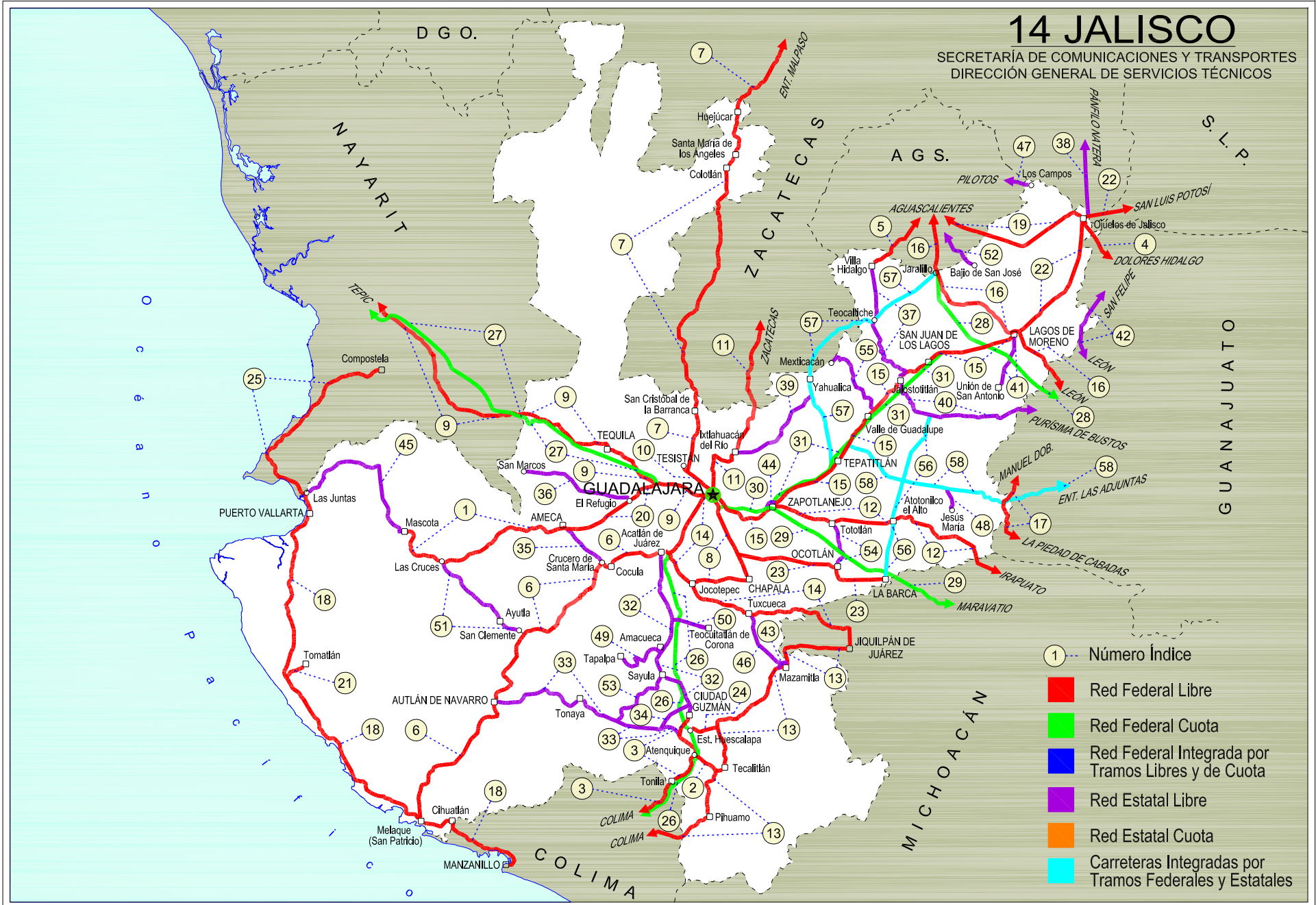


JALISCO

NO. INDICE	CARRETERA	ruta
---RED FEDERAL LIBRE---		
1	Ameca - Mascota	MEX-070
2	Atenquique - San Pedro	MEX-054
3	Cd. Guzmán - Colima	MEX-054
4	Dolores Hidalgo - Ojuelos de Jalisco	MEX-051
5	Ent. Penitenciaria - Villa Hidalgo	MEX-071
6	Ent. Santa Cruz - Melaque	MEX-080
7	Ent. Tesistán - Ent. Malpaso	MEX-023
8	Guadalajara - Ent. Jocotepec	MEX-023
9	Guadalajara - Tepic	MEX-015
10	Guadalajara - Tesistán	MEX-023
11	Guadalajara - Zacatecas	MEX-054
12	Irapuato - Zapotlanejo	MEX-090
13	Jiquilpan - Colima	MEX-110
14	Jiquilpan - Guadalajara	MEX-015
15	Lagos de Moreno - Guadalajara	MEX-080
16	León - Aguascalientes	MEX-045
17	Manuel Doblado - La Piedad	MEX-084
18	Manzanillo - Puerto Vallarta	MEX-200
19	Ojuelos - Aguascalientes	MEX-070
20	Ramal a Ameca	MEX
21	Ramal a Tomatlán	MEX-200
22	San Luis Potosí - Lagos de Moreno	MEX-070-080
23	Santa Rosa - La Barca	MEX-035
24	T. C. (Jiquilpan - Colima) - Est. Huescalapa	MEX-110
25	Tepic - Puerto Vallarta	MEX-200
---RED FEDERAL DE CUOTA---		
26	Guadalajara - Colima (Cuota)	MEX-054D
27	Guadalajara - Tepic (Cuota)	MEX-057D
28	León - Aguascalientes (Cuota)	MEX-045D
29	Maravatio - Zapotlanejo (Cuota)	MEX-015D
30	Zapotlanejo - Guadalajara (Cuota)	MEX-090D
31	Zapotlanejo - Lagos de Moreno (Cuota)	MEX-080D
---RED ESTATAL LIBRE---		
32	Acatlán de Juárez - Cd. Guzmán	JAL
33	Autlán de Navarro - T. C. (Acatlán de Juárez - Colima)	JAL
34	Cd. Guzmán - La Mesa y El Fresnito	JAL
35	Crucero de Santa María - Ameca	JAL
36	El Refugio - San Marcos	JAL-004
37	Ent. Jalostotitlán - Villa Hidalgo	JAL-009
38	Ent. Ojo Caliente - Ent. Ojuelos de Jalisco	ZAC
39	Ixtlahuacán del Río - T. C. (Tepatitlán - Jaralillo)	JAL
40	Jalostotitlán - Purísima de Bustos	JAL-GTO
41	Lagos de Moreno - Unión de San Antonio	JAL
42	León - San Felipe Torres Mochas	GTO
43	Libramiento de Mazamitla	JAL
44	Libramiento de Zapotlanejo	JAL
45	Mascota - Puerto Vallarta	JAL
46	Mazamitla - Tuxcueca	JAL
47	Pilotos - Los Campos	AGS-030
48	Ramal a Jesús María	JAL-004
49	Ramal a Tapalpa	JAL-022
50	Ramal a Teocuitatlán de Corona	JAL
51	San Clemente - Ent. Las Cruces	JAL
52	San Isidro El Grande - Bajío de San José	AGS-036
53	Sayula - Venustiano Carranza	JAL
54	Tototlán - Ocotlán	JAL
55	Valle de Guadalupe - Mexxicacán	JAL
---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---		
56	San Miguel El Alto - La Barca	JAL-005-MEX-071
57	Tepatitlán - Jaralillo	MEX-JAL-ZAC
58	Tepatitlán - Las Adjuntas	JAL/MEX-084

14 JALISCO

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



JALISCO

1 C A R R : Ameca - Mascota

CLAVE: 14071

RUTA: MEX-070

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Ameca	0.00	3	0	3725	62.8	74.5	94.1	12.8	60.5	71.9	84.1	11.7	58.1	68.3	84.3	10.4	20.535028	-104.054090
T. Izq. San Clemente	74.30	1	0	1699	39.5	44.3	56.2	8.8	42.4	48.1	61.0	9.2	39.0	48.2	55.0	11.2	20.382006	-104.542250
Mascota	118.10	1	0	2492	41.9	47.9	60.9	8.6	39.9	44.2	53.7	7.7	39.9	48.6	54.9	10.0	20.522307	-104.778647

2 C A R R : Atenquique - San Pedro

CLAVE: 14224

RUTA: MEX-054

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. Cuatro Caminos	0.00	3	0	2922	35.6	43.1	54.5	9.1	53.7	53.4	54.8	2.4	37.7	46.6	53.9	9.5	19.529547	-103.420951
T. C. Jiquilpan - Colima	12.40	1	0	2172	47.5	53.1	86.1	9.9	44.6	51.3	54.5	8.6	45.0	52.1	58.4	9.7	19.459233	-103.350304

3 C A R R : Cd. Guzmán - Colima

CLAVE: 00117

RUTA: MEX-054

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cd. Guzmán	0.00	3	1	8289	35.4	42.8	54.8	9.1	37.1	45.1	53.7	9.2	35.8	43.6	54.1	9.1	19.677456	-103.475068
Cd. Guzmán	0.00	3	2	8405	35.3	42.7	54.9	9.2	36.1	44.1	53.5	9.0	35.6	43.2	54.1	9.1	19.677448	-103.475064
T. Izq. Zapotiltic	4.35	3	0	5113	53.3	59.4	79.4	9.1	50.1	53.5	62.9	7.3	51.1	55.3	71.7	8.9	19.650040	-103.473045
T. Der. Tepozal y Nevado de Colima	10.70	1	0	4493	66.3	80.0	99.1	13.8	62.9	74.7	90.0	12.6	61.3	74.6	96.2	14.8	19.558846	-103.440289
Atenquique	31.90	1	0	2332	35.2	42.8	54.6	9.1	49.2	52.8	54.7	8.1	39.1	49.1	54.2	10.3	19.529985	-103.434508
Atenquique	31.90	3	0	2288	35.3	43.0	54.4	9.0	53.1	53.3	54.8	3.4	40.2	50.1	54.3	10.7	19.526993	-103.438773
Lim. Edos. Term. Jal. Ppia. Col.	56.50																	
T. Der. Quesería	58.35	1	0	6091	64.3	77.4	101.9	13.0	56.7	59.1	79.2	5.7	61.1	76.4	99.5	14.1	19.392490	-103.564816
Cuahtémoc	66.25	1	0	4895	62.7	70.5	83.9	9.4	63.0	69.4	80.5	8.1	61.5	69.8	84.4	10.4	19.326378	-103.594761
Cuahtémoc	66.25	3	0	5353	72.1	88.8	114.2	15.9	66.4	81.7	99.9	13.7	70.2	90.4	118.3	18.0	19.323934	-103.612039
El Trapiche	76.55	3	1	12809	87.0	92.8	104.0	8.0	80.6	83.6	92.4	7.1	73.6	82.2	91.0	11.0	19.282457	-103.662050
El Trapiche	76.55	3	2	14437	94.5	108.1	129.5	13.8	92.1	107.3	125.2	15.9	86.3	103.2	128.0	16.7	19.282455	-103.662047
T. Izq. Libramiento de Colima	78.05	1	1	14766	73.0	87.7	108.8	14.8	68.6	83.4	104.3	15.6	64.1	78.0	103.6	13.4	19.268362	-103.675883
T. Izq. Libramiento de Colima	78.05	1	2	14036	55.4	60.5	69.6	6.3	52.9	54.5	63.4	5.5	52.4	53.9	62.7	5.6	19.268361	-103.675888
T. C. Cuahtémoc - Colima	83.40																	

JALISCO

4 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

5 C A R R : Ent. Penitenciaria - Villa Hidalgo

CLAVE: 00120

RUTA : MEX-071

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Aguascalientes - Jalpa	0.00	3	0	3964	35.5	43.0	54.6	9.2	38.6	47.2	54.0	9.3	37.0	45.8	54.0	9.5	21.880135	-102.368919
T. Izq. El Niágara	9.20	3	0	2767	47.9	53.3	106.1	10.7	43.9	51.2	58.2	8.8	45.3	52.2	57.4	9.6	21.803088	-102.392841
El Taray	27.00	3	0	2937	53.5	59.2	78.6	8.8	50.0	54.1	64.9	8.1	51.2	55.0	71.8	8.7	21.726692	-102.508026
Lim. Edos. Term. Ags. Ppia. Jal.	29.58																	
Villa Hidalgo	38.00	1	0	3217	48.8	54.2	65.0	8.5	49.0	53.1	64.8	7.9	48.4	53.1	64.3	8.7	21.696968	-102.566647

6 C A R R : Ent. Santa Cruz - Melaque

CLAVE: 14118

RUTA : MEX-080

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. Jiquilpan - Guadalajara	0.00																	
T. Izq. Acatlán de Juárez (1º Acceso)	4.80	3	1	4595	97.7	113.8	134.0	16.0	91.5	102.2	121.2	12.8	87.1	97.3	119.8	12.6	20.432366	-103.591110
T. Izq. Acatlán de Juárez (1º Acceso)	4.80	3	2	4737	99.3	117.6	138.2	17.7	94.5	104.5	123.5	12.8	88.8	101.7	123.6	15.0	20.432366	-103.591110
T. Izq. Acatlán de Juárez (2º Acceso)	7.60	3	1	4723	97.6	113.7	133.9	16.0	93.0	103.0	123.4	12.1	88.7	100.6	124.0	13.5	20.421799	-103.612217
T. Izq. Acatlán de Juárez (2º Acceso)	7.60	3	2	4842	99.2	117.7	138.2	17.8	95.9	105.3	130.0	12.8	90.4	103.7	128.9	15.3	20.421799	-103.612217
Cocula	35.00	1	1	5017	97.6	113.7	133.9	16.0	91.2	102.2	121.5	13.2	88.8	100.7	124.2	13.5	20.384510	-103.814426
Cocula	35.00	1	2	5057	99.4	117.8	138.3	17.8	94.7	104.7	125.2	13.0	90.6	104.1	129.8	15.5	20.384510	-103.814426
Cocula	35.00	3	1	5105	97.6	113.7	133.9	16.0	92.9	103.1	123.7	12.3	87.9	100.3	123.2	13.9	20.376368	-103.844284
Cocula	35.00	3	2	5187	99.5	117.9	138.3	17.8	95.8	105.3	128.6	12.7	90.8	104.0	129.8	15.2	20.376368	-103.844284
Tecolotlán	73.31	3	0	4399	98.6	115.6	136.4	16.9	90.7	102.1	117.1	13.7	87.5	101.1	123.3	15.0	20.179859	-104.039568
T. Der. Ayutla	103.28	3	0	4793	98.6	115.5	136.3	16.9	90.4	102.0	115.6	13.9	87.9	101.5	123.4	15.1	20.070965	-104.228766
T. Izq. El Grullo	138.60	3	0	4164	38.8	44.2	56.3	8.6	41.2	47.9	54.6	9.0	39.8	50.1	55.0	11.5	19.850335	-104.284406
Autlán de Navarro	153.20	3	0	5167	60.9	69.2	81.9	10.2	56.5	58.7	66.7	4.3	53.7	62.4	78.5	10.3	19.740445	-104.360249
T. Izq. Cuautitlán	250.00	1	0	4004	74.5	88.0	104.8	14.8	69.0	80.5	92.4	12.2	69.2	79.3	99.7	12.4	19.505009	-104.546959

