - González Ortega

CLAVE: 32568

RUTA: ZAC

AÑO: 2013

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. Zacatecas - Durango	0.00	3	0	859	46.3	52.9	64.0	8.6	47.5	52.8	64.5	7.9	47.0	52.8	63.8	8.2	23.657467	-103.543781
González Ortega	38.70	1	0	859	81.4	100.3	124.4	19.1	72.3	89.7	124.6	17.7	83.9	104.1	134.4	20.2	23.945555	-103.462073

41 C A R R : Libramiento Noreste de Zacatecas (Cuota)

CLAVE: 32582

RUTA: ZAC-D

AÑO: 2013

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. Aguascalientes - Zacatecas	0.00	3	0	5014	100.1	114.9	135.4	15.7	88.5	101.3	124.7	14.0	84.4	94.4	117.2	11.9	22.756055	-102.458690
T. C. Ent. Morelos - Saltillo	21.00	1	0	3760	95.0	107.8	125.8	13.5	80.0	93.4	113.0	15.2	61.5	81.6	104.1	19.2	22.850535	-102.607673

42 C A R R : Guadalupe - Cosío

CLAVE: 00579

RUTA: MEX-ZAC

AÑO: 2013

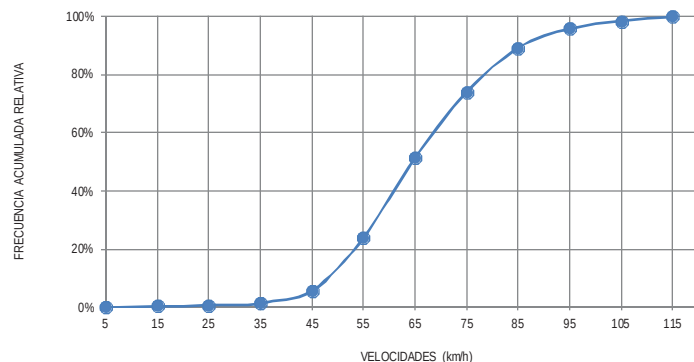
L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Aguascalientes - Zacatecas	0.00	3	0	7642	97.5	111.6	133.2	14.9	91.5	102.7	126.2	12.8	88.2	101.3	130.7	14.4	22.393194	-102.306083
Lim. Edos. Term. Ags. Ppia. Zac.	6.79																	
T. C. Ent. Cuauhtémoc - Ent. Osiris Cuota	12.96	3	0	1196	81.4	90.0	102.8	10.3	77.5	90.3	113.0	14.6	76.7	92.1	112.7	16.0	22.485346	-102.360891
T. C. Libramiento de Guadalupe - Zacatecas (Alta)	58.93	1	1	4507	61.8	68.9	81.9	9.1	54.2	61.2	73.6	8.2	53.6	60.1	73.6	8.2	22.735396	-102.496108
T. C. Libramiento de Guadalupe - Zacatecas (Baja)	58.93	1	1	1169	55.8	66.0	82.3	11.5	50.1	58.3	69.8	10.2	49.1	56.3	69.8	10.1	22.735373	-102.496184

ZACATECAS

42 C A R R : Guadalupe - Cosío				CLAVE: 00579								RUTA : MEX-ZAC				AÑO : 2013					
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 de Guadalupe - Zacatecas (Alta)				58.93	1	2	3800	65.0	73.6	88.9	10.0	64.0	73.1	92.5	11.2	60.3	72.0	87.5	12.7	22.735174	-102.495843
T. C. Libramiento de Guadalupe - Zacatecas (Baja)				58.93	1	2	1398	55.4	66.0	82.0	11.7	48.1	52.3	62.0	7.0	46.6	51.7	57.7	7.3	22.735172	-102.495921
43 C A R R : Tepatlán - Jaralillo				CLAVE: 00146								RUTA : MEX-JAL-ZAC				AÑO : 2013					
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	0	6761	48.6	54.0	64.9	8.5	47.8	53.2	64.7	8.1	48.5	52.9	62.9	8.4	20.795914	-102.791817
T. Izq. Mezcala				22.40	3	0	1385	77.6	90.7	110.5	13.6	69.9	88.3	101.2	15.1	69.6	86.6	109.2	16.3	20.963074	-102.816524
Yahualica de González Gallo				57.40	3	1	1456	51.7	58.4	69.8	8.8	50.2	58.1	70.0	9.4	50.3	54.8	68.4	8.7	21.202868	-102.886055
Yahualica de González Gallo				57.40	3	2	1419	45.2	50.3	56.2	6.3	44.6	51.1	60.0	7.7	45.7	51.0	54.6	7.3	21.202868	-102.886055
T. Der. Mexxicacán				72.45	3	0	2136	48.3	53.8	64.8	8.5	49.1	53.3	67.6	7.9	48.9	53.1	64.9	8.6	21.254972	-102.802806
Lim. Edos. Term. Jal. Ppia. Zac.				83.50																	
Lim. Edos. Term. Zac. Ppia. Jal.				106.00																	
Teocaltiche				111.00	1	0	3473	48.5	53.9	64.9	8.5	47.9	52.4	62.7	7.3	48.4	52.8	63.8	8.6	21.425678	-102.590050
Teocaltiche				111.00	3	0	3318	48.6	54.0	65.7	8.5	48.4	52.5	60.6	7.1	48.9	53.0	63.2	8.3	21.455219	-102.555832
T. C. León - Aguascalientes				157.00	1	0	2413	35.3	43.0	54.4	9.1	53.9	53.4	54.8	2.0	39.1	48.8	54.2	10.1	21.643122	-102.278642