JALISCO

6 C A R R : Ent. Santa Cruz - Melaque

CLAVE: 14118

RUTA: MEX-080

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. Manzanillo - Puerto Vallarta	257.40	1	0	2170	61.3	69.4	81.7	9.8	56.2	56.9	65.0	3.6	54.9	62.3	74.9	8.5	19.242476	-104.710080

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

CLAVE: 00584

RUTA: MEX-023

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. Guadalajara - Tesistán	0.00	3	0	16557	60.8	69.2	82.0	10.2	56.0	58.4	65.2	4.3	51.6	62.0	77.8	11.8	20.787045	-103.461512
Lim. Edos. Term. Jal. Ppia. Zac.	42.00																	
García de La Cadena	54.00	1	0	1661	46.0	52.0	64.8	7.6	44.1	51.3	56.7	8.8	47.3	52.5	54.9	9.0	21.192784	-103.464462
Tlaltenango de Sánchez Román	147.50	3	0	4105	47.5	53.0	94.7	10.2	43.6	51.2	59.4	9.0	44.6	51.9	57.8	9.5	21.801042	-103.298821
Momax	165.00	3	0	4190	48.0	53.4	110.5	11.0	43.7	51.2	59.7	8.9	45.6	52.3	57.7	9.8	21.932202	-103.309859
Lim. Edos. Term. Zac. Ppia. Jal.	171.80																	
Colotlán	175.00	1	0	3072	48.8	54.2	65.2	8.6	47.8	52.4	60.6	7.7	48.3	53.1	63.6	8.4	22.093442	-103.271323
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	2965	64.2	74.6	93.7	11.9	57.4	65.7	82.6	9.2	57.4	68.6	89.1	11.7	22.464388	-103.144255
Jerez de García Salinas	249.00	1	0	5525	77.6	87.2	105.3	11.6	72.5	82.7	96.1	11.8	72.3	83.8	101.0	13.0	22.610929	-103.011269
T. C. Guadalajara - Zacatecas	275.00	1	0	5455	69.9	80.5	97.3	12.1	65.3	72.6	84.0	8.8	65.5	74.5	93.5	11.2	22.616637	-102.760112

8 C A R R : Guadalajara - Ent. Jocotepec

CLAVE: 14222

RUTA: MEX-023

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
Guadalajara	0.00																	
X. Periférico de Guadalajara	4.14	3	1	47532	48.9	52.9	68.1	8.6	45.5	51.0	55.0	7.0	47.8	52.9	61.7	9.0	20.586954	-103.319690
X. Periférico de Guadalajara	4.14	3	2	48016	58.8	64.4	84.6	9.5	54.9	60.9	74.2	7.2	54.7	59.4	74.6	6.6	20.586942	-103.319697
T. Der. Aeropuerto	11.38	3	1	53252	48.9	52.8	68.5	8.6	45.5	50.9	55.0	6.9	48.3	52.9	61.2	8.6	20.527225	-103.291620
T. Der. Aeropuerto	11.38	3	2	52708	58.7	64.3	84.4	9.4	54.8	60.7	73.8	7.2	54.8	59.3	74.2	6.3	20.527231	-103.291619
T. Izq. Ocotlán	28.50	1	1	19481	48.4	52.6	67.1	8.6	45.4	50.9	55.4	7.0	46.5	52.0	61.0	7.9	20.423579	-103.237461
T. Izq. Ocotlán	28.50	1	2	19641	58.6	64.3	84.4	9.5	55.0	60.9	74.5	7.1	55.6	61.5	77.2	7.4	20.424026	-103.237287
T. Izq. Ocotlán	28.50	3	1	8959	48.3	52.6	69.9	8.7	45.9	50.9	54.5	6.7	46.8	52.2	60.2	8.2	20.412622	-103.232809
T. Izq. Ocotlán	28.50	3	2	8752	58.6	64.1	86.6	9.5	54.3	54.6	64.3	3.9	55.2	61.1	74.6	7.1	20.412627	-103.232809
Chapala	48.50	1	1	6317	48.4	52.6	68.5	8.6	50.0	52.5	54.7	6.0	46.6	52.1	60.6	8.1	20.309642	-103.193111
Chapala	48.50	1	2	6401	58.5	64.0	84.8	9.3	55.0	53.6	54.9	0.2	55.4	61.5	76.1	7.4	20.309643	-103.193116

JALISCO

8 C A R R : Guadalajara - Ent. Jocotepec

CLAVE: 14222

RUTA: MEX-023

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
Chapala	48.50	3	0	11467	35.4	42.8	54.9	9.2	45.2	51.9	54.6	9.6	36.4	44.4	54.1	9.2	20.292044	-103.213535
T. C. Jiquilpan - Guadalajara	76.50	1	1	4847	62.5	75.5	96.8	13.2	59.2	71.8	88.4	11.9	59.6	72.3	94.2	12.6	20.279195	-103.443749
T. C. Jiquilpan - Guadalajara	76.50	1	2	4807	63.7	74.4	91.0	12.1	61.9	72.6	84.2	12.1	61.5	72.4	84.9	12.0	20.279195	-103.443748

9 C A R R : Guadalajara - Tepic

CLAVE: 00031

RUTA: MEX-015

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Guadalajara	0.00																	
T. Der. Base Aérea No. 2	8.30	3	1	24909	58.6	65.0	77.1	9.6	54.6	60.4	70.8	7.4	50.9	58.4	70.1	10.0	20.712554	-103.469272
T. Der. Base Aérea No. 2	8.30	3	2	23702	63.8	71.9	83.8	9.6	59.2	67.6	83.2	10.2	55.5	64.6	81.8	10.5	20.712553	-103.469272
T. Izq. La Primavera	20.50	1	1	18596	82.8	95.6	114.9	13.9	83.2	93.2	104.5	11.8	74.3	86.2	102.7	12.5	20.727892	-103.550723
T. Izq. La Primavera	20.50	1	2	16939	75.4	86.0	103.3	11.6	79.6	88.6	99.4	10.8	73.0	82.2	95.9	11.0	20.727894	-103.550725
El Arenal	36.20	1	1	6730	43.6	49.3	61.9	7.8	42.1	46.1	54.0	6.9	41.7	50.5	54.6	10.3	20.773639	-103.686500
El Arenal	36.20	1	2	6439	39.8	44.8	60.6	8.9	39.0	44.7	54.4	8.6	40.4	50.9	54.8	11.8	20.773639	-103.686500
Tequila	57.50	3	0	7801	52.1	59.4	71.3	9.1	50.1	54.6	67.9	8.6	51.0	54.1	68.7	8.1	20.901374	-103.835571
Magdalena	76.80	3	0	6655	52.0	59.4	71.4	9.3	49.6	54.2	65.1	8.4	50.9	54.2	69.4	8.3	20.921328	-103.995505
Lim. Edos. Term. Jal. Ppia. Nay.	123.09																	
Ixtlán del Río	138.84	1	0	9746	70.7	83.3	109.7	13.6	68.1	81.5	100.9	13.2	67.0	81.5	114.5	14.9	21.033645	-104.348287
Ixtlán del Río	138.84	3	0	9638	70.5	82.9	108.5	13.4	67.9	81.1	99.1	12.9	68.4	83.0	116.4	15.1	21.037159	-104.394593
Ahuacatlán	152.00	1	0	9184	56.6	62.9	75.9	8.3	52.1	58.5	70.0	8.3	52.6	57.4	69.9	7.6	21.055602	-104.478333
Ahuacatlán	152.00	3	0	6187	56.2	62.7	75.9	8.3	51.7	58.1	70.3	8.6	53.0	54.9	72.0	6.9	21.058421	-104.489409
T. Izq. Amado Nervo	167.32	1	0	5720	56.5	62.9	76.4	8.4	52.0	58.3	70.3	8.4	53.1	54.7	71.8	6.7	21.126617	-104.598881
T. Izq. Compostela	175.50	1	0	6483	56.3	62.8	76.6	8.4	52.0	58.2	70.3	8.3	53.3	54.9	72.4	6.7	21.178705	-104.630280
T. Izq. Compostela	175.50	3	0	4469	56.3	62.9	77.7	8.6	51.8	57.4	69.7	8.2	53.0	54.9	71.6	6.9	21.201824	-104.647300
T. Der. Santa María del Oro	196.00	1	0	4907	56.6	62.9	75.9	8.3	52.1	58.5	70.0	8.3	52.6	57.4	69.9	7.6	21.316252	-104.667049
T. Der. Santa María del Oro	196.00	3	0	3940	56.3	62.8	75.6	8.3	51.8	56.3	68.3	7.8	53.1	54.7	71.6	6.6	21.329876	-104.672296
T. Izq. Aeropuerto de Tepic	215.68	1	0	11482	53.0	62.5	77.4	11.1	47.8	54.7	65.4	10.2	44.3	54.6	71.7	11.8	21.447665	-104.812642
San Cayetano	215.90	3	0	12163	64.0	75.2	95.9	13.0	62.8	71.8	87.8	10.1	62.5	72.9	92.0	11.8	21.455069	-104.821553
T. Izq. Libramiento de Tepic	219.10	1	1	15004	54.1	68.4	89.1	14.6	56.1	67.4	91.7	11.9	52.6	59.6	81.4	10.3	21.467585	-104.839959
T. Izq. Libramiento de Tepic	219.10	1	2	15376	68.1	80.0	94.7	12.9	64.6	77.7	90.7	13.2	59.7	72.5	89.1	13.9	21.467592	-104.839940
T. Izq. Libramiento de Tepic	219.10	3	1	12745	51.4	57.7	71.7	8.8	48.2	54.0	65.2	8.5	43.0	50.7	64.4	9.3	21.470271	-104.847545
T. Izq. Libramiento de Tepic	219.10	3	2	12756	51.7	59.6	73.4	9.6	49.6	56.0	70.2	9.2	44.5	52.6	68.3	9.4	21.470270	-104.847543
Tepic	224.80	1	1	16697	43.9	51.2	64.2	8.7	35.6	41.6	52.6	7.4	34.5	40.9	52.5	7.7	21.471460	-104.850712
Tepic	224.80	1	2	16226	44.2	50.0	61.4	7.2	39.6	44.5	53.9	7.8	38.2	44.5	54.5	8.7	21.471454	-104.850699

JALISCO

10 C A R R : Guadalajara - Tesisán

CLAVE: 14012

RUTA: MEX-023

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. Guadalajara - Zacatecas	0.00																	
X. Periférico de Guadalajara (Alta)	9.00	3	1	11890	57.9	64.5	76.0	9.5	55.3	55.4	63.7	3.0	47.6	57.3	70.9	11.8	20.742925	-103.409944
X. Periférico de Guadalajara (Baja)	9.00	3	1	7277	57.8	64.4	75.6	9.4	55.0	58.7	64.3	4.8	48.7	58.6	71.4	11.6	20.742933	-103.409937
X. Periférico de Guadalajara (Alta)	9.00	3	2	12092	63.8	71.8	83.7	9.6	56.6	58.8	64.9	4.2	51.8	63.6	80.2	12.4	20.742927	-103.409945
X. Periférico de Guadalajara (Baja)	9.00	3	2	7188	63.8	72.0	83.9	9.7	58.4	64.4	75.9	8.2	53.6	64.5	81.1	11.9	20.742925	-103.409941
T. Der. San Cristóbal de La Barranca (Baja)	17.50	1	1	6592	57.5	64.4	75.6	9.7	54.4	60.0	71.1	7.5	53.5	61.1	71.8	9.5	20.779646	-103.460522
T. Der. San Cristóbal de La Barranca (Alta)	17.50	1	1	6411	58.8	64.9	78.5	9.6	55.2	59.7	67.8	5.9	51.6	59.8	71.1	10.3	20.779646	-103.460521
T. Der. San Cristóbal de La Barranca (Baja)	17.50	1	2	2731	63.5	72.2	84.0	10.3	58.7	66.4	81.2	9.7	59.2	69.3	83.7	11.6	20.779646	-103.460521
T. Der. San Cristóbal de La Barranca (Alta)	17.50	1	2	9894	65.2	72.6	84.6	9.1	60.1	67.6	81.9	9.4	57.2	67.4	82.6	11.5	20.779648	-103.460523
Tesisán (Baja)	19.00	1	1	3452	39.3	44.9	58.8	8.9	48.1	52.5	54.7	8.5	39.6	47.2	62.3	10.0	20.789311	-103.473838
Tesisán (Alta)	19.00	1	1	6023	76.1	87.3	104.7	12.1	65.0	73.2	83.1	9.1	66.0	75.8	93.6	11.4	20.789311	-103.473837
Tesisán (Baja)	19.00	1	2	3374	37.9	43.2	54.5	8.1	46.9	52.3	54.6	9.0	38.3	45.8	55.0	9.6	20.789311	-103.473837
Tesisán (Alta)	19.00	1	2	6544	70.1	83.0	103.8	13.6	57.1	62.2	74.7	7.0	61.6	71.2	92.9	11.3	20.789311	-103.473837

11 C A R R : Guadalajara - Zacatecas

CLAVE: 00150

RUTA: MEX-054

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
Guadalajara	0.00																	
X. Periférico de Guadalajara	6.19	3	1	9766	39.4	44.9	59.0	8.9	41.5	47.5	103.3	10.7	39.8	49.4	61.4	11.2	20.755656	-103.343091
X. Periférico de Guadalajara	6.19	3	2	9955	38.2	43.3	54.6	8.1	39.6	43.9	64.0	9.0	38.3	48.1	54.8	10.6	20.755656	-103.343091
T. Der. Ixtlahuacán del Río	49.46	3	0	4274	66.7	88.9	117.6	18.7	56.1	54.3	89.7	3.8	66.9	96.8	138.7	22.5	20.871168	-103.236729
Lim. Edos. Term. Jal. Ppia. Zac.	76.49																	
T. Izq. Moyahua	106.43	1	0	3167	46.3	52.1	66.8	8.0	43.6	51.5	60.3	9.4	46.7	52.6	56.1	9.6	21.256466	-103.157417
Apozol	129.28	1	0	4535	47.6	53.1	97.4	10.3	43.2	51.0	60.6	9.1	46.2	52.4	57.4	9.6	21.445538	-103.095751
Jalpa	159.39	1	0	1338	47.9	53.4	107.9	10.8	43.7	51.5	60.4	9.2	46.1	52.4	56.5	9.6	21.617496	-103.003729
Tabasco	189.40	1	0	1525	47.8	53.3	111.5	11.0	43.0	51.1	60.3	9.3	46.7	52.5	55.0	9.4	21.842968	-102.933873
Tabasco	189.40	3	0	3285	47.9	53.4	108.3	10.8	43.6	51.3	60.0	9.1	46.3	52.4	56.2	9.4	21.883804	-102.908241
Villanueva	255.70	3	0	4045	84.9	99.3	123.0	14.1	74.1	87.3	105.3	13.4	76.8	91.8	116.3	15.1	22.378167	-102.880591
T. Izq. Jerez de García Salinas	289.13	1	0	3802	85.5	104.5	127.3	19.3	75.5	93.9	106.1	17.4	78.2	94.7	113.6	17.1	22.615181	-102.756775
T. Izq. Jerez de García Salinas	289.13	3	1	4023	96.2	107.4	124.8	12.2	86.2	96.9	108.6	11.9	86.8	99.7	116.4	14.1	22.621890	-102.753010
T. Izq. Jerez de García Salinas	289.13	3	2	4022	89.1	101.1	122.2	12.9	75.6	92.0	104.4	14.7	77.2	93.2	113.1	16.1	22.621931	-102.753086
T. C. Zacatecas - Durango	311.83	1	1	7654	80.2	92.0	109.0	12.7	71.7	82.6	96.3	11.8	71.7	86.8	106.8	15.7	22.771846	-102.630740
T. C. Zacatecas - Durango	311.83	1	2	7435	79.9	88.8	103.2	10.7	71.8	80.4	92.1	10.0	71.7	81.5	98.0	11.4	22.771641	-102.630647

JALISCO

12 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)

| COORDENADAS

KM TE SC TDPA

Promedio	P 85	P 98	δ
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Promedio	P 85	P 98	δ
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Promedio	P 85	P 98	δ
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Latitud	Longitud
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JALISCO

13 C A R R : Jiquilpan - Colima

CLAVE: 00156

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
Jiquilpan	0.00	3	0	5251	68.8	80.3	97.4	12.7	61.4	75.3	91.1	14.4	54.1	71.9	93.4	16.5	19.995673	-102.745095
San José de Gracia	37.93	1	0	4432	71.6	83.7	103.4	13.4	66.6	78.2	94.2	12.7	66.8	79.6	99.3	13.7	20.000331	-103.015360
Lim. Edos. Term. Mich. Ppia. Jal.	41.00																	
Mazamitla	48.65	1	0	3377	47.8	53.2	104.4	10.6	44.1	51.4	54.7	9.1	45.7	52.3	58.4	9.5	19.938069	-103.015004
Mazamitla	48.65	3	0	3971	35.4	42.9	54.5	9.1	51.3	53.1	54.8	5.9	37.7	47.7	54.0	10.0	19.923628	-103.046441
T. Izq. Tamazula de Gordiano (2º Acceso)	96.70	3	0	6812	35.3	42.8	55.0	9.2	45.8	52.2	54.6	9.8	36.2	44.9	53.8	9.4	19.682870	-103.262462
T. Der. Cd. Guzmán	108.50	3	0	3367	47.9	53.4	108.3	10.9	43.9	51.2	55.0	8.9	47.1	52.6	56.4	9.3	19.645223	-103.335525
Tecalitlán	132.00	3	0	2134	47.8	53.5	101.0	10.5	39.4	44.9	53.6	8.1	45.9	52.4	57.1	9.7	19.462004	-103.319723
T. Der. Atenquique	137.67	3	0	1364	47.1	52.8	72.6	9.0	43.9	51.2	54.5	9.2	45.5	52.3	58.4	9.7	19.457538	-103.347694
Pihuamo	168.19	3	0	2333	35.6	43.2	54.4	9.1	37.7	43.8	53.2	8.4	38.4	47.6	54.0	9.5	19.253677	-103.388604
Lim. Edos. Term. Jal. Ppia. Col.	189.60																	
T. Der. Estación Alzada	198.60	3	0	1632	65.4	80.5	102.0	15.2	61.6	78.4	101.7	16.2	56.6	75.9	96.0	18.5	19.160781	-103.528878
T. Izq. Los Tepames	214.20	1	0	2085	60.0	70.4	136.1	14.5	55.2	54.7	75.0	5.3	56.8	65.3	102.1	11.3	19.174753	-103.658030
X. C. Libramiento de Colima	220.00	1	0	7062	59.7	70.7	137.6	15.4	63.1	78.1	130.7	16.9	60.6	76.0	120.1	17.0	19.208523	-103.721028
Colima	222.00	1	1	10388	57.9	65.6	79.2	10.2	50.4	58.9	72.9	10.4	50.4	60.8	74.6	11.6	19.216980	-103.721849
Colima	222.00	1	2	10356	60.1	66.8	79.9	9.2	58.2	64.8	79.5	9.6	57.0	64.9	81.5	10.5	19.216982	-103.721848

14 C A R R : Jiquilpan - Guadalajara

CLAVE: 00429

ruta: MEX-015

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Jiquilpan	0.00	3	1	9830	80.8	93.0	111.0	13.5	76.8	91.0	108.8	14.5	73.4	87.8	104.8	14.8	20.008029	-102.717294
Jiquilpan	0.00	3	2	9832	71.3	80.7	93.8	11.0	63.3	73.3	84.9	11.3	63.9	73.7	86.5	11.1	20.008027	-102.717296
Sahuayo	7.00	1	1	10533	68.0	75.7	91.0	10.3	62.0	71.4	84.0	10.7	60.4	70.9	86.4	11.7	20.033194	-102.716805
Sahuayo	7.00	1	2	10366	67.5	74.9	89.0	10.1	61.4	70.7	84.3	10.9	60.5	70.7	84.9	11.6	20.033194	-102.716805
Cojumatlán de Regules	25.94	3	0	3513	64.9	73.9	88.0	10.6	60.9	67.8	76.9	8.4	58.0	65.5	80.3	9.1	20.126849	-102.852381
Lim. Edos. Term. Mich. Ppia. Jal.	36.11																	
Tuxcueca	65.29	1	0	3336	98.6	111.2	130.9	13.7	87.3	99.2	111.2	14.0	86.5	96.0	113.5	12.2	20.149610	-103.181351
T. Der. Jocotepec	98.22	1	0	7676	98.7	115.9	136.5	17.0	90.4	102.5	119.9	14.3	88.6	101.9	124.1	14.8	20.275936	-103.445988
Ent. Santa Cruz	118.96	1	0	7762	98.6	115.7	136.5	17.0	91.9	103.1	121.7	13.5	88.0	100.8	123.2	14.3	20.421544	-103.551462
Ent. Santa Cruz	118.96	3	1	15207	97.4	113.5	133.9	15.9	93.5	102.9	124.7	11.7	89.2	99.7	123.3	12.6	20.434918	-103.549893
Ent. Santa Cruz	118.96	3	2	15017	99.6	118.0	138.5	17.8	96.3	106.6	132.4	13.1	91.8	103.7	128.9	14.1	20.434860	-103.549899
X. Periférico de Guadalajara (Baja)	140.00	1	1	19859	39.5	45.0	58.6	8.9	42.7	49.6	54.7	8.9	39.9	50.7	55.6	12.2	20.607644	-103.431377
X. Periférico de Guadalajara (Alta)	140.00	1	1	30914	58.0	64.6	76.0	9.4	54.8	59.9	68.1	6.5	47.8	57.5	71.3	11.8	20.607648	-103.431393
X. Periférico de Guadalajara (Alta)	140.00	1	2	31540	63.8	71.8	83.7	9.6	58.8	66.0	80.8	9.4	52.0	63.8	80.8	12.6	20.607651	-103.431394

JALISCO

14 C A R R : Jiquilpan - Guadalajara

CLAVE: 00429

RUTA: MEX-015

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
X. Periférico de Guadalajara (Baja)	140.00	1	2	20727	38.1	43.3	54.5	8.0	39.5	44.8	54.5	8.9	38.4	50.2	54.7	12.4	20.607649	-103.431393
T. C. Guadalajara - Tepic	166.00																	

15 C A R R : Lagos de Moreno - Guadalajara

CLAVE: 14115

RUTA: MEX-080

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
Lagos de Moreno	0.00	3	1	5323	51.8	58.5	104.4	11.2	48.4	53.1	62.3	7.6	51.5	53.3	57.7	6.2	21.329513	-101.998976
Lagos de Moreno	0.00	3	2	5268	43.5	44.4	93.1	7.8	39.3	48.8	54.3	8.4	48.1	52.8	54.8	9.1	21.329513	-101.998976
San Juan de Los Lagos	44.36	1	1	5440	51.6	58.3	100.5	11.1	48.0	53.1	62.6	7.8	50.6	53.3	59.9	7.2	21.284268	-102.283904
San Juan de Los Lagos	44.36	1	2	5440	43.3	44.4	86.9	7.7	38.9	48.6	54.4	8.4	46.7	52.6	54.8	10.0	21.284268	-102.283904
San Juan de Los Lagos	44.36	3	0	7978	47.4	52.9	92.3	10.0	43.3	51.2	60.1	9.3	48.6	52.9	55.1	8.7	21.235870	-102.348529
T. Der. Teocaltiche	60.30	3	0	8975	47.7	53.1	100.5	10.4	43.7	51.2	59.5	9.0	47.6	52.7	55.9	9.2	21.197636	-102.443856
Jalostotitlán	63.50	3	0	6505	35.3	42.8	55.4	9.2	42.5	50.9	54.4	9.9	35.3	43.8	53.6	9.1	21.149847	-102.479648
T. Izq. Arandas	108.05	3	0	9434	47.4	52.9	94.6	10.0	43.7	51.3	59.9	9.0	47.1	52.6	56.5	9.4	20.882306	-102.713820
Tepatitlán de Morelos	117.35	1	1	7323	51.3	57.9	102.3	11.2	48.8	53.0	62.2	7.2	49.4	53.1	60.7	7.7	20.848532	-102.736991
Tepatitlán de Morelos	117.35	1	2	7796	43.5	44.5	91.2	7.8	38.5	48.0	54.2	7.9	43.9	51.9	54.7	10.6	20.848527	-102.736989
Zapotlanejo	159.46	3	1	11453	51.3	57.8	98.5	11.1	47.9	52.9	62.4	7.6	50.9	53.2	57.5	6.8	20.611256	-103.085229
Zapotlanejo	159.46	3	2	11210	43.7	44.6	93.4	7.9	38.8	48.2	54.3	8.1	47.5	52.7	54.8	9.6	20.611263	-103.085226
X. C. Atlacomulco - Zapotlanejo (Cuota)	165.10	3	1	11329	51.4	58.0	102.7	11.2	47.9	52.9	62.3	7.5	50.9	53.2	57.3	6.6	20.585725	-103.118141
X. C. Atlacomulco - Zapotlanejo (Cuota)	165.10	3	2	11776	43.7	44.6	92.7	7.9	38.8	48.2	54.3	8.1	47.5	52.7	54.8	9.5	20.585729	-103.118133
T. Izq. El Salto	174.00	3	1	14098	48.7	52.8	67.7	8.6	45.4	50.9	54.9	6.9	48.4	53.1	62.3	8.8	20.568758	-103.204823
T. Izq. El Salto	174.00	3	2	13651	58.7	64.3	84.3	9.4	54.8	60.6	73.5	7.1	54.8	59.9	74.1	6.7	20.568757	-103.204823
T. Der. Tonalá	186.17	1	1	20640	51.3	57.9	100.4	11.1	48.0	53.0	62.5	7.6	50.7	53.2	58.5	6.8	20.599585	-103.234128
T. Der. Tonalá	186.17	1	2	20769	43.7	44.7	92.6	7.8	38.9	48.4	54.3	8.2	45.9	52.4	54.7	10.3	20.599586	-103.234128
Guadalajara	201.00																	

16 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

JALISCO

16 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
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

17 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

JALISCO

18 C A R R : Manzanillo - Puerto Vallarta

CLAVE: 00070

RUTA: MEX-200

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
Manzanillo	0.00	3	1	18092	55.4	61.2	72.3	7.1	47.4	54.8	64.8	10.0	48.4	55.1	66.5	10.1	19.055074	-104.308221
Manzanillo	0.00	3	2	17755	59.9	72.4	89.9	13.3	63.2	75.4	91.6	13.5	60.0	73.0	91.4	13.9	19.055080	-104.308209
T. Der. Minatitlán	3.14	1	1	21458	65.7	76.6	94.2	11.4	74.1	89.7	104.1	15.3	65.3	82.6	109.2	15.9	19.065823	-104.288339
T. Der. Minatitlán	3.14	1	2	20188	62.3	68.6	81.7	8.4	57.6	64.5	74.9	9.1	56.6	62.1	77.2	7.4	19.065815	-104.288340
Santiago	13.24	1	1	9332	65.7	77.0	94.3	11.6	75.1	91.2	108.4	15.6	69.5	87.8	112.0	17.5	19.116139	-104.351167
Santiago	13.24	1	2	9752	62.2	68.3	81.3	8.3	57.5	64.2	74.7	8.9	57.1	64.2	81.0	9.4	19.116000	-104.351250
Santiago	13.24	3	1	6117	63.0	72.3	87.4	11.0	57.2	66.7	79.3	10.4	59.5	71.2	87.9	13.0	19.119425	-104.361394
Santiago	13.24	3	2	5749	58.0	65.9	79.9	10.1	49.8	64.6	82.3	14.1	51.2	67.7	84.8	15.5	19.119425	-104.361393
San Juan de Cuatro Vientos	39.04	3	0	5653	89.4	100.2	116.2	12.1	85.5	96.4	108.8	12.4	85.7	97.8	116.9	13.0	19.192974	-104.538908
T. Izq. Aeropuerto Manzanillo	40.55	3	0	5639	85.1	95.6	114.0	11.9	81.1	90.7	103.2	11.5	79.5	92.5	115.4	14.4	19.195694	-104.552430
Lim. Edos. Term. Col. Ppia. Jal.	43.50																	
Cihuatlán	47.92	1	0	6261	60.5	69.1	82.0	10.5	57.1	62.2	74.5	7.1	53.4	62.7	78.4	10.9	19.235039	-104.551427
Cihuatlán	47.92	3	0	7858	72.9	85.1	103.4	13.5	71.8	81.5	98.5	11.5	67.5	81.0	101.3	13.5	19.230815	-104.580480
T. Izq. San Francisco	50.18	3	0	7786	38.8	44.2	56.5	8.6	40.8	46.4	71.0	9.8	39.5	50.1	55.0	11.6	19.214867	-104.620887
Melaque	61.64	1	0	10773	60.5	69.0	81.9	10.4	56.7	60.5	70.3	5.5	52.9	62.7	78.8	11.5	19.228615	-104.692563
Melaque	61.64	3	0	8058	60.5	69.1	82.0	10.5	55.3	54.2	64.0	1.9	54.8	63.5	79.6	10.2	19.239434	-104.711859
T. Izq. Tenacatita	90.44	3	0	2181	90.4	102.6	120.3	13.4	61.7	76.2	92.9	10.4	82.6	100.4	120.4	17.9	19.347548	-104.880648
T. Der. Tomatlán	177.64	1	0	1895	90.6	102.5	119.3	13.1	64.0	80.1	94.0	12.7	81.3	99.1	117.3	17.9	19.870204	-105.330006
T. Der. Tomatlán	177.64	3	0	2192	65.7	79.4	98.5	13.8	56.3	54.3	73.7	2.8	59.1	71.4	92.6	12.3	19.876564	-105.336042
T. Izq. El Tuito	230.64	3	0	2417	73.6	85.8	103.9	13.2	65.9	74.4	85.0	10.1	68.3	81.7	102.1	13.8	20.331323	-105.315641
Puerto Vallarta	273.64	1	0	8520	41.9	47.6	60.9	8.5	41.7	47.2	54.1	7.6	40.0	49.0	54.8	10.3	20.575229	-105.248537