1 Carr: Aguascalientes - Jalpa

CLAVE: 00095

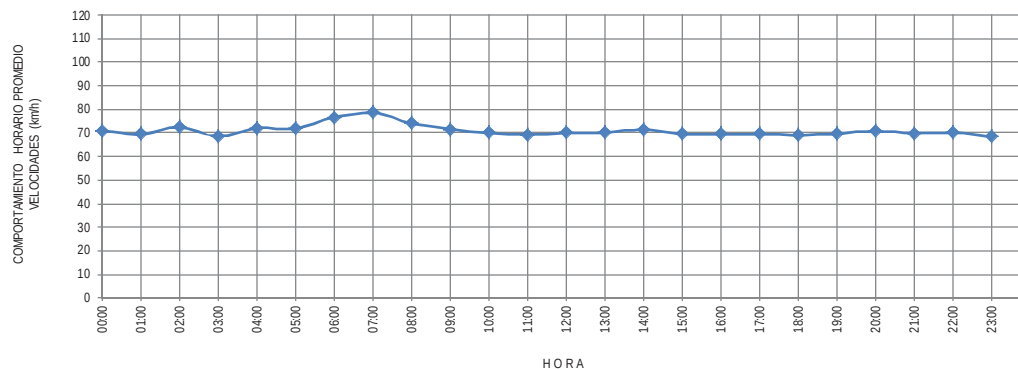


RUTA: MEX-070

KM: 0.000

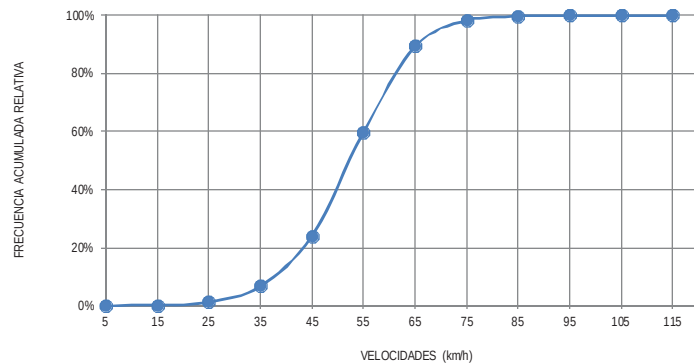
TE: 3

SC: 1



2 Carr: Aguascalientes - Zacatecas

CLAVE: 00524

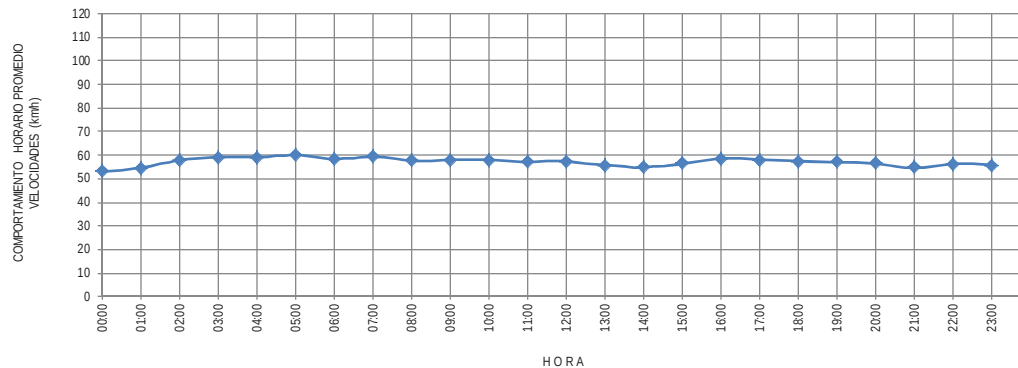


RUTA: MEX-045

KM: 6.000

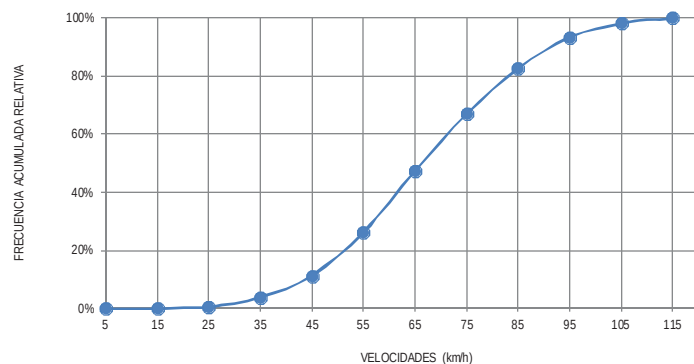
TE: 1

SC: 1



3 Carr: Blvd. Guadalupe - Zacatecas - La Escondida

CLAVE: 00544

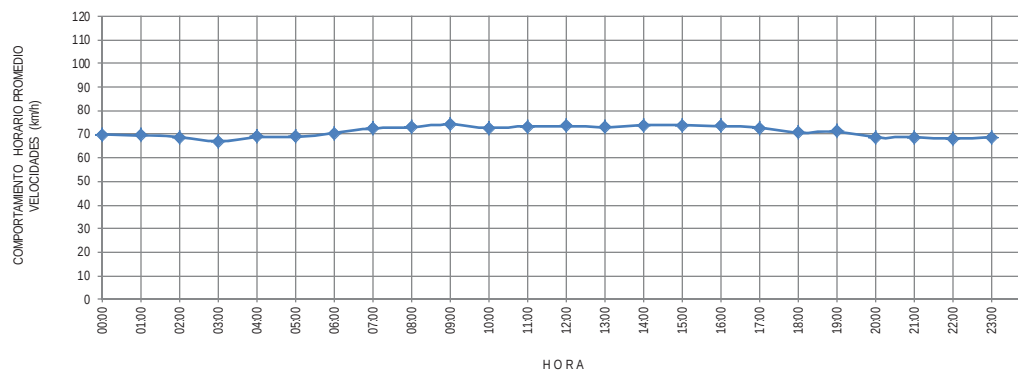


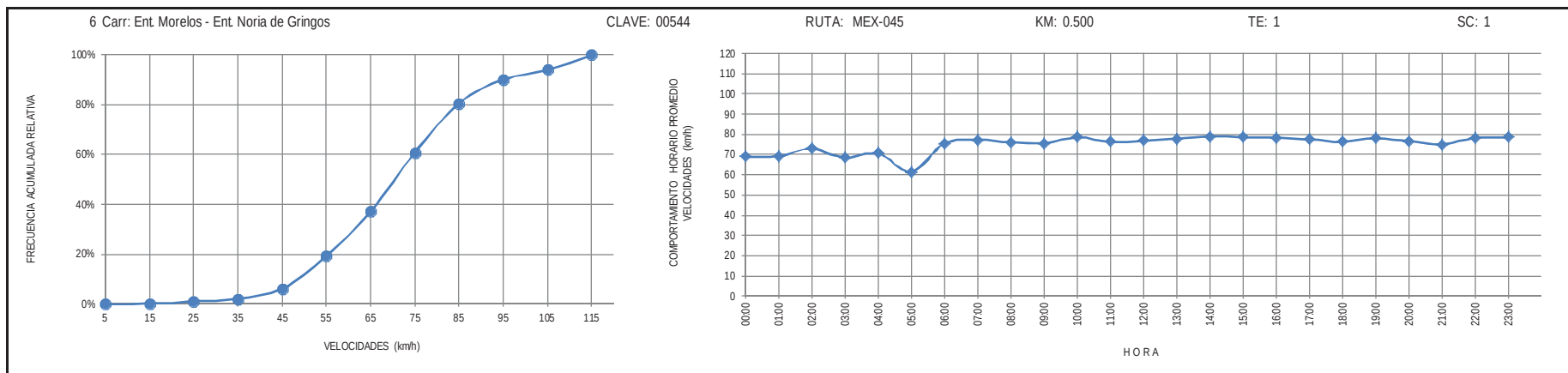
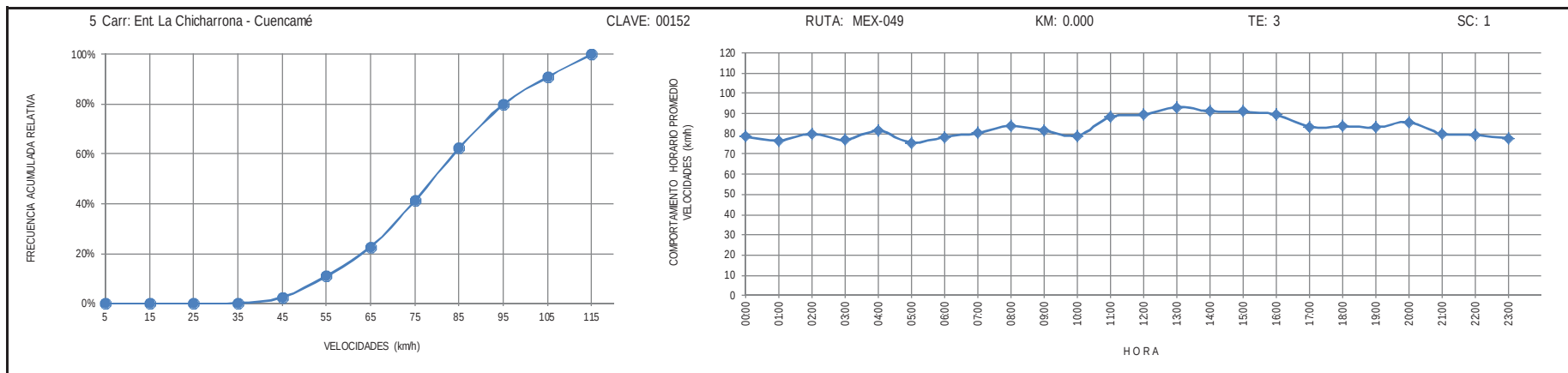
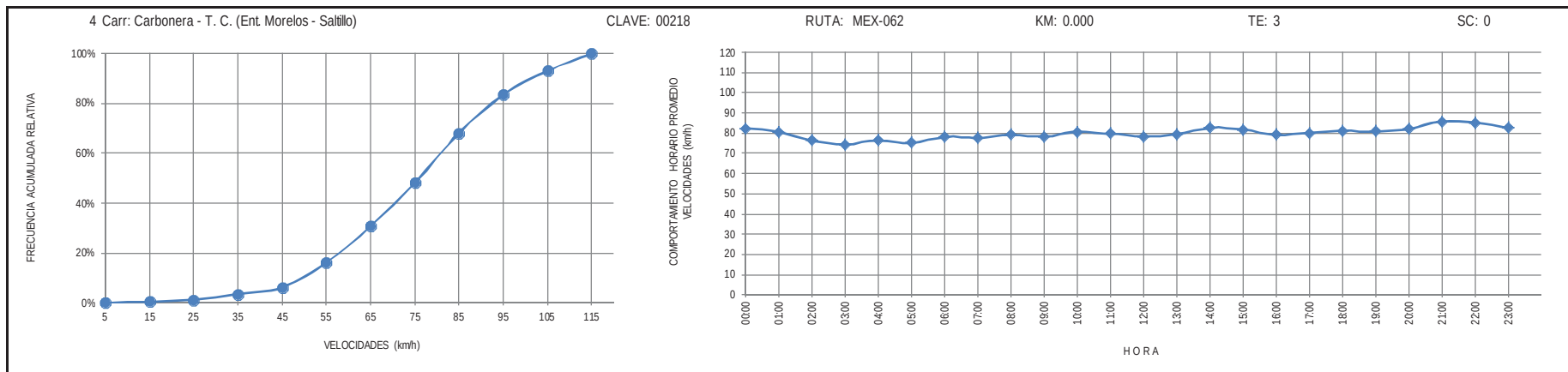
RUTA: MEX-045

KM: 0.000

TE: 3

SC: 1





7 Carr: Ent Morelos - Saltillo

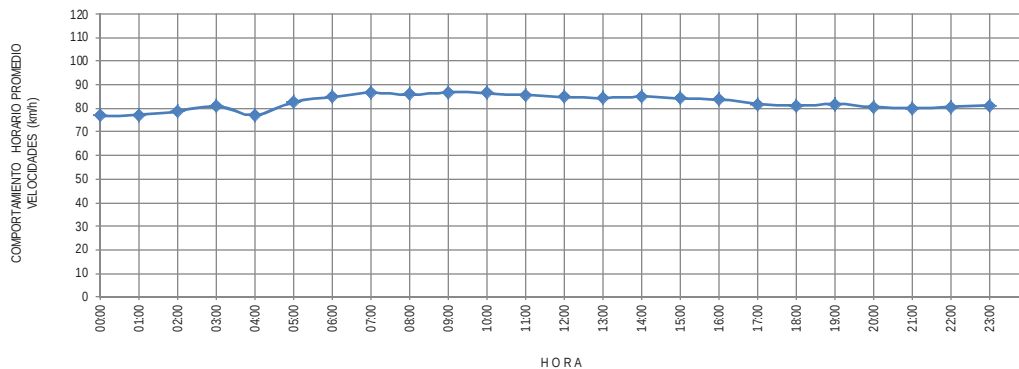
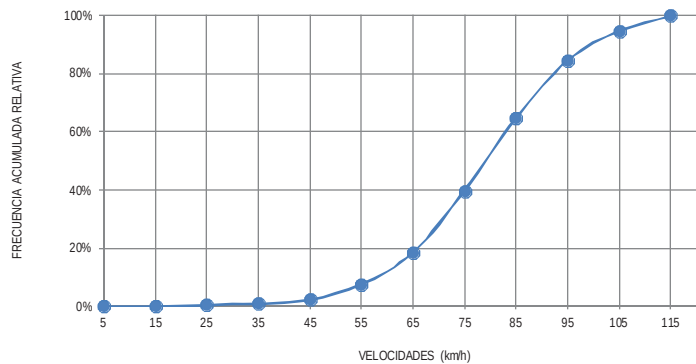
CLAVE: 00149

RUTA: MEX-054

KM: 0.000

TE: 3

SC: 1



8 Carr: Ent Rivier - San Marcos

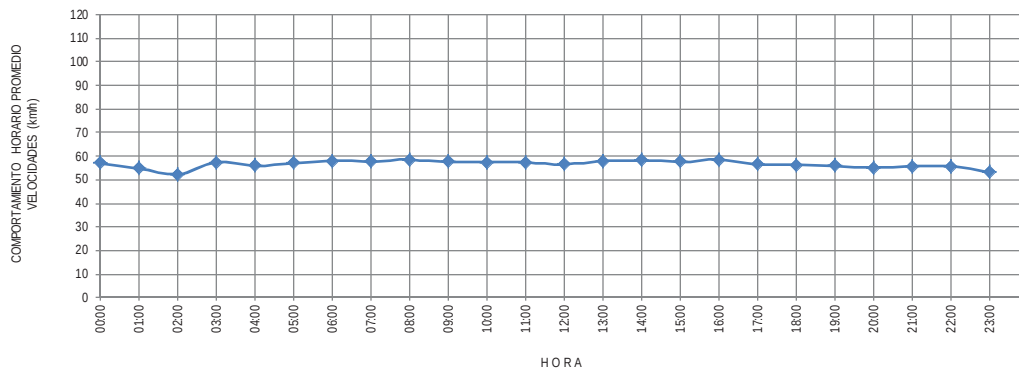
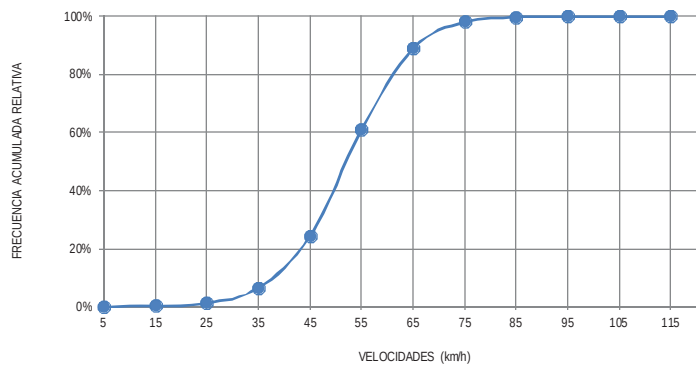
CLAVE: 00285

RUTA: MEX-066

KM: 0.000

TE: 3

SC: 1



9 Carr: Ent Tesisán - Ent Malpaso

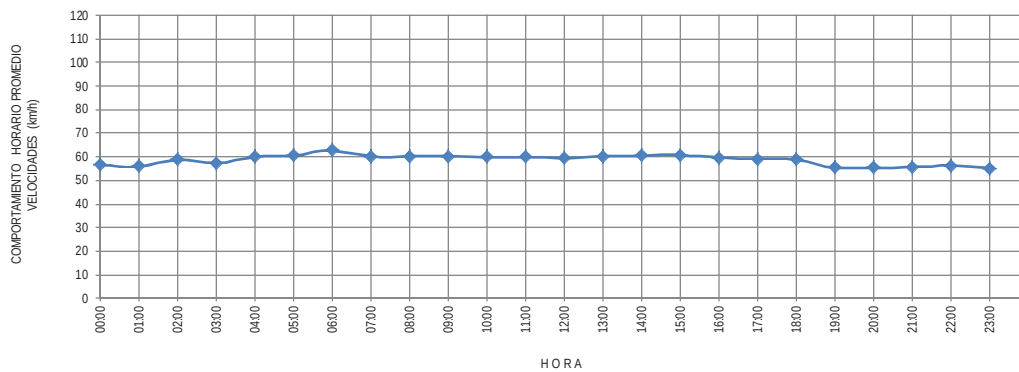
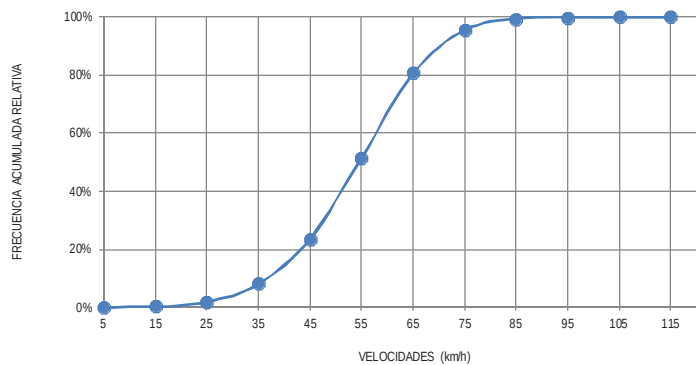
CLAVE: 00584

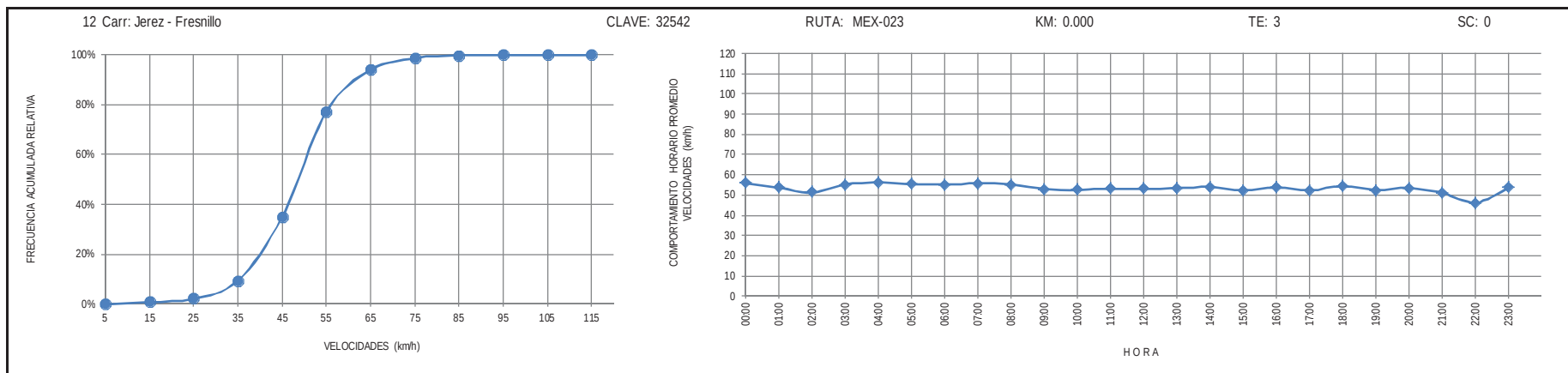
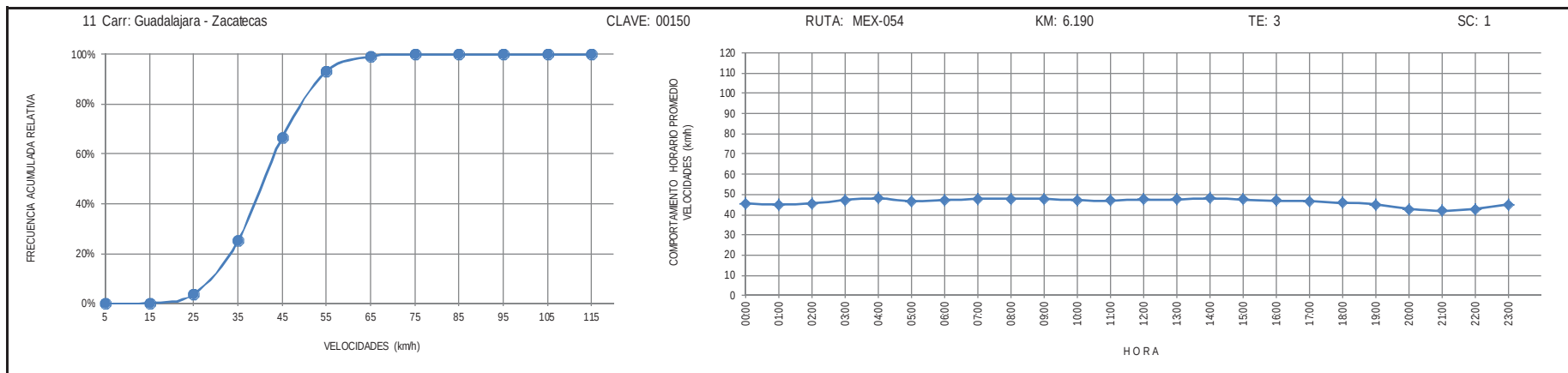
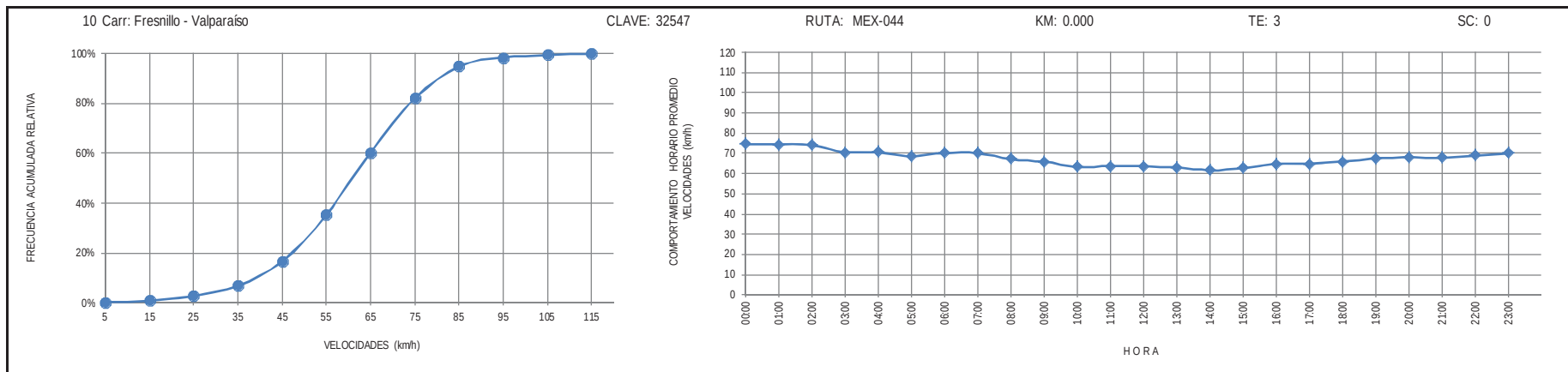
RUTA: MEX-023

KM: 0.000

TE: 3

SC: 0





13 Carr: Libramiento de Guadalupe - Zacatecas

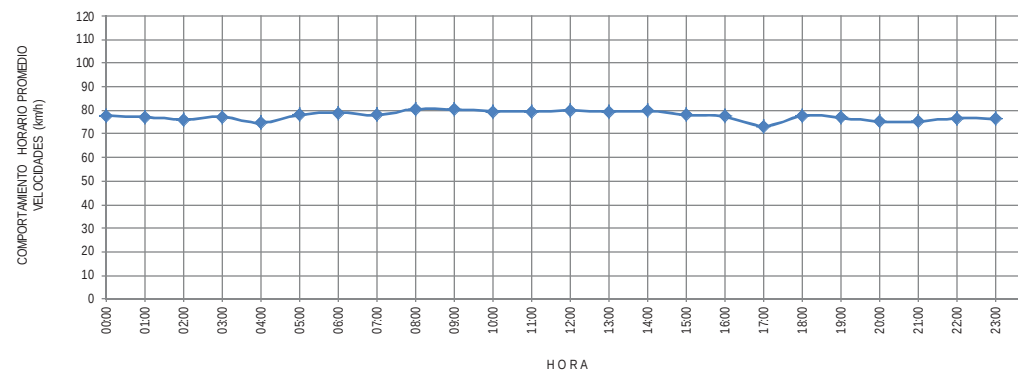
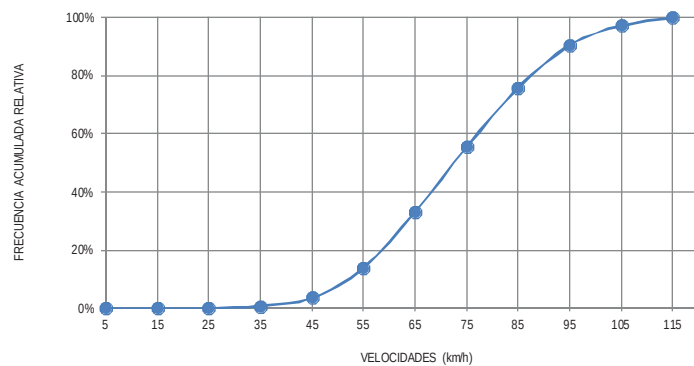
CLAVE: 32582