19 C A R R : Ojuelos - Aguascalientes

CLAVE: 00094

RUTA: MEX-070

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Ojuelos	0.00	3	0	3646	47.8	53.2	107.0	10.7	43.5	51.1	59.5	8.9	46.9	52.6	56.1	9.4	21.876455	-101.604752
Matancillas	6.92	3	0	3192	97.9	110.9	130.1	13.9	83.4	96.7	104.3	16.1	86.7	96.7	114.0	12.5	21.879446	-101.662180
Vergel	40.70	3	0	3591	47.8	53.2	109.3	10.8	43.2	51.0	59.7	9.1	46.9	52.6	56.8	9.5	21.768462	-101.940081
Lim. Edos. Term. Jal. Ppia. Ags.	57.20																	
T. Der. Palo Alto	60.80	1	0	5340	63.5	70.0	85.0	9.3	57.0	62.2	73.8	6.9	55.2	59.1	74.3	5.8	21.818280	-102.092019
San Isidro	61.00	3	0	6899	63.5	70.0	84.6	9.2	57.5	63.1	74.6	7.5	54.9	57.9	73.9	5.5	21.823177	-102.107357
El Retoño	68.00	1	0	6799	63.5	70.0	84.7	9.2	57.6	63.1	74.8	7.5	54.8	57.3	73.6	5.3	21.839270	-102.156535
T. C. El Retoño - Asturias	78.00	1	1	5136	59.5	64.3	74.7	8.6	52.1	57.6	72.1	9.0	52.4	57.2	68.5	7.9	21.859357	-102.217231
T. C. El Retoño - Asturias	78.00	1	2	5236	72.3	83.6	102.2	12.8	71.0	82.4	101.7	12.8	66.2	78.7	99.8	13.0	21.859155	-102.217292

JALISCO

19 C A R R : Ojuelos - Aguascalientes

CLAVE: 00094

RUTA: MEX-070

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. El Retoño - Asturias	78.00	3	1	7036	59.4	64.3	74.6	8.6	52.1	57.5	72.0	8.9	52.3	57.3	68.7	8.0	21.861097	-102.223835
T. C. El Retoño - Asturias	78.00	3	2	7200	72.2	83.6	102.3	12.8	71.4	82.7	103.3	12.9	66.6	79.1	100.4	13.1	21.860917	-102.223869
Salto del Ojo Caliente	81.00	1	1	16890	59.0	64.2	74.6	8.8	52.1	57.2	71.2	8.7	52.5	57.5	69.2	8.0	21.867169	-102.241936
Salto del Ojo Caliente	81.00	1	2	16812	72.2	83.5	102.1	12.8	71.4	82.4	102.6	12.7	66.2	78.8	100.1	13.1	21.866916	-102.242399

20 C A R R : Ramal a Ameca

CLAVE: 14223

RUTA: MEX

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Guadalajara - Tepic	0.00	3	1	5989	64.1	72.0	84.5	9.3	60.6	64.8	77.9	8.1	60.0	66.8	83.6	9.5	20.729067	-103.612735
T. C. Guadalajara - Tepic	0.00	3	2	5867	61.8	70.8	83.9	10.5	58.9	63.6	73.5	7.5	58.1	65.6	81.4	10.0	20.729013	-103.612790
Tala	15.00	3	1	8170	58.5	64.8	76.6	9.5	54.9	59.8	66.6	6.1	52.0	59.4	70.5	9.4	20.661701	-103.727452
Tala	15.00	3	2	8111	63.8	71.9	83.8	9.6	58.8	65.7	80.2	9.1	57.3	66.2	82.6	10.7	20.661699	-103.727463
Ameca	53.00	1	1	5229	76.6	90.4	108.0	14.1	70.8	82.4	98.9	12.9	66.6	81.2	103.3	13.8	20.534310	-104.012917
Ameca	53.00	1	2	5240	71.6	83.3	96.5	13.3	70.1	81.4	92.9	12.5	66.0	79.7	93.7	12.3	20.534310	-104.012917

21 C A R R : Ramal a Tomatlán

CLAVE: 14558

RUTA: MEX-200

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. Manzanillo - Puerto Vallarta	0.00	3	0	2768	60.7	69.1	81.6	10.2	56.9	62.0	72.8	6.4	54.1	62.0	74.9	9.4	19.876383	-105.333792
Tomatlán	13.00	1	0	2813	61.2	69.5	81.9	10.0	55.3	54.3	64.1	2.1	55.2	62.9	75.6	9.0	19.925801	-105.262512

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

CLAVE: 00133

RUTA: MEX-070-080

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 Potosí	0.00	3	1	17085	54.5	62.4	76.3	9.3	46.5	54.3	73.1	10.0	45.1	53.7	72.4	10.3	22.133363	-101.031880
San Luis Potosí	0.00	3	2	16672	61.4	65.7	76.8	7.8	55.8	62.7	73.4	8.4	51.4	57.8	73.6	10.6	22.133370	-101.031889
X. Periférico de San Luis Potosí	8.41	3	0	8221	57.9	64.3	76.6	9.3	51.8	59.6	71.7	9.7	51.2	54.5	71.9	9.0	22.128694	-101.038973
El Tepetate	41.90	1	0	4386	108.0	131.7	143.4	18.6	89.3	103.1	141.5	16.8	92.3	104.8	139.4	14.8	22.022632	-101.228674
El Tepetate	41.90	3	0	3772	101.5	120.4	140.7	17.9	84.3	95.8	114.1	13.9	86.8	98.4	125.5	13.8	22.006881	-101.250597
Villa de Arriaga	61.90	3	0	2065	89.9	108.6	138.2	17.8	84.2	98.7	141.4	17.2	84.6	98.8	140.0	15.8	21.896868	-101.409547
Lim. Edos. Term. S. L. P. Ppia. Zac.	70.23																	
Lim. Edos. Term. Zac. Ppia. Jal.	82.94																	

JALISCO

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

CLAVE: 00133

RUTA: MEX-070-080

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
Ojuelos de Jalisco	83.20	1	0	7283	35.4	42.9	54.9	9.2	37.2	45.7	53.8	9.3	34.9	43.3	53.6	9.1	21.875752	-101.570655
Ojuelos de Jalisco	83.20	3	0	5017	35.2	42.8	54.5	9.1	37.3	46.3	53.8	9.4	35.1	43.8	53.6	9.2	21.854336	-101.593926
X. C. León - Aguascalientes	146.90	1	0	6916	48.1	53.7	100.8	10.6	43.9	51.5	59.9	9.2	49.4	53.0	55.0	8.2	21.375713	-101.894350
Lagos de Moreno	150.00																	

23 C A R R : Santa Rosa - La Barca

CLAVE: 14007

RUTA: MEX-035

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Santa Rosa	0.00	3	1	7996	48.8	52.8	67.5	8.6	46.2	51.1	54.5	6.7	49.1	53.2	62.5	8.4	20.411775	-103.217341
Santa Rosa	0.00	3	2	8000	58.9	64.5	84.5	9.5	54.7	57.7	68.8	5.0	55.2	59.3	74.5	6.0	20.411775	-103.217341
T. Izq. Poncitlán	32.00	1	1	6903	35.2	42.7	54.8	9.1	38.8	48.0	54.1	9.6	35.0	43.1	53.8	8.9	20.376248	-102.929652
T. Izq. Poncitlán	32.00	1	2	6398	34.9	42.5	54.8	9.1	38.5	47.4	54.0	9.3	34.6	42.9	53.6	9.1	20.376248	-102.929652
Ocotlán	49.00	3	0	15505	47.8	53.3	94.5	10.3	43.7	51.4	60.6	9.1	47.5	52.7	56.5	9.3	20.325394	-102.774489
Jamay	62.00	1	0	11720	53.8	60.1	82.3	9.2	50.5	54.2	64.7	7.7	52.4	54.9	72.1	7.9	20.292466	-102.724364
Jamay	62.00	3	0	9493	35.1	42.7	54.9	9.1	37.8	46.9	53.9	9.5	34.9	43.2	53.5	9.0	20.294534	-102.696969
La Barca	79.00	1	0	9783	35.2	42.7	54.9	9.2	38.7	47.9	54.1	9.5	35.0	43.2	53.6	9.0	20.291861	-102.559654

24 C A R R : T. C. (Jiquilpan - Colima) - Est. Huescalapa

CLAVE: 14225

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
T. C. Jiquilpan - Colima	0.00	3	0	4799	47.6	53.0	99.6	10.3	43.4	50.8	55.0	8.9	46.1	52.4	56.7	9.6	19.645855	-103.339697
Zapotiltic	9.48	3	0	10110	35.2	42.7	54.8	9.1	40.1	49.3	54.2	9.7	36.2	44.3	53.9	9.2	19.637789	-103.437188
T. C. Cd. Guzmán - Colima	18.79	1	1	4854	48.7	52.7	68.6	8.6	46.7	51.4	54.5	6.9	47.6	52.7	61.5	8.5	19.648199	-103.463032
T. C. Cd. Guzmán - Colima	18.79	1	2	4731	58.7	64.2	84.5	9.4	54.5	54.5	64.2	3.5	55.0	60.9	74.5	7.1	19.648196	-103.463041

25 C A R R : Tepic - Puerto Vallarta

CLAVE: 00068

RUTA: MEX-200

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
Tepic	0.00	3	1	19584	50.8	54.9	70.5	8.1	45.1	52.5	69.5	8.7	45.6	52.1	62.0	8.8	21.489655	-104.894807
Tepic	0.00	3	2	21178	46.3	59.6	73.7	13.6	41.1	56.6	78.2	17.3	39.2	53.4	71.8	15.6	21.489683	-104.894800
Limite de Zona Urbana Tepic	1.80	3	1	15120	55.9	63.9	79.8	9.8	48.0	55.5	74.2	10.7	50.4	59.9	74.5	11.1	21.474055	-104.889803
Limite de Zona Urbana Tepic	1.80	3	2	14990	57.1	64.6	81.7	10.0	53.3	60.3	73.6	8.6	55.0	63.1	79.1	9.5	21.474059	-104.889800

JALISCO

25 C A R R : Tepic - Puerto Vallarta

CLAVE: 00068

RUTA: MEX-200

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. Libramiento de Tepic (Alta)	3.90	3	1	11480	69.6	81.0	98.9	12.5	68.3	76.5	91.2	10.4	63.4	71.7	89.0	10.2	21.465351	-104.889159
X. C. Libramiento de Tepic (Baja)	3.90	3	1	5112	63.4	71.9	84.5	9.9	60.1	64.7	76.1	7.9	60.0	66.8	83.6	9.5	21.465347	-104.889239
X. C. Libramiento de Tepic (Baja)	3.90	3	2	4729	60.4	69.9	83.4	10.9	58.3	62.2	71.5	6.3	57.6	64.9	79.8	9.9	21.465431	-104.888918
X. C. Libramiento de Tepic (Alta)	3.90	3	2	13051	69.5	80.0	93.8	11.8	65.5	72.5	83.6	9.0	58.8	69.4	87.0	11.4	21.465441	-104.888923
Jalisco	7.15	3	0	12060	63.0	71.5	84.3	10.0	58.5	62.5	72.7	6.5	58.8	65.8	82.3	9.7	21.435430	-104.899788
T. Izq. Emiliano Zapata	18.40	3	0	5277	51.7	59.3	71.3	9.6	49.7	53.1	61.4	7.1	50.4	54.0	69.1	8.6	21.360977	-104.918623
T. Izq. Compostela (1º Acceso)	35.80	1	0	5292	75.6	87.3	104.7	12.3	70.2	80.3	92.5	11.2	69.9	83.1	103.2	14.3	21.256163	-104.901514
T. Izq. Compostela (1º Acceso)	35.80	3	0	3809	75.5	87.2	104.8	12.4	64.3	73.7	86.7	10.2	68.2	81.4	99.9	13.9	21.248424	-104.903111
Las Varas	71.30	1	0	9588	74.0	86.1	112.2	13.1	70.3	84.2	104.1	13.6	70.0	84.9	120.8	15.6	21.186730	-105.124158
Las Varas	71.30	3	0	11204	74.3	86.5	112.6	13.1	71.4	86.0	108.1	14.3	70.5	86.4	121.3	15.9	21.172364	-105.147290
T. Der. Rincón de Guayabitos	94.50	1	1	7891	77.6	91.3	116.2	14.2	72.8	88.8	105.9	14.9	74.1	91.7	124.5	17.0	21.027299	-105.260693
T. Der. Rincón de Guayabitos	94.50	1	2	8068	70.6	81.1	105.7	12.1	67.9	79.2	103.3	12.0	69.3	83.7	119.6	14.8	21.027304	-105.260693
T. Der. Rincón de Guayabitos	94.50	3	0	8965	74.3	86.7	112.9	13.3	71.8	86.9	110.9	14.6	70.5	86.5	120.6	15.9	21.008592	105.271789
T. Der. Sayulita	122.91	1	0	8905	75.4	86.9	104.5	12.2	74.1	84.8	99.6	11.7	67.5	81.1	100.8	14.2	20.864137	-105.425827
T. Der. Sayulita	122.91	3	0	8456	75.5	87.0	104.5	12.2	74.2	84.9	100.0	11.7	68.3	81.7	101.8	14.2	20.860320	-105.424886
T. Der. Cruz de Juanacaxtle	137.30	3	1	7488	69.0	81.8	99.8	14.0	71.6	85.0	108.0	14.9	68.1	82.5	104.1	14.8	20.764323	-105.364652
T. Der. Cruz de Juanacaxtle	137.30	3	2	7335	73.8	91.0	111.1	17.2	76.5	93.2	118.0	17.4	72.0	90.7	114.8	18.3	20.764323	-105.364652
Bucerías	140.81	3	1	8742	69.0	81.8	99.8	14.0	71.7	85.9	109.6	15.3	68.7	83.1	104.3	14.9	20.749132	-105.318660
Bucerías	140.81	3	2	8582	73.8	91.0	111.1	17.2	76.0	93.1	115.5	17.6	72.8	91.2	115.4	18.2	20.749131	-105.318663
Lim. Edos. Term. Nay. Ppia. Jal.	152.60																	
T. Der. Aeropuerto Díaz Ordáz	158.37	1	1	23579	43.7	49.3	61.1	7.6	41.2	44.5	54.4	7.3	40.4	50.5	54.6	11.3	20.681599	-105.242977
T. Der. Aeropuerto Díaz Ordáz	158.37	1	2	22866	40.1	45.2	60.4	8.9	39.2	44.2	58.0	8.7	40.2	51.2	54.7	12.7	20.681599	-105.242977
T. Der. Aeropuerto Díaz Ordáz (Baja)	158.37	3	1	9064	43.8	49.3	61.4	7.6	41.2	44.3	54.3	7.2	40.1	46.8	54.7	9.0	20.670417	-105.249331
T. Der. Aeropuerto Díaz Ordáz (Alta)	158.37	3	1	13225	43.7	49.3	61.3	7.7	41.2	44.6	53.6	6.9	39.6	50.3	54.6	11.6	20.670443	-105.249257
T. Der. Aeropuerto Díaz Ordáz (Alta)	158.37	3	2	13189	40.0	45.1	60.4	8.9	38.8	44.3	54.4	8.5	39.2	51.1	54.7	13.2	20.670466	-105.249189
T. Der. Aeropuerto Díaz Ordáz (Baja)	158.37	3	2	8914	39.9	45.0	60.4	8.9	38.8	43.9	57.8	8.7	39.0	48.7	54.9	10.6	20.670531	-105.249151
Puerto Vallarta	166.88																	