ruta: MEX-045

KM: 0.000

TE: 3

SC: 1



14 Carr: Providencia - Luis Moya

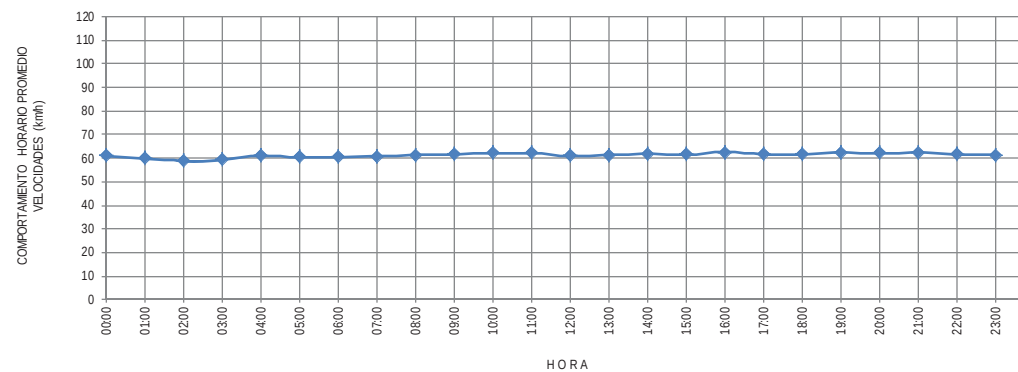
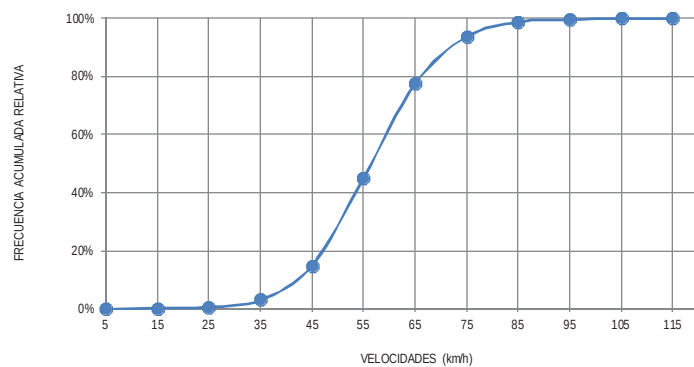
CLAVE: 00112

ruta: MEX-071

KM: 0.000

TE: 3

SC: 0



15 Carr: Ramal a Aeropuerto Zacatecas

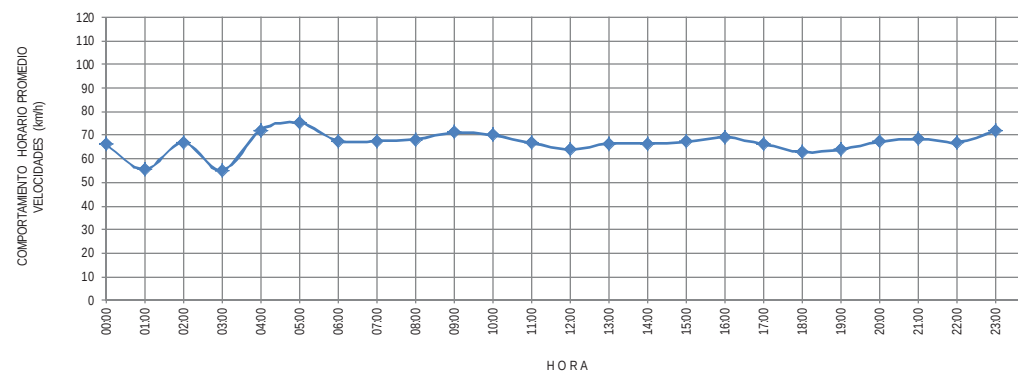
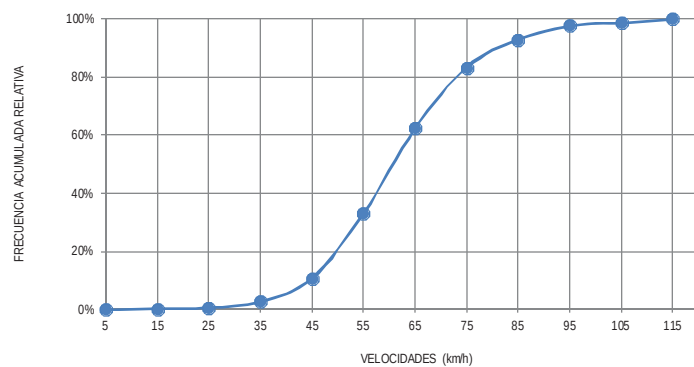
CLAVE: 32546

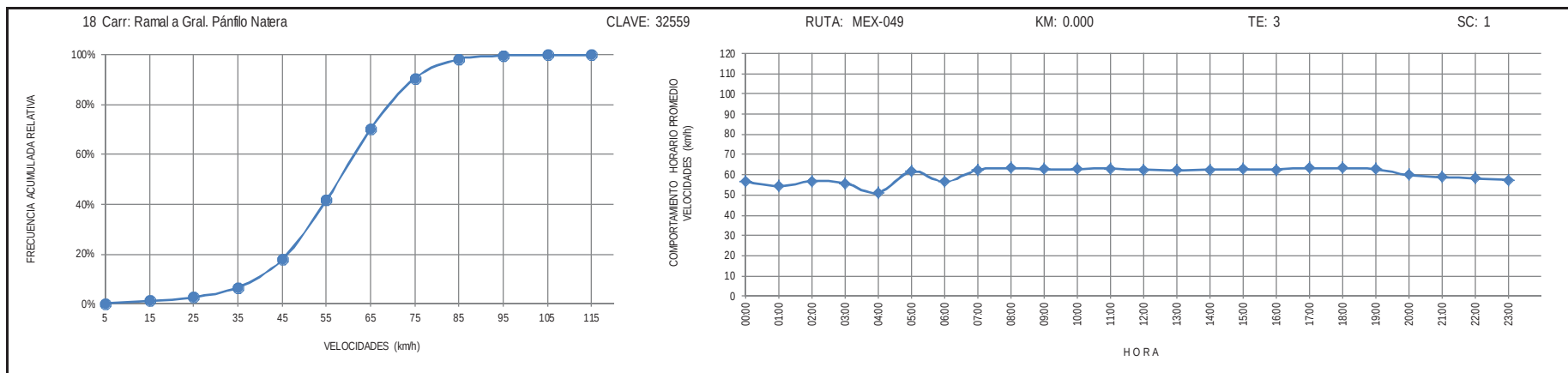
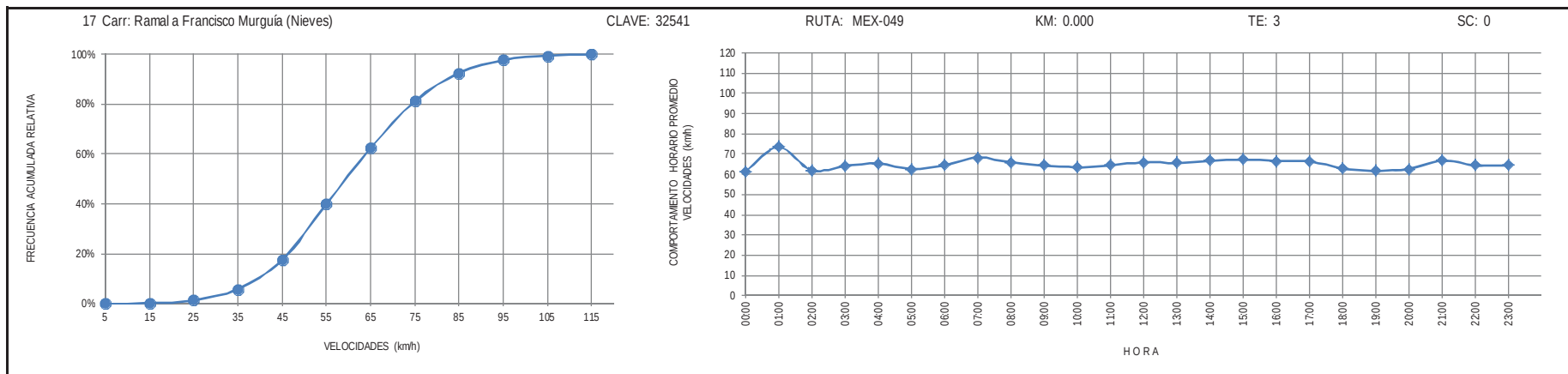
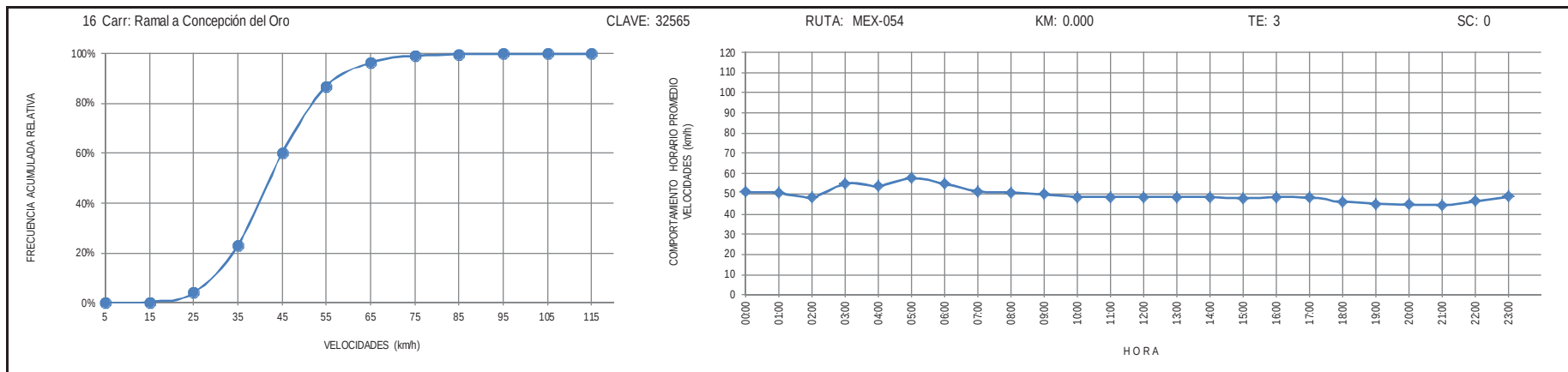
ruta: MEX-045

KM: 0.000

TE: 3

SC: 1





19 Carr: Ramal a Ruinas de Chicomstoc

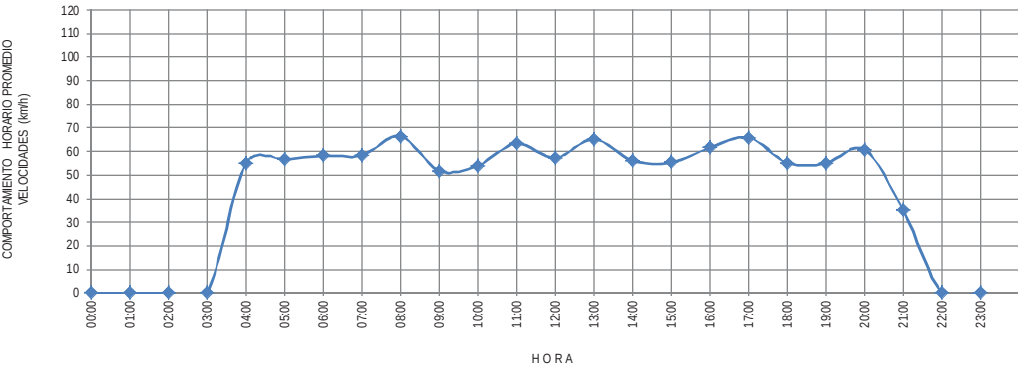
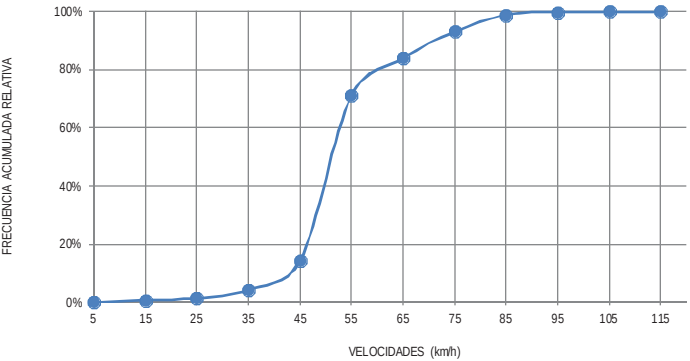
CLAVE: 00544

ruta: MEX-045

KM: 0.000

TE: 3

SC: 0



20 Carr: Ramal a San Martín

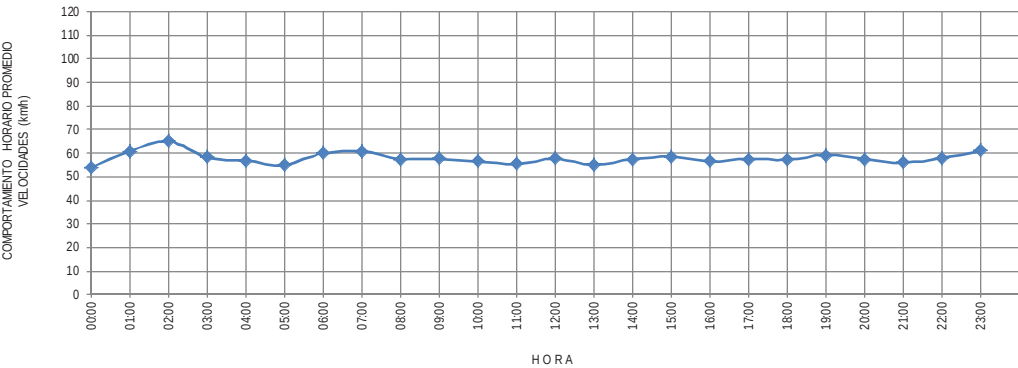
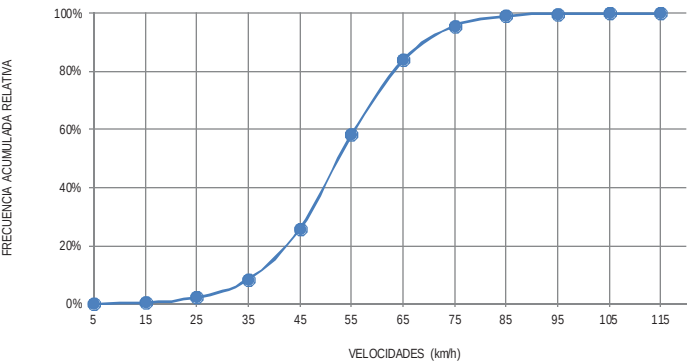
CLAVE: 00544

ruta: MEX-045

KM: 0.000

TE: 3

SC: 0



21 Carr: Ramal a Villa de Cos

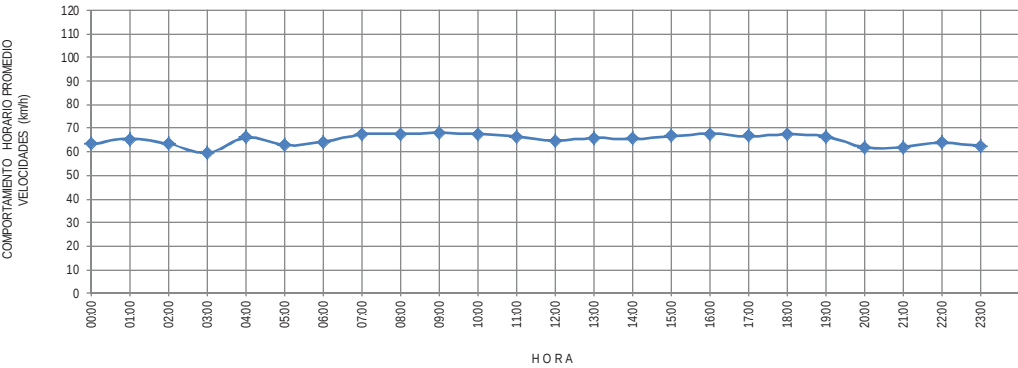
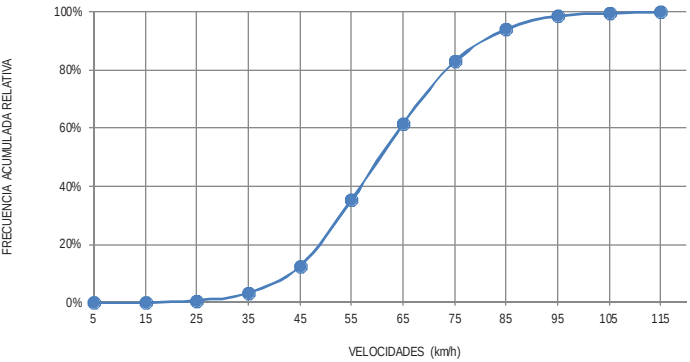
CLAVE: 32564

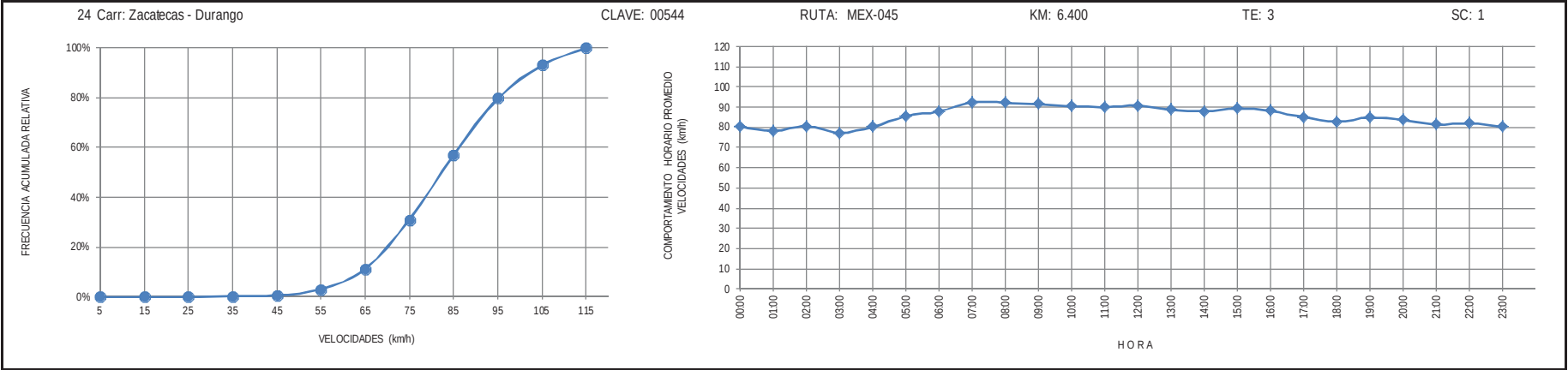
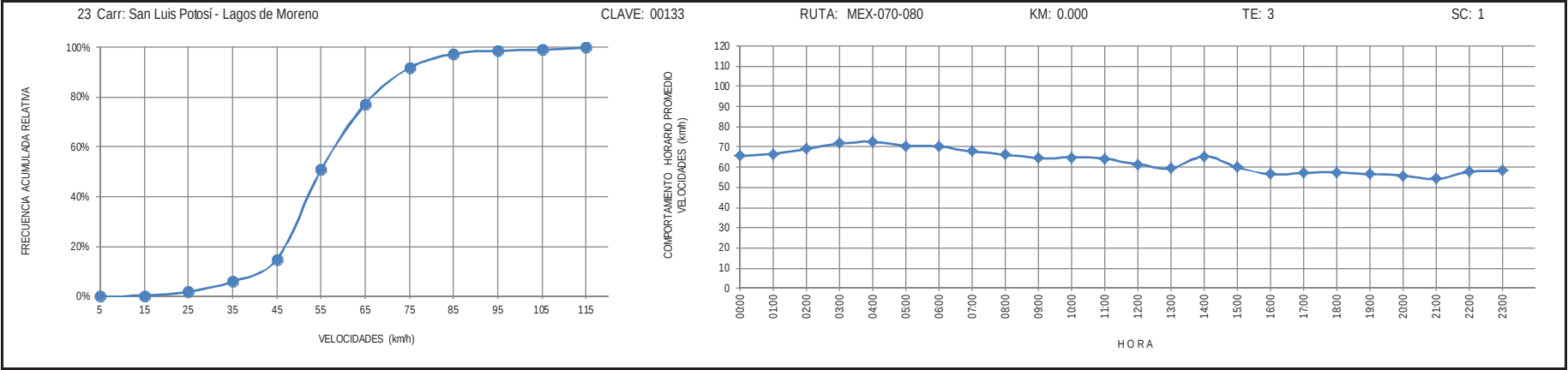
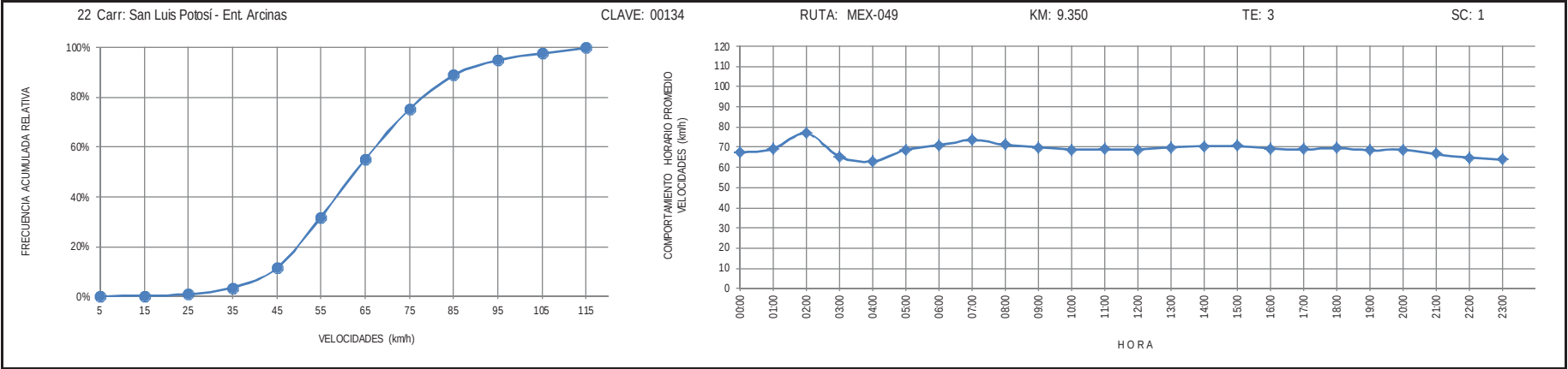
ruta: MEX-054