26 C A R R : Guadalajara - Colima (Cuota)

CLAVE: 00118

RUTA: MEX-054D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ent. Santa Cruz - Melaque	0.00																	
Caseta de Cobro Acatlán	0.20	2	1	4234													20.410694	-103.558333
Caseta de Cobro Acatlán	0.20	2	2	4233													20.410694	-103.558333

JALISCO

26 C A R R : Guadalajara - Colima (Cuota)

CLAVE: 00118

RUTA: MEX-054D

AÑO : 2012

[illegible]

27 C A R R : Guadalajara - Tepic (Cuota)

CLAVE: 00033

RUTA: MEX-057D

AÑO : 2012

[illegible]

JALISCO

28 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
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

29 C A R R : Maravatio - Zapotlanejo (Cuota)

CLAVE: 00018

RUTA: MEX-015D

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
X. C. Maravatio - Acámbaro	63.62	3	1	3994	107.2	121.8	139.5	15.2	87.5	93.4	103.9	9.4	78.8	90.5	107.9	13.5	19.910166	-100.467192
X. C. Maravatio - Acámbaro	63.62	3	2	3859	79.0	111.9	134.9	27.2	73.7	90.4	101.0	17.4	69.2	84.9	102.8	15.3	19.910161	-100.467177
X. C. Morelia - Salamanca	75.70	1	1	3466	99.9	120.5	141.3	18.8	87.2	95.8	115.8	12.0	80.0	94.5	123.1	16.2	19.900203	-101.142779
X. C. Morelia - Salamanca	75.70	1	2	3431	101.2	120.4	141.0	17.4	86.7	94.4	111.1	11.2	75.6	90.9	122.3	16.0	19.900193	-101.142785
X. C. Morelia - Salamanca	75.70	3	1	2965	106.2	119.6	136.8	13.6	88.3	93.3	103.6	8.9	84.4	93.3	112.1	11.1	19.893662	-101.155860
X. C. Morelia - Salamanca	75.70	3	2	3057	113.5	130.8	143.0	16.0	91.1	99.4	117.0	11.3	84.8	102.2	131.6	17.0	19.893661	-101.155858
Caseta de Cobro Zinapécuaro	102.02	2	1	3946													19.901803	-100.788575
Caseta de Cobro Zinapécuaro	102.02	2	2	3945													19.901803	-100.788575
Caseta de Cobro Panindícuaro	207.00	2	1	3061													19.972227	-101.756953
Caseta de Cobro Panindícuaro	207.00	2	2	3061													19.972227	-101.756953
X. C. Zamora - La Piedad	261.00	1	1	3480	87.8	98.7	113.8	12.2	72.6	80.8	96.8	10.5	64.7	80.0	102.1	15.2	20.174724	-102.186255
X. C. Zamora - La Piedad	261.00	1	2	3429	90.9	103.3	121.7	13.6	75.6	82.5	93.4	8.6	66.5	76.6	93.8	11.7	20.174721	-102.186258
Caseta de Cobro Ecuandureo	261.00	2	1	3033													20.175038	-102.191318

JALISCO

29 C A R R : Maravatio - Zapotlanejo (Cuota)

CLAVE: 00018

RUTA: MEX-015D

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Caseta de Cobro Ecuandureo	261.00	2	2	3033													20.175038	-102.191318
X. C. Zamora - La Piedad	261.00	3	1	3316	87.5	98.5	113.8	12.2	72.2	80.6	96.3	10.6	63.5	78.5	101.3	15.3	20.175315	-102.195525
X. C. Zamora - La Piedad	261.00	3	2	3504	90.9	103.3	121.7	13.6	75.5	82.5	93.4	8.7	65.7	74.9	93.3	11.3	20.175318	-102.195526
X. C. Ent. Patti - Sahuayo	291.00	3	1	5587	101.2	120.1	139.8	17.9	92.2	102.3	124.4	12.3	86.4	101.0	123.6	15.4	20.273244	-102.445426
X. C. Ent. Patti - Sahuayo	291.00	3	2	5477	95.6	110.4	128.9	14.8	85.4	92.9	104.7	9.3	79.0	91.7	110.4	14.4	20.273245	-102.445427
Lim. Edos. Term. Mich. Ppia. Jal.	297.00																	
X. C. San Miguel El Alto - La Barca	302.18	3	1	6147	99.8	112.1	132.2	13.5	93.8	102.7	118.6	10.9	90.8	99.7	117.9	11.3	20.321924	-102.540227
X. C. San Miguel El Alto - La Barca	302.18	3	2	6057	95.9	108.8	127.5	13.3	89.7	98.2	114.0	11.1	85.9	93.6	112.5	10.1	20.321920	-102.540228
X. C. Tototlán - Ocotlán	325.80	1	1	5595	48.6	52.7	64.8	8.5	45.7	51.2	56.5	7.1	49.8	53.3	61.7	8.0	20.402837	-102.736269
X. C. Tototlán - Ocotlán	325.80	1	2	5671	58.5	64.1	83.8	9.3	54.8	60.6	74.0	7.1	55.0	59.0	74.3	5.9	20.402836	-102.736275
Caseta de Cobro Ocotlán	325.80	2	1	4798													20.405873	-102.738901
Caseta de Cobro Ocotlán	325.80	2	2	4797													20.405873	-102.738901
T. C. Zapotlanejo - Guadalajara (Cuota)	375.00	1	1	6162	99.5	111.9	132.2	13.6	94.1	102.7	119.0	10.7	91.5	100.7	119.4	11.3	20.595034	-103.110786
T. C. Zapotlanejo - Guadalajara (Cuota)	375.00	1	2	5931	96.2	109.2	128.2	13.5	90.1	98.4	114.9	11.0	86.4	93.7	113.6	10.1	20.595040	-103.110799

30 C A R R : Zapotlanejo - Guadalajara (Cuota)

CLAVE: 14114

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
Zapotlanejo	0.00																	
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	1	1	6366	100.1	112.4	132.7	13.5	94.2	102.9	119.8	10.8	91.1	101.6	121.5	12.4	20.615047	-103.093696
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	1	2	6016	96.5	109.3	128.1	13.4	89.5	98.3	114.1	11.3	87.4	96.0	118.1	11.5	20.615048	-103.093696
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	3	1	12066	99.8	112.1	132.5	13.6	94.3	102.9	120.1	10.5	91.5	101.0	120.4	11.5	20.608141	-103.112985
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	3	2	11797	96.4	109.4	128.4	13.5	90.5	99.0	117.1	11.1	87.2	94.8	116.5	10.9	20.608164	-103.113021
T. C. Atlacomulco - Zapotlanejo (Cuota)	9.27	3	1	16676	48.9	52.8	71.5	8.8	45.6	51.0	56.0	7.0	49.5	53.2	61.5	8.2	20.602754	-103.144677
T. C. Atlacomulco - Zapotlanejo (Cuota)	9.27	3	2	16585	58.8	64.3	85.7	9.5	55.0	60.9	74.2	7.1	55.1	59.2	74.4	5.9	20.602754	-103.144677
Caseta de Cobro Zapotlanejo (La Joya)	19.00	2	1	15323													20.604800	-103.138949
Caseta de Cobro Zapotlanejo (La Joya)	19.00	2	2	15322													20.604800	-103.138949
T. C. Lagos de Moreno - Guadalajara	26.00																	

31 C A R R : Zapotlanejo - Lagos de Moreno (Cuota)

CLAVE: 14116

RUTA: MEX-080D

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. Zapotlanejo - Guadalajara (Cuota)	0.00	3	1	6929	49.0	52.9	70.8	8.7	45.4	51.0	54.9	7.0	49.8	53.5	63.1	8.5	20.622087	-103.096165

JALISCO

31 C A R R : Zapotlanejo - Lagos de Moreno (Cuota)

CLAVE: 14116

RUTA: MEX-080D

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. Zapotlanejo - Guadalajara (Cuota)	0.00	3	2	6983	58.6	64.1	87.5	9.5	54.9	60.8	74.4	7.2	54.9	58.1	75.0	5.8	20.622086	-103.096165
T. Der. a Zapotlanejo	7.50																	
T. Der. Tepatitlán	40.04	1	1	6971	58.8	73.7	92.8	15.7	55.2	70.3	89.3	15.0	51.8	54.7	77.8	9.8	20.814844	-102.802189
T. Der. Tepatitlán	40.04	1	2	6685	56.2	68.5	84.7	12.8	51.7	63.6	81.1	13.8	53.6	56.7	74.3	7.3	20.814841	-102.802162
Caseta de Cobro Tepatitlán	40.04	2	1	5435													20.824623	-102.795030
Caseta de Cobro Tepatitlán	40.04	2	2	5434													20.824623	-102.795030
T. Der. Arandas	51.63	1	1	6367	100.4	112.4	132.4	13.2	93.3	102.6	118.3	11.5	90.6	99.0	116.7	11.1	20.878828	-102.735902
T. Der. Arandas	51.63	1	2	6598	95.8	108.3	126.0	13.1	89.5	98.1	114.4	11.3	86.4	93.8	113.0	10.3	20.878828	-102.735902
X. C. Lagos de Moreno - Guadalajara	52.94	3	1	5944	99.9	112.1	132.5	13.4	93.2	102.4	117.3	11.4	90.7	99.4	118.0	11.2	20.902674	-102.694088
X. C. Lagos de Moreno - Guadalajara	52.94	3	2	5728	95.8	108.4	126.4	13.1	89.0	97.6	113.1	11.3	86.3	93.8	113.4	10.3	20.902637	-102.694170
Caseta de Cobro Jalostotitlán	88.62	2	1	5046													21.117548	-102.457996
Caseta de Cobro Jalostotitlán	88.62	2	2	5045													21.117548	-102.457996
X. C. Jalostotitlán - Purísima de Bustos	88.62	3	1	5624	51.3	57.7	99.9	11.1	48.0	53.0	62.3	7.7	51.6	53.3	57.5	6.3	21.121045	-102.454405
X. C. Jalostotitlán - Purísima de Bustos	88.62	3	2	5410	43.5	44.5	91.3	7.8	39.4	49.1	54.3	8.7	48.7	52.9	54.8	8.7	21.121045	-102.454405
T. Izq. San Juan de Los Lagos	107.89	3	1	5310	100.1	112.3	132.4	13.4	93.4	102.4	116.7	11.0	91.2	99.8	118.0	11.0	21.226996	-102.311286
T. Izq. San Juan de Los Lagos	107.89	3	2	5539	95.9	108.8	127.5	13.4	90.0	98.4	114.7	11.0	86.8	94.1	113.8	10.4	21.226996	-102.311286
El Desperdicio	118.91																	

32 C A R R : Acatlán de Juárez - Cd. Guzmán

CLAVE: 14221

RUTA: JAL

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ent. Santa Cruz - Melaque	0.00	3	0	7642	57.5	71.7	90.4	14.6	53.0	66.7	84.5	14.5	52.4	60.9	81.4	11.1	20.409545	-103.593748
Techaluta	42.00	3	0	4383	57.5	71.6	90.1	14.5	53.0	65.1	82.9	13.5	52.6	60.5	80.7	10.6	20.066305	-103.548316
T. Der. Amacueca	52.00	1	0	3700	57.4	71.4	89.8	14.4	53.0	65.6	83.3	13.8	52.5	62.8	82.3	12.0	20.005718	-103.578813
Sayula	65.34	1	0	4230	57.5	71.7	89.9	14.6	52.9	66.1	84.1	14.2	52.2	63.0	82.8	12.5	19.891629	-103.588781
Sayula	65.34	3	0	5670	53.3	59.6	79.3	9.3	52.3	53.5	61.2	5.1	51.4	56.2	72.6	8.9	19.876817	-103.578757
Cd. Guzmán	94.30																	

33 C A R R : Autlán de Navarro - T. C. (Acatlán de Juárez - Colima)

CLAVE: 14589

RUTA: JAL

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
Autlán de Navarro	0.00	3	1	3478	76.1	90.0	107.5	14.0	62.2	71.4	97.8	9.6	70.7	84.8	104.4	15.1	19.766483	-104.345019
Autlán de Navarro	0.00	3	2	3504	70.6	82.4	96.4	12.7	62.7	71.0	83.0	9.1	67.9	79.6	95.0	12.4	19.766483	-104.345018

JALISCO

33 C A R R : Autlán de Navarro - T. C. (Acatlán de Juárez - Colima)

CLAVE: 14589

RUTA: JAL

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
El Grullo	16.00	3	0	4703	57.1	71.1	89.2	14.4	53.0	64.0	77.1	12.0	52.4	64.7	84.5	13.6	19.804840	-104.200693
T. Izq. Sayula	70.00	1	0	2793	47.4	52.7	110.6	10.7	42.8	50.5	54.4	8.9	44.2	51.8	55.7	9.8	19.683723	-103.804047
T. Izq. Sayula	70.00	3	0	2549	47.9	53.3	113.3	11.1	38.8	44.4	53.5	8.3	44.3	51.7	55.0	9.5	19.680462	-103.797670
Cd. Guzmán - T.C. (Autlán de Navarro - T.C. (Acatlán de Juárez - Colima))	106.00	1	0	2457	47.4	52.7	107.0	10.5	43.2	50.2	54.4	8.1	43.4	51.2	55.5	9.6	19.628255	-103.526299

34 C A R R : Cd. Guzmán - La Mesa y El Fresno

CLAVE: 00117

RUTA: JAL

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cd. Guzmán	0.00	3	0	4149	35.6	42.9	54.7	9.1	38.7	47.0	53.9	9.1	36.8	45.0	53.9	9.3	19.672048	-103.480799
T. C. Autlán de Navarro - T.C. (Acatlán de Juárez - Colima)	9.50	1	0	2877	35.5	43.0	54.7	9.2	49.1	52.8	54.7	8.1	38.2	47.7	54.0	9.9	19.629780	-103.517633