KM: 0.000

TE: 3

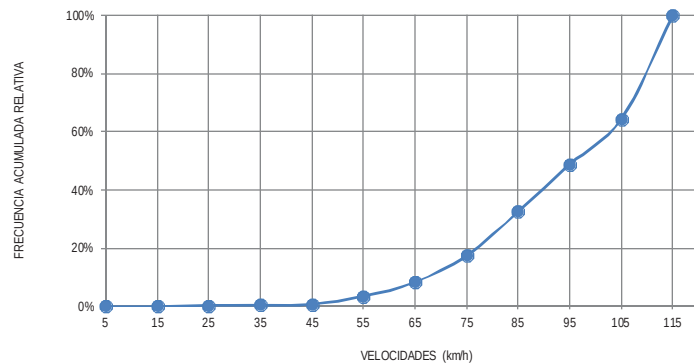
SC: 1





25 Carr: Cuauhtémoc - Osiris (Cuota)

CLAVE: 32558

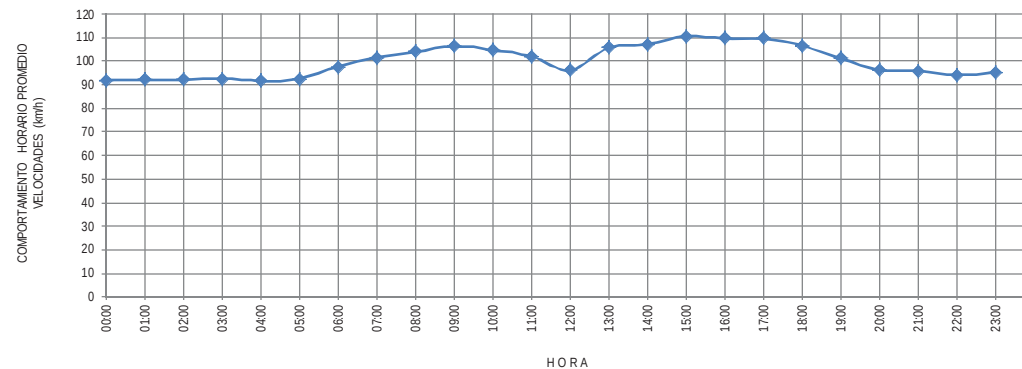


RUTA: MEX-045D

KM: 0.000

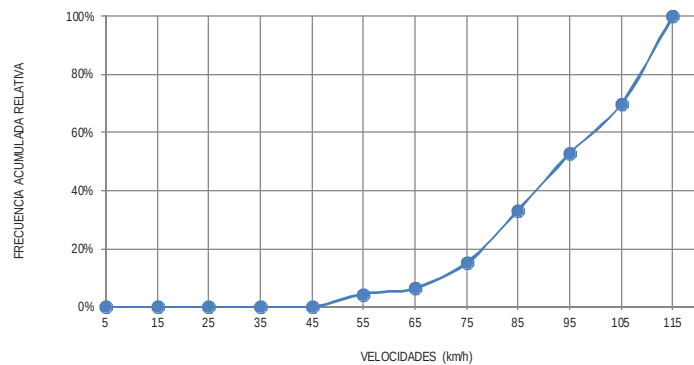
TE: 3

SC: 0



26 Carr: Libramiento de Fresnillo (Cuota)

CLAVE: 32581

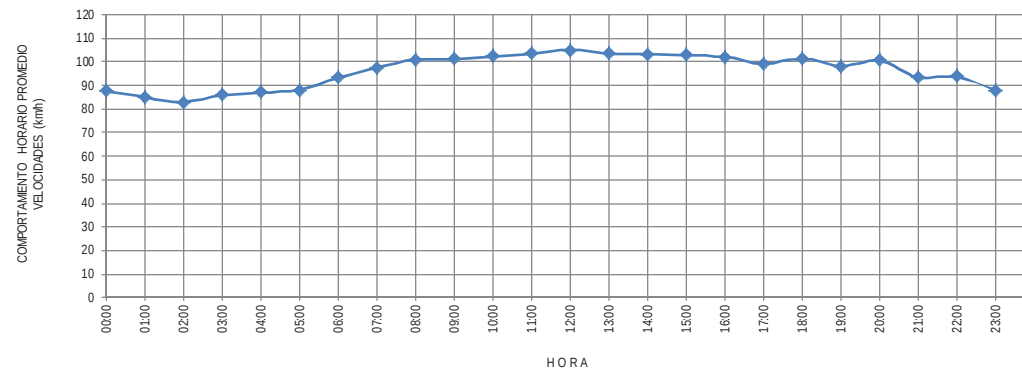


RUTA: MEX-045D

KM: 0.000

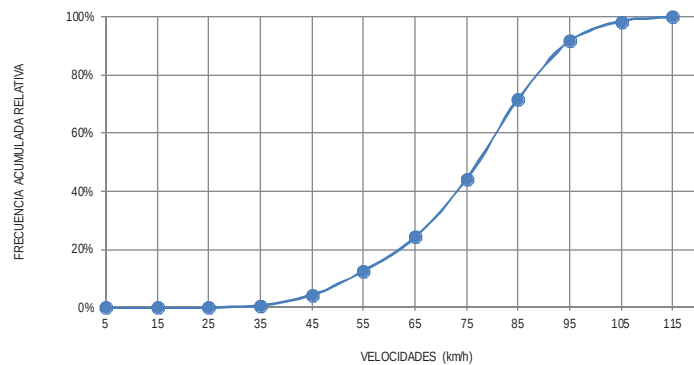
TE: 3

SC: 1



27 Carr: Libramiento de Víctor Rosales (Cuota)

CLAVE: 32015

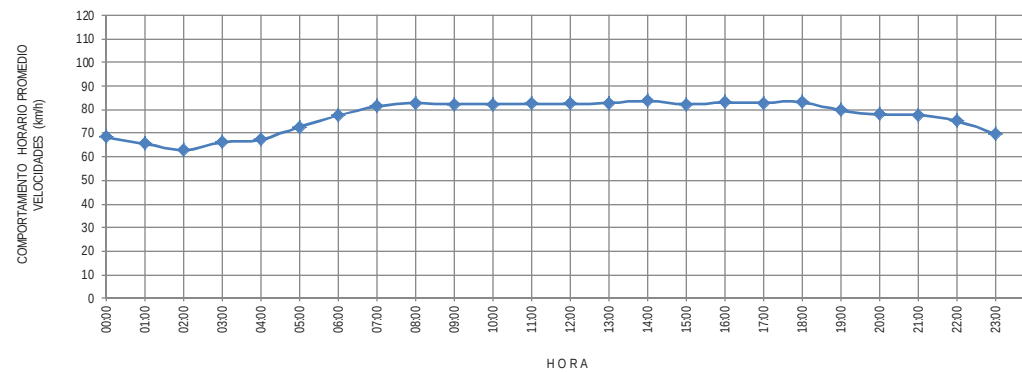


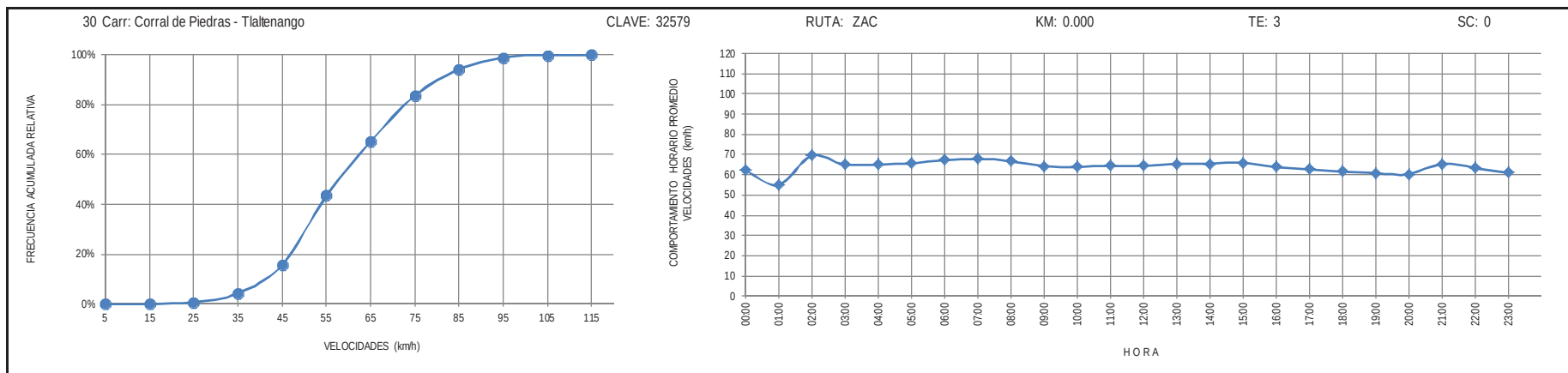
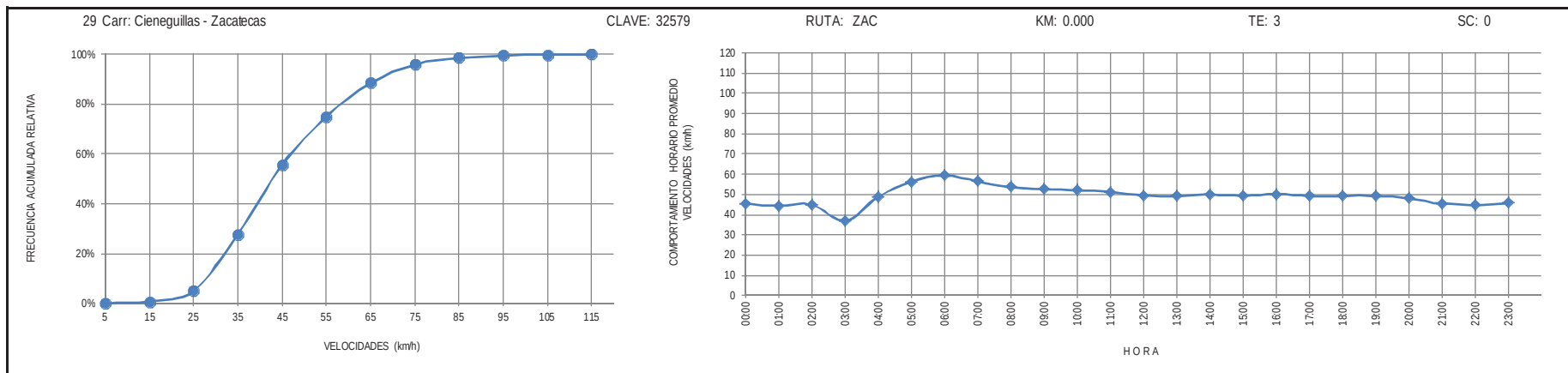
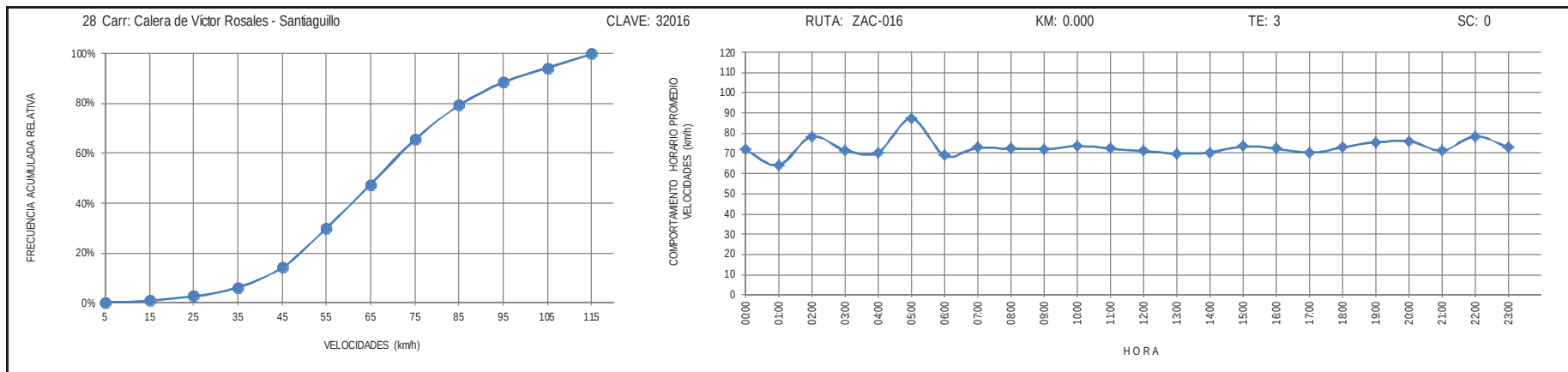
RUTA: MEX-045D

KM: 0.000

TE: 3

SC: 1





31 Carr: Ent Ojo Caliente - Ent. Ojuelos de Jalisco

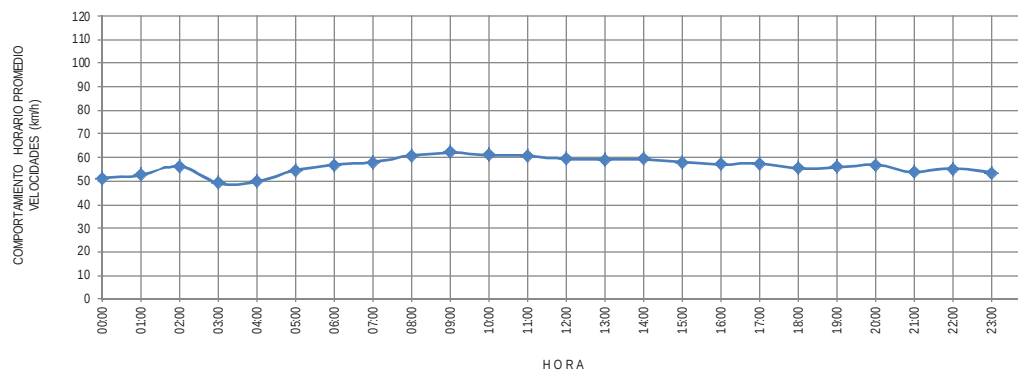
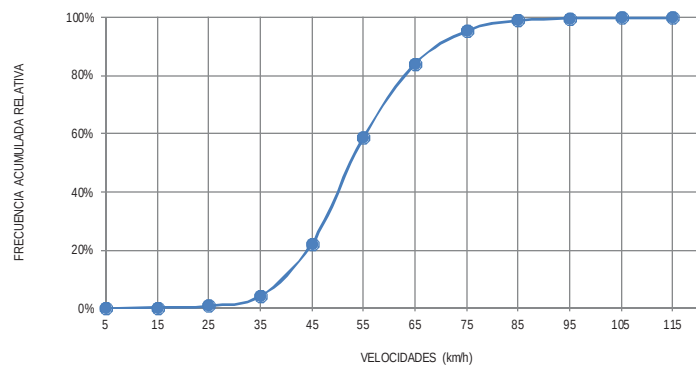
CLAVE: 00126

ruta: ZAC

KM: 0.000

TE: 3

SC: 0



32 Carr: Fresnillo - Ent. Bañón

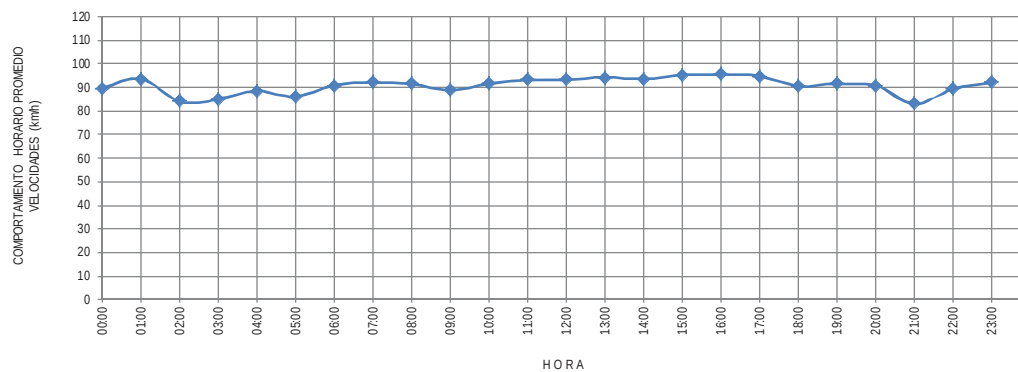
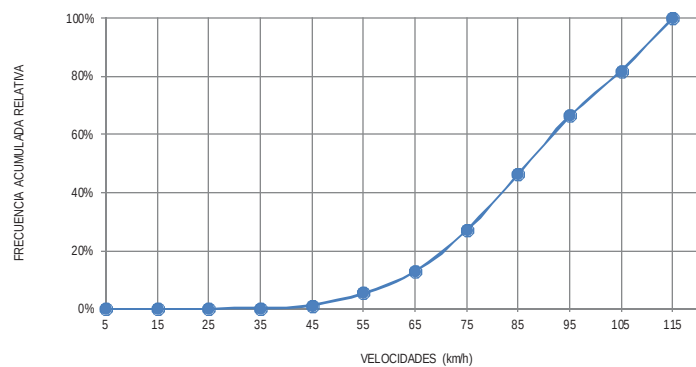
CLAVE: 32070

ruta: ZAC

KM: 2.400

TE: 3

SC: 1



33 Carr: Fresnillo - Plateros

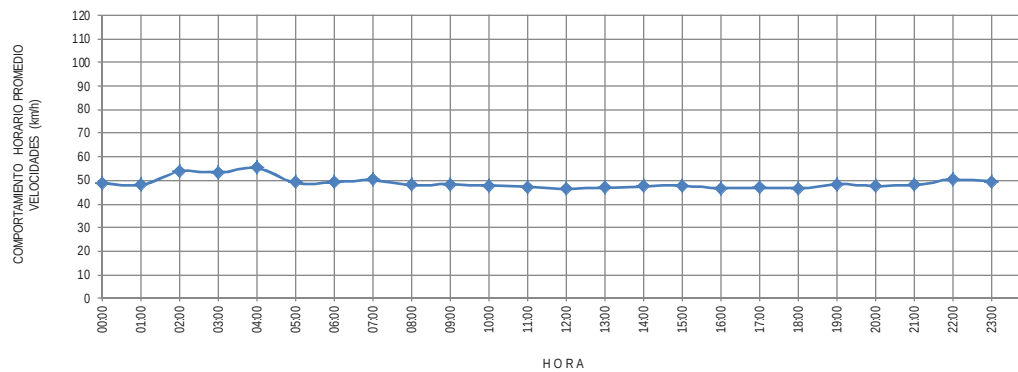
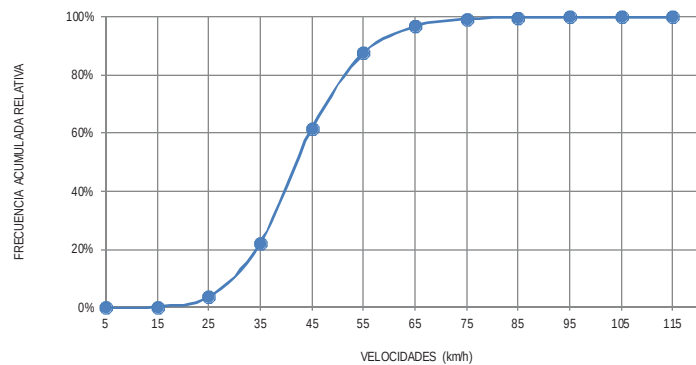
CLAVE: 32022