35 C A R R : Crucero de Santa María - Ameca

CLAVE: 14573

RUTA: JAL

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
Crucero de Santa María	0.00	3	0	4246	63.1	74.7	93.8	12.7	60.7	72.3	85.1	12.2	58.1	69.5	87.8	11.5	20.391351	-103.870184
San Martín Hidalgo	10.00	3	0	2682	63.2	74.9	94.1	12.7	59.8	70.8	83.4	11.0	58.3	69.3	86.0	11.1	20.445171	-103.942634
T. C. Ramal a Ameca	26.00	1	0	3897	62.8	74.6	93.9	12.8	60.5	72.1	84.6	11.9	56.8	66.5	85.6	10.4	20.534083	-104.026690

36 C A R R : El Refugio - San Marcos

CLAVE: 14027

RUTA: JAL-004

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ramal a Ameca	0.00	3	0	9429	61.1	69.3	82.0	10.0	55.9	57.4	64.5	3.8	52.9	61.8	77.4	10.5	20.662500	-103.735567
T. Izq. Ahualulco de Mercado	24.50	1	0	6690	70.5	85.6	98.0	14.8	62.7	75.0	92.8	13.1	65.2	88.0	102.8	18.9	20.697725	-103.964119
T. Izq. Ahualulco de Mercado	24.50	3	0	5752	61.2	69.4	82.0	10.0	56.6	59.7	69.0	4.9	54.9	63.4	79.6	10.1	20.752139	-104.013778
San Marcos	54.00	1	0	2647	61.3	69.2	81.4	9.7	57.1	60.7	71.1	5.5	56.8	63.3	77.5	8.7	20.783963	-104.196146

37 C A R R : Ent. Jalostotitlán - Villa Hidalgo

CLAVE: 14009

RUTA: JAL-009

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	0	3405	47.9	53.4	105.7	10.7	44.1	51.2	54.6	8.8	46.3	52.4	56.7	9.5	21.202044	-102.441258
Teocaltiche	36.00	1	0	2335	63.3	74.8	93.6	12.6	57.1	61.3	79.3	6.2	59.6	71.4	89.5	12.0	21.420815	-102.588434

JALISCO

37 C A R R : Ent. Jalostotitlán - Villa Hidalgo

CLAVE: 14009

ruta: JAL-009

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
Teocaltiche	36.00	3	0	2993	63.5	75.2	94.3	12.7	56.9	59.8	76.3	5.7	59.6	70.9	86.8	11.6	21.475428	-102.570916
Villa Hidalgo	63.00	1	0	3720	63.3	74.9	94.4	12.7	58.0	64.2	80.6	7.4	60.0	71.8	90.2	12.4	21.662690	-102.593694

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

CLAVE: 00126

ruta: ZAC

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. Aguascalientes - Zacatecas	0.00	3	0	2698	56.5	63.4	80.9	9.1	54.1	61.6	75.0	8.9	53.1	62.3	80.8	10.9	22.601120	-102.246955
Gral. Pánfilo Natera	16.00	3	0	1830	66.8	80.0	101.5	13.5	62.9	76.6	98.3	13.3	61.9	77.5	97.0	14.9	22.656535	-102.105936
Lim. Edos. Term. Zac. Ppia. Jal.	134.00																	
T. C. San Luis Potosí - Lagos de Moreno	137.00																	

39 C A R R : Ixtlahuacán del Río - T. C. (Tepatitlán - Jaralillo)

CLAVE: 14582

ruta: JAL

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
Ixtlahuacán del Río	0.00	3	0	3696	61.2	69.4	81.6	9.9	56.2	60.3	71.9	5.7	56.0	63.2	76.0	8.9	20.869472	-103.158861
Cuquio	27.00	1	0	3546	57.1	71.1	88.8	14.4	53.5	58.4	71.5	7.3	52.6	64.6	83.9	13.3	20.921263	-103.042052
T. C. Tepatitlán - Jaralillo	52.00	1	0	2371	57.0	71.1	89.1	14.4	53.0	59.3	71.4	8.3	53.0	64.8	84.6	13.1	21.160209	-102.889963

40 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

41 C A R R : Lagos de Moreno - Unión de San Antonio

CLAVE: 14581

ruta: JAL

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
Lagos de Moreno	0.00	3	0	4489	35.4	42.9	54.8	9.2	40.3	49.2	54.2	9.6	37.8	47.4	54.0	9.9	21.306904	-101.928348

JALISCO

41 C A R R : Lagos de Moreno - Unión de San Antonio

CLAVE: 14581

RUTA: JAL

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
Unión de San Antonio	27.00	1	0	2661	47.8	53.2	107.8	10.8	45.1	51.6	54.5	8.7	45.8	52.4	57.0	9.8	21.140689	-101.995047

42 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

43 C A R R : Libramiento de Mazamitla

CLAVE: 14014

RUTA: JAL

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. Jiquilpan - Colima	0.00																	
T. C. Jiquilpan - Colima	3.00	1	0	3308	35.4	43.0	54.4	9.1	42.7	50.9	54.5	9.8	36.3	45.3	53.8	9.5	19.924889	-103.044428

44 C A R R : Libramiento de Zapotlanejo

CLAVE: 14013

RUTA: JAL

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	0	13486	53.7	60.0	83.1	9.4	50.5	54.9	71.0	8.7	52.2	54.8	71.5	7.7	20.653379	-103.039307
T. C. Irapuato - Guadalajara	1.80	1	0	10801	51.2	57.7	98.0	11.1	48.1	53.0	62.4	7.6	50.2	53.2	59.7	7.4	20.631472	-103.051522

45 C A R R : Mascota - Puerto Vallarta

CLAVE: 00070

RUTA: JAL

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
Mascota	0.00	3	0	3242	60.7	69.0	81.6	10.1	55.5	54.5	64.5	2.4	56.5	64.1	80.2	9.9	20.537996	-104.803568
Puerto Vallarta	98.00	1	0	15278	38.7	44.1	56.6	8.6	48.4	52.6	54.7	8.3	37.1	48.4	56.9	11.7	20.703931	-105.230790

JALISCO

46 C A R R : Mazamitla - Tuxcueca

CLAVE: 14011

RUTA: JAL

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
Mazamitla	0.00	3	0	2819	47.7	53.2	105.7	10.6	41.0	48.5	54.1	8.8	44.4	51.8	58.6	9.5	19.933883	-103.044614
T. C. Jiquilpan - Guadalajara	42.00	1	0	2915	47.8	53.3	106.1	10.7	45.2	51.6	54.6	8.7	46.1	52.5	57.6	9.9	20.148410	-103.187541

47 C A R R : Pilotos - Los Campos

CLAVE: 00007

RUTA: AGS-030

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ent. La Calavera - Ent. San Pedro	0.00	3	0	1854	48.5	53.9	64.8	8.5	47.3	53.0	65.2	8.4	47.8	53.1	64.9	8.7	22.042775	-101.959379
Lim. Edos. Term. Ags. Ppia. Jal.	10.50																	
Los Campos	12.00																	

48 C A R R : Ramal a Jesús María

CLAVE: 14004

RUTA: JAL-004

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Tepatitlán - Las Adjuntas	0.00	3	0	3171	35.5	42.9	54.6	9.2	48.9	52.8	54.7	8.2	38.8	48.2	54.1	9.8	20.684205	-102.235062
Jesús María	9.00	1	0	3125	47.7	53.1	100.8	10.4	39.0	44.2	53.4	7.8	44.1	51.7	57.5	9.6	20.617228	-102.214811

49 C A R R : Ramal a Tapalpa

CLAVE: 14022

RUTA: JAL-022

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. Acatlán de Juárez - Cd. Guzmán	0.00	3	0	2082	34.4	37.7	45.0	5.2	36.6	47.0	53.9	7.4	38.6	50.6	54.4	11.6	19.983222	-103.595696
Tapalpa	32.00	1	0	2989	34.3	37.5	44.9	5.2	33.2	34.6	51.4	6.2	35.0	44.9	53.7	7.6	19.956998	-103.752118

50 C A R R : Ramal a Teocuitatlán de Corona

CLAVE: 14566

RUTA: JAL

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. Acatlán de Juárez - Cd. Guzmán	0.00	3	0	2661	48.6	53.9	64.8	8.5	47.8	53.0	65.4	8.3	50.6	53.2	56.7	7.0	20.120837	-103.543882
Teocuitatlán de Corona	18.00																	

JALISCO

51 C A R R : San Clemente - Ent. Las Cruces

CLAVE: 14070

RUTA: JAL

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Santa Cruz - Melaque	0.00	3	0	2423	57.7	71.8	90.5	14.6	54.7	54.9	69.3	4.1	52.3	59.9	77.9	10.5	20.072832	-104.230062
T. C. Ameca - Mascota	64.00																	

52 C A R R : San Isidro El Grande - Bajío de San José

CLAVE: 00526

RUTA: AGS-036

AÑO: 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ojuelos - Aguascalientes	0.00	3	0	1060	42.1	53.1	66.5	12.4	50.9	53.0	54.8	6.0	49.2	52.8	55.0	7.5	21.817334	-102.104780
Ent. San Bartolo	11.50	3	0	2162	41.9	53.1	69.5	12.7	47.2	52.1	54.9	7.9	47.5	52.5	55.6	8.4	21.746918	-102.172308
Lim. Edos. Term. Ags. Ppia. Jal.	17.50																	
Bajío de San José	22.50																	

53 C A R R : Sayula - Venustiano Carranza

CLAVE: 14585

RUTA: JAL

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. Acatlán de Juárez - Cd. Guzmán	0.00																	
Sayula	1.70	3	0	1128	52.7	58.1	71.9	7.9	52.1	53.5	60.9	5.1	51.5	54.9	71.0	8.2	19.864463	-103.607355
Venustiano Carranza	42.00	1	0	739	46.1	52.0	64.1	7.5	44.0	51.5	55.8	9.3	44.3	51.7	58.1	9.4	19.746381	-103.752826

54 C A R R : Tototlán - Ocotlán

CLAVE: 14583

RUTA: JAL

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
Tototlán	0.00	3	0	3997	47.7	53.2	96.7	10.3	44.0	51.0	54.5	8.7	45.6	52.2	57.3	9.5	20.529144	-102.783985
Ocotlán	26.00	1	0	10314	47.5	53.0	97.3	10.2	43.7	51.1	59.0	8.8	47.5	52.7	55.0	9.2	20.380582	-102.759073

55 C A R R : Valle de Guadalupe - Mexxicacán

CLAVE: 14593

RUTA: JAL

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	0	1771	35.7	43.4	54.2	9.0	41.5	49.9	54.3	9.8	40.1	49.4	54.3	10.0	21.047272	-102.584231
Mexxicacán	43.00	1	0	783	34.7	38.0	49.3	5.1	37.5	49.0	54.2	8.8	34.4	40.8	53.5	7.0	21.266937	-102.773017

JALISCO

56 C A R R : San Miguel El Alto - La Barca

CLAVE: 14005

ruta: JAL-005-MEX-071

AÑO : 2012

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jalostotitlán - Purísima de Bustos	0.00	3	0	3609	35.3	42.9	54.6	9.2	39.1	47.7	54.0	9.3	36.7	45.6	53.9	9.5	21.008025	-102.324540
X. C. Tepatitlán - Las Adjuntas	36.00	1	0	4616	47.6	53.1	98.0	10.3	43.3	50.7	54.9	8.8	47.0	52.6	55.0	9.4	20.729508	-102.451949
X. C. Tepatitlán - Las Adjuntas	36.00	3	0	4855	53.5	59.6	79.9	9.1	51.5	53.4	61.3	5.9	51.7	54.7	71.9	8.3	20.709787	-102.458286
Atotonilco El Alto	58.60	1	0	3970	53.4	59.5	80.1	9.1	53.2	53.5	60.7	3.9	52.2	54.4	70.7	7.2	20.550148	-102.523572
Atotonilco El Alto	58.60	3	0	8325	35.2	42.7	54.8	9.1	38.2	47.1	53.9	9.3	35.6	43.6	53.8	9.0	20.530790	-102.533768
La Barca	90.00	1	0	15711	47.8	53.4	97.2	10.4	43.6	51.3	59.5	9.2	47.4	52.7	56.4	9.4	20.311932	-102.537688

57 C A R R : Tepatitlán - Jaralillo

CLAVE: 00146

ruta: MEX-JAL-ZAC

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	0	6432	48.5	54.0	64.8	8.5	47.3	52.8	65.6	8.2	47.8	52.8	63.4	8.5	20.795320	-102.791727
T. Izq. Mezcala	22.40	3	0	1360	48.7	54.2	65.2	8.6	47.2	53.3	64.7	8.3	47.9	52.9	63.9	8.2	20.962778	-102.816448
Yahualica de González Gallo	57.40	3	1	1507	51.8	58.6	69.5	8.8	50.4	57.6	66.8	9.1	50.3	55.0	69.9	9.1	21.202852	-102.886038
Yahualica de González Gallo	57.40	3	2	1426	45.2	50.3	56.6	6.3	45.8	51.9	61.2	7.8	44.8	50.6	54.7	7.2	21.202870	-102.886038
T. Der. Mexxicacán	72.45	3	0	2143	48.6	54.0	64.8	8.5	49.0	53.8	63.0	8.0	47.5	52.8	63.7	8.8	21.253742	-102.802672
Lim. Edos. Term. Jal. Ppia. Zac.	83.50																	
Lim. Edos. Term. Zac. Ppia. Jal.	106.00																	
Teocaltiche	111.00	1	0	3173	48.6	54.0	64.8	8.4	47.7	53.8	64.6	8.8	48.3	52.9	63.6	8.7	21.425750	-102.589855
Teocaltiche	111.00	3	0	3287	48.6	54.0	64.9	8.4	46.8	53.9	64.8	8.9	48.0	52.8	62.6	8.4	21.455203	-102.555760
T. C. León - Aguascalientes	157.00	1	0	2532	35.3	43.0	54.4	9.1	51.9	53.2	54.8	5.2	38.6	48.0	54.1	9.8	21.643396	-102.278399