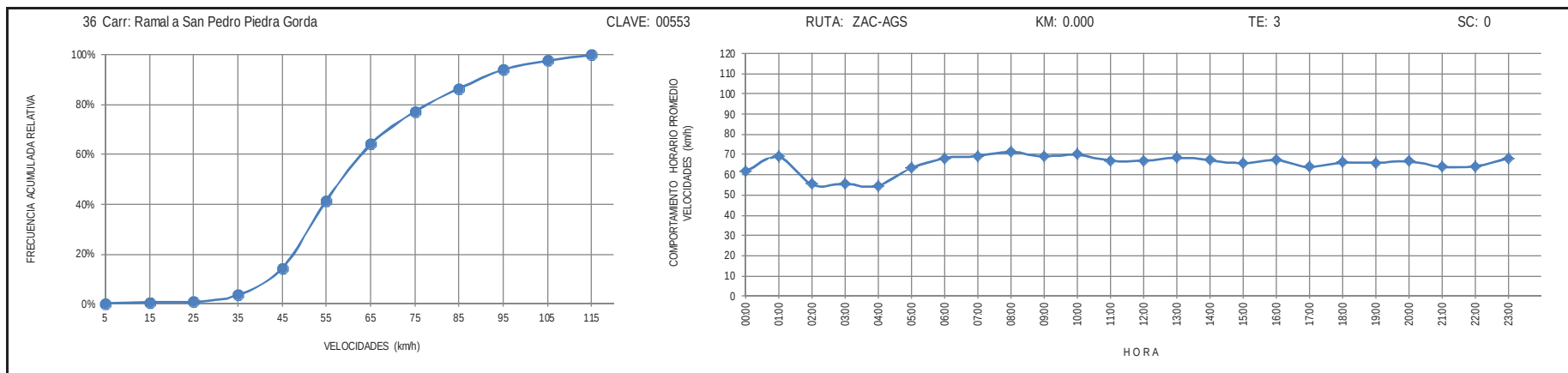
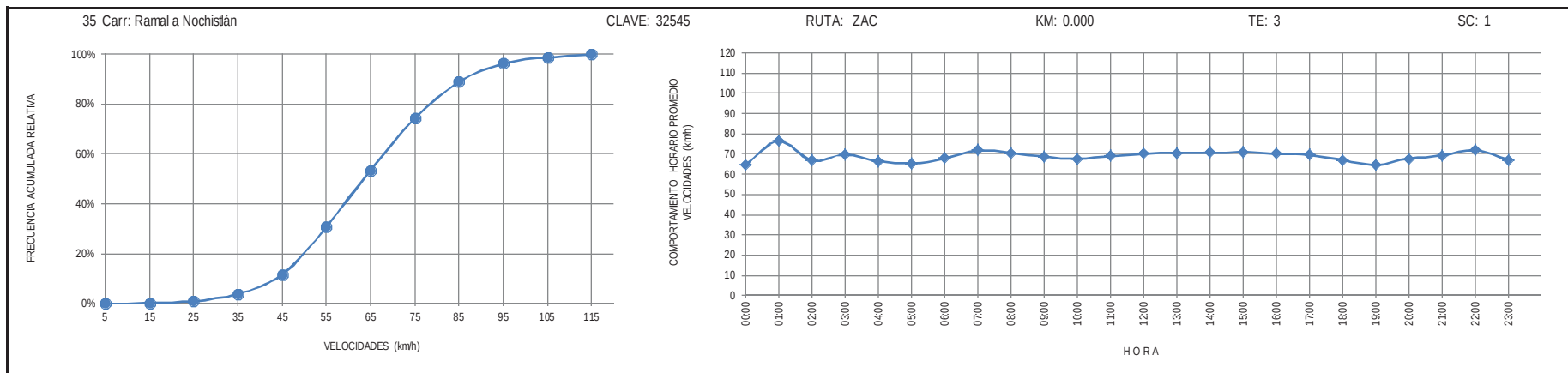
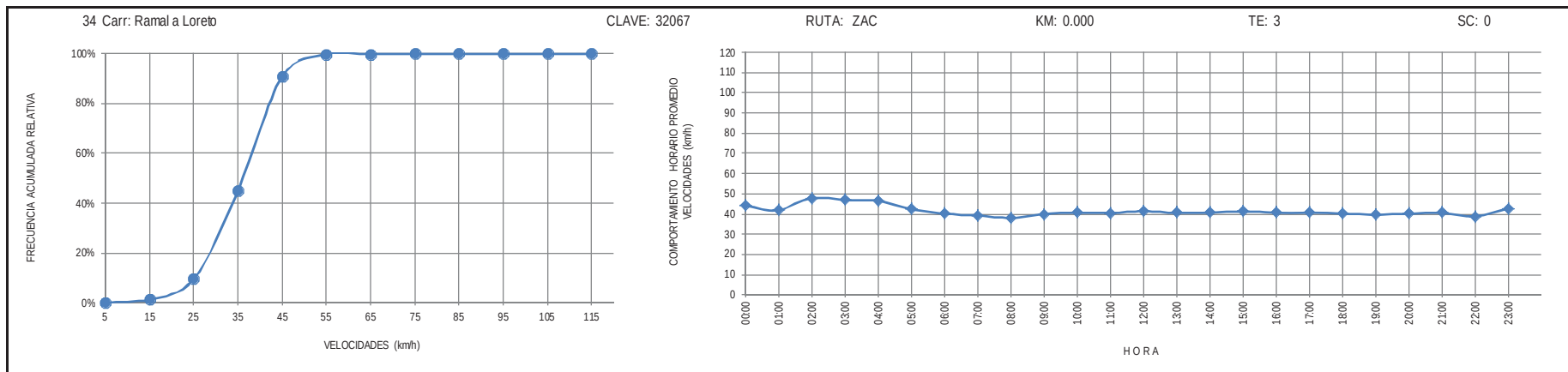
ruta: ZAC-022

KM: 0.000

TE: 3

SC: 1





37 Carr: San Gil - Jarillas

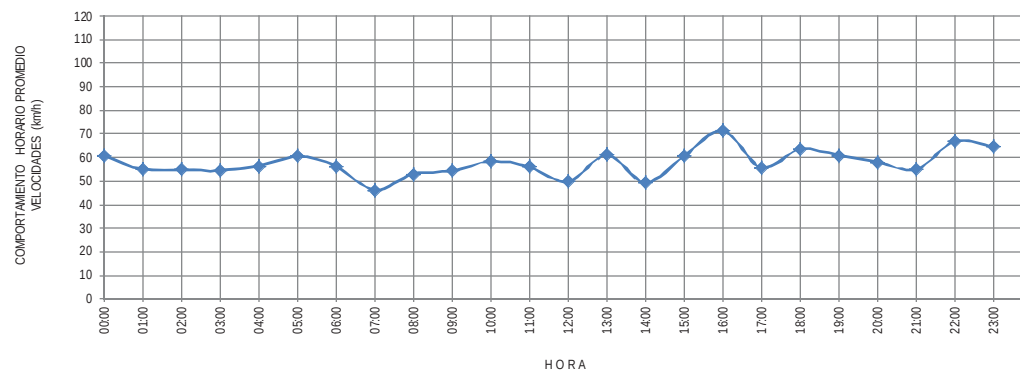
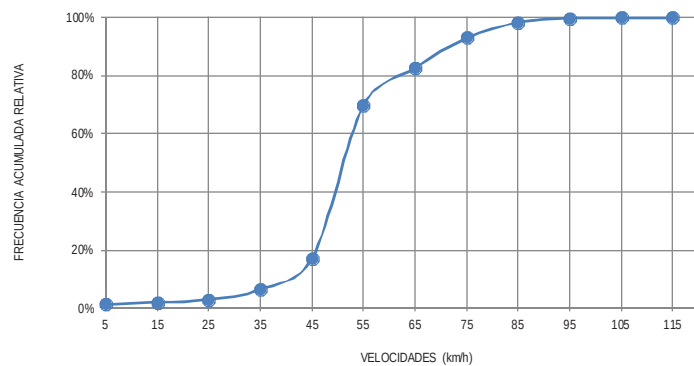
CLAVE: 00527

ruta: AGS-012-ZAC

KM: 0.000

TE: 3

SC: 0



38 Carr: San Rafael - Villa García

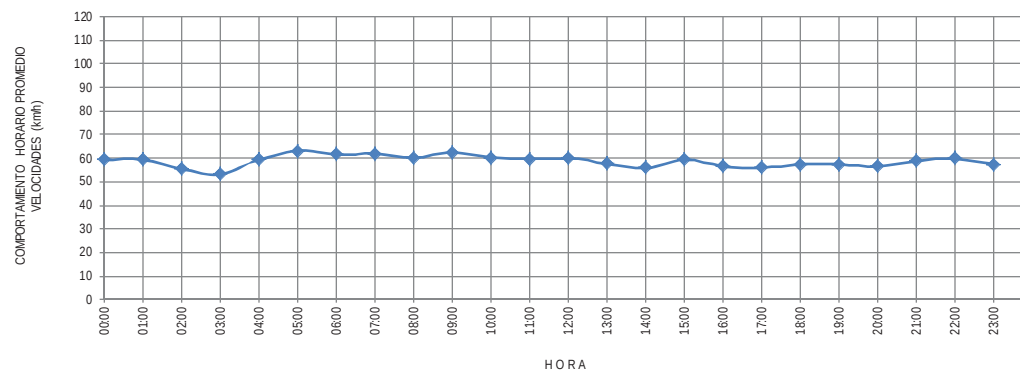
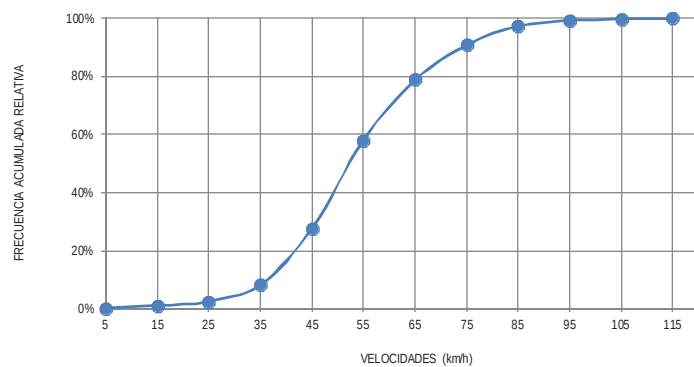
CLAVE: 00525

ruta: AGS-ZAC

KM: 0.000

TE: 3

SC: 0



39 Carr: Santa Mónica - Pozo de Gamboa

CLAVE: 32568

ruta: ZAC

KM: 7.600

TE: 3

SC: 0