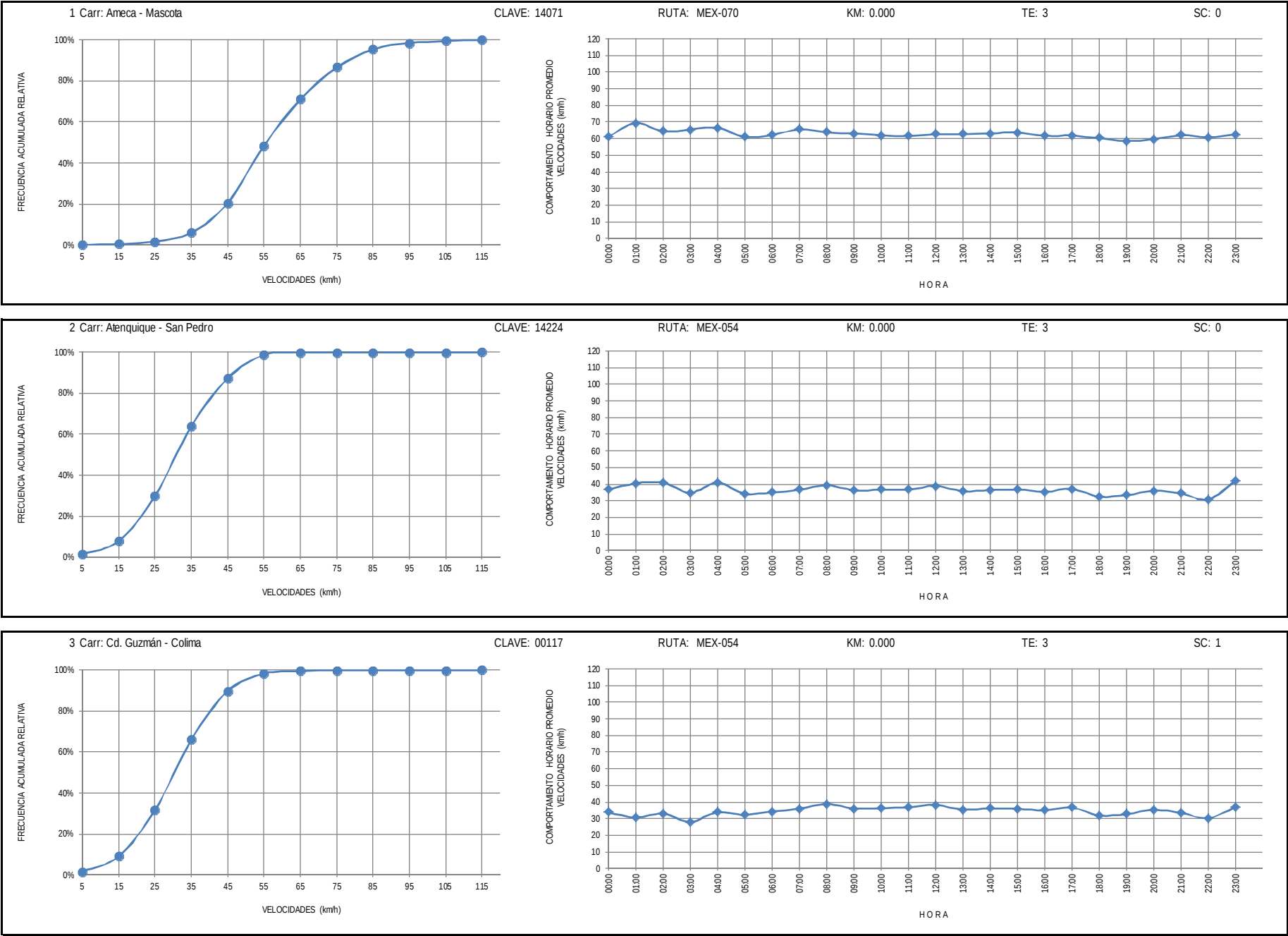
58 C A R R : Tepatitlán - Las Adjuntas

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



3 Carr: Cd. Guzmán - Colima

CLAVE: 00117

VELOCIDADES (km/h)	FRECUENCIA ACUMULADA RELATIVA (%)
5	0%
15	10%
25	32%
35	66%
45	89%
55	98%
65	100%
75	100%
85	100%
95	100%
105	100%
115	100%

RUTA: MEX-054

KM: 0.000

TE: 3

SC: 1

HORA	COMPORTAMIENTO HORARIO PROMEDIO VELOCIDADES (km/h)
00:00	34
01:00	31
02:00	33
03:00	27
04:00	34
05:00	33
06:00	34
07:00	35
08:00	38
09:00	35
10:00	36
11:00	36
12:00	37
13:00	35
14:00	36
15:00	36
16:00	35
17:00	37
18:00	32
19:00	33
20:00	35
21:00	34
22:00	30
23:00	36

4 Carr: Dolores Hidalgo - Ojuelos de Jalisco

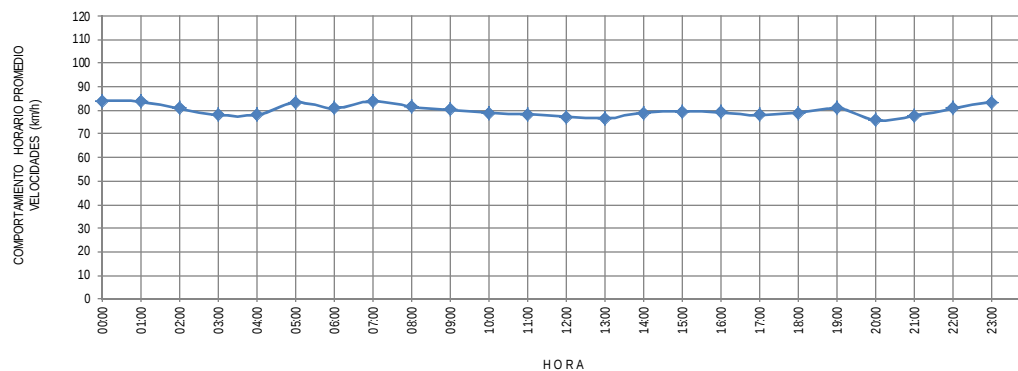
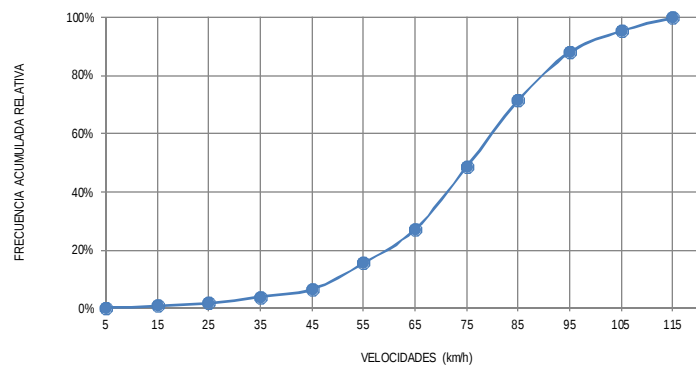
CLAVE: 00107

ruta: MEX-051

KM: 0.000

TE: 3

SC: 0



5 Carr: Ent. Penitenciaría - Villa Hidalgo

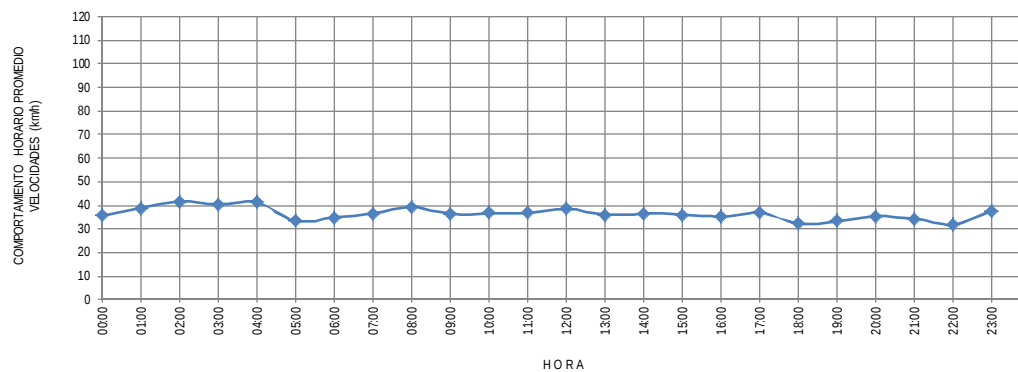
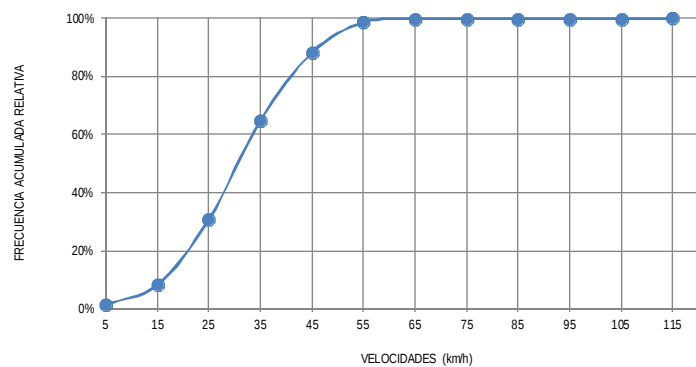
CLAVE: 00120

ruta: MEX-071

KM: 0.000

TE: 3

SC: 0



6 Carr: Ent. Santa Cruz - Melaque

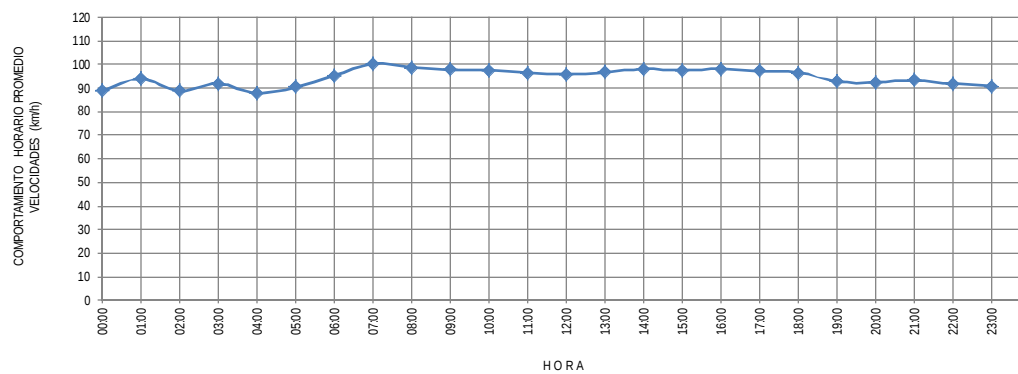
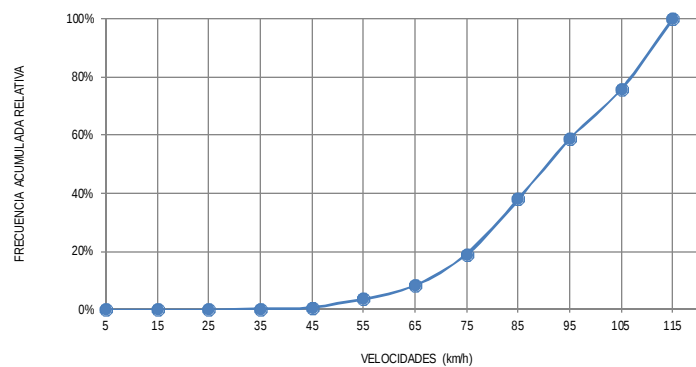
CLAVE: 14118

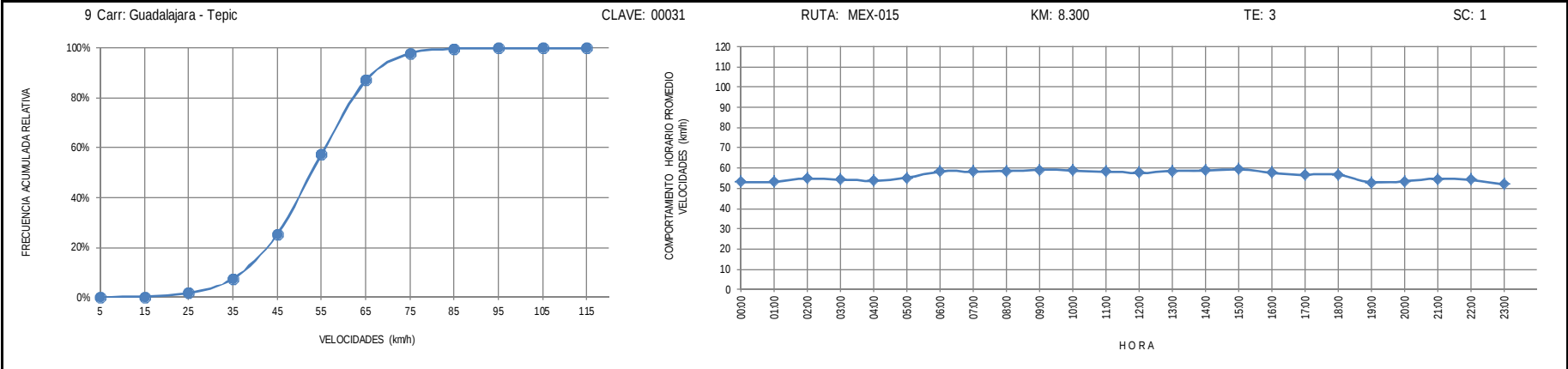
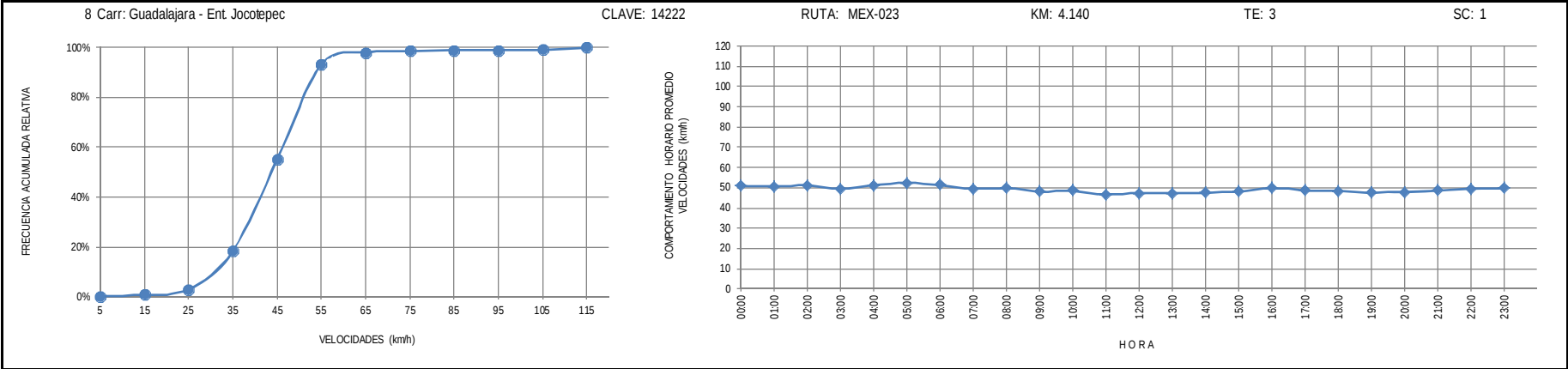
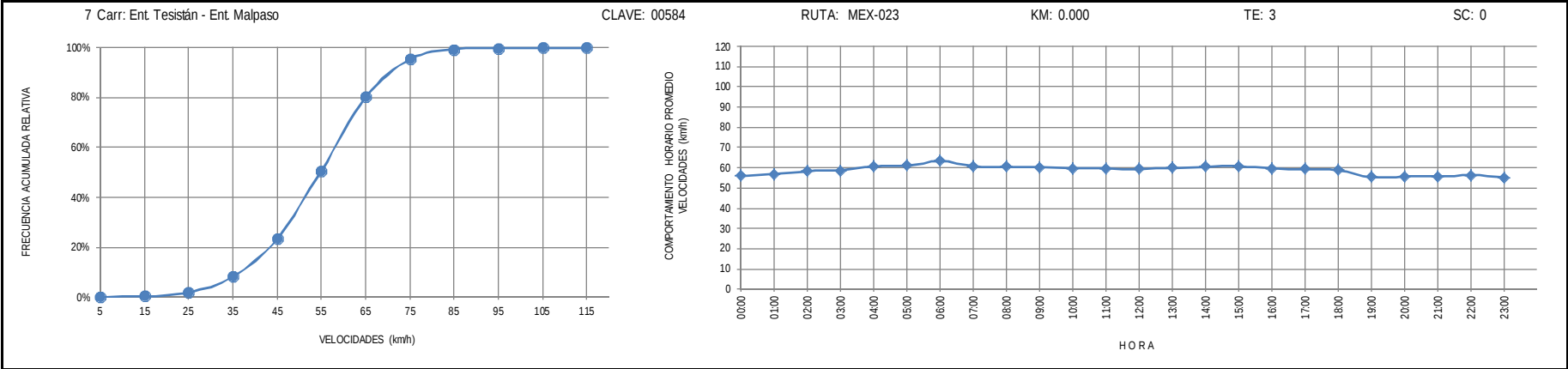
ruta: MEX-080

KM: 4.800

TE: 3

SC: 1





10 Carr: Guadalajara - Tesisán

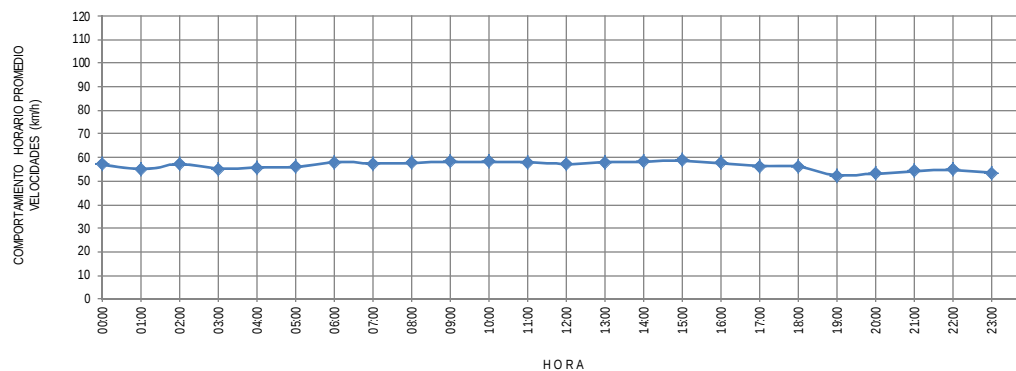
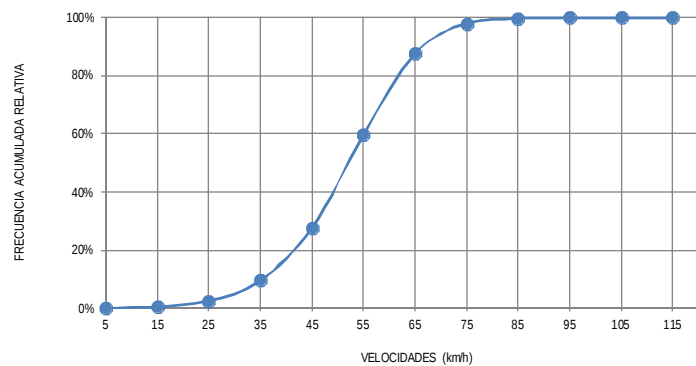
CLAVE: 14012

ruta: MEX-023

KM: 9.000

TE: 3

SC: 1



11 Carr: Guadalajara - Zacatecas

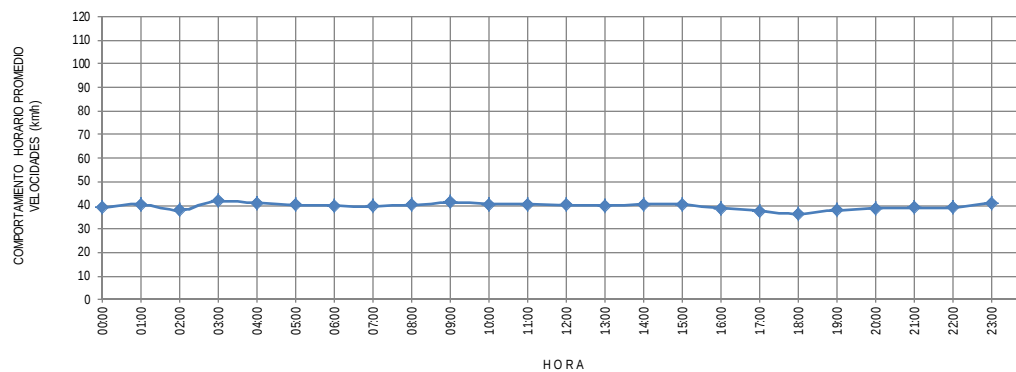
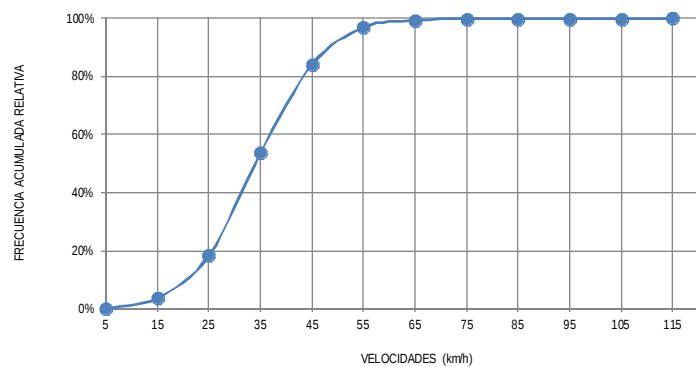
CLAVE: 00150

ruta: MEX-054

KM: 6.190

TE: 3

SC: 1



12 Carr: Irapuato - Zapollanejo

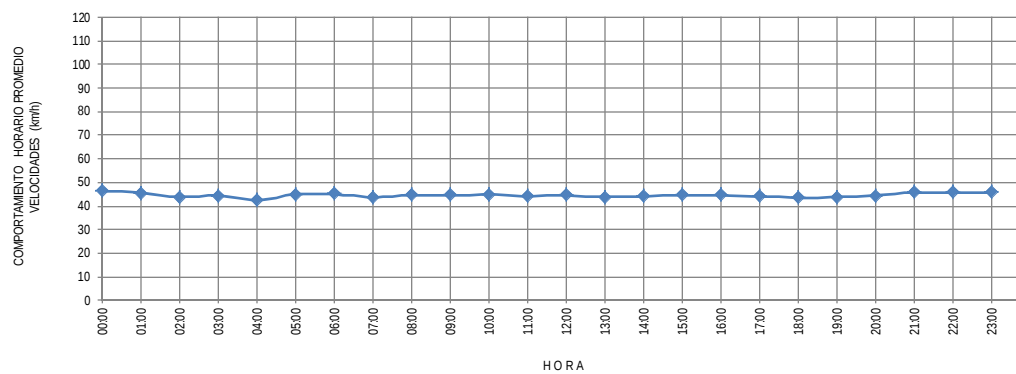
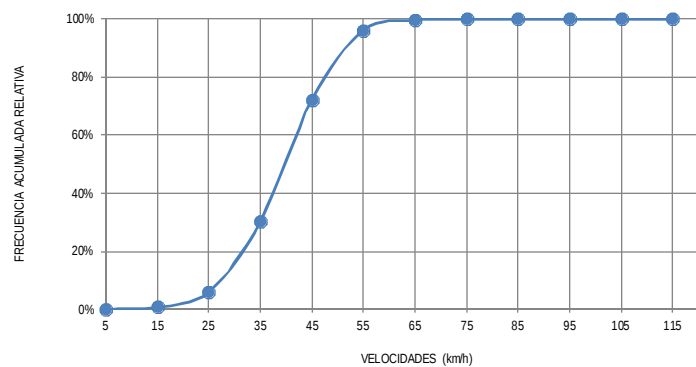
CLAVE: 00114

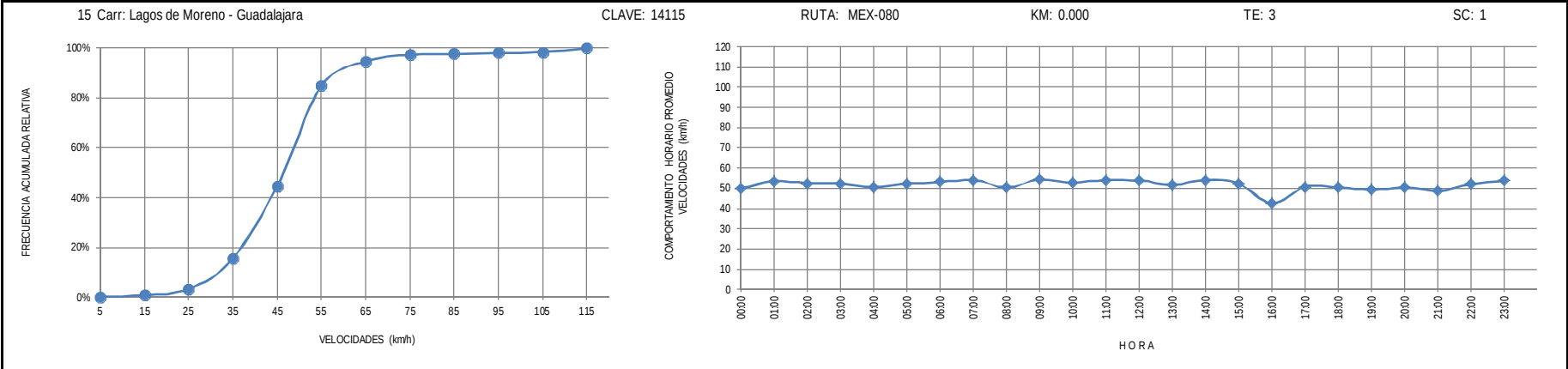
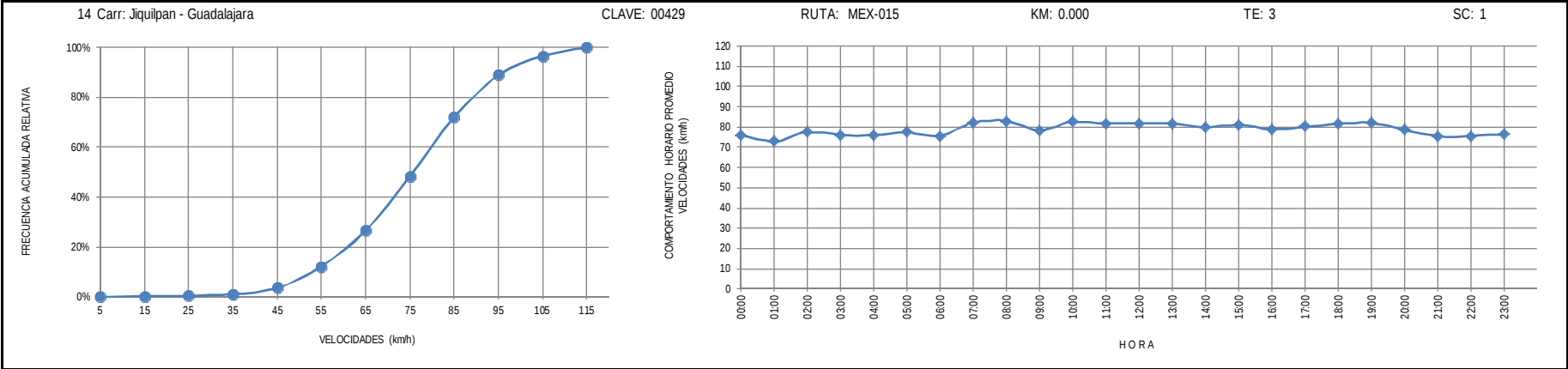
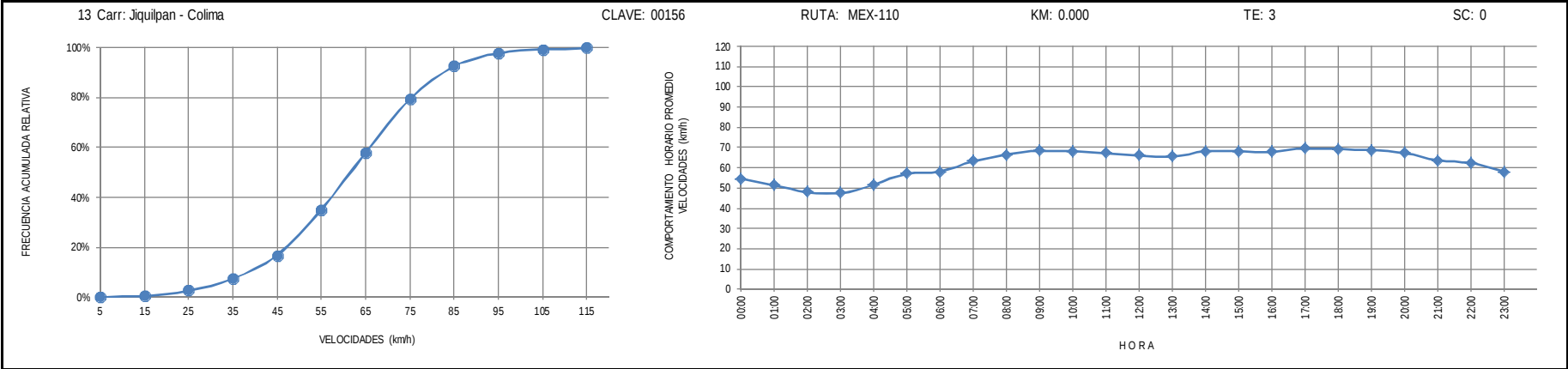
ruta: MEX-090

KM: 2.780

TE: 1

SC: 1





16 Carr: León - Aguascalientes

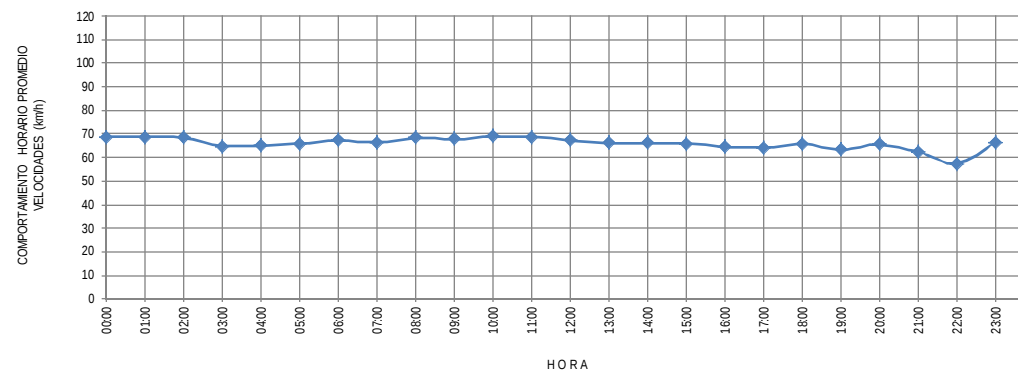
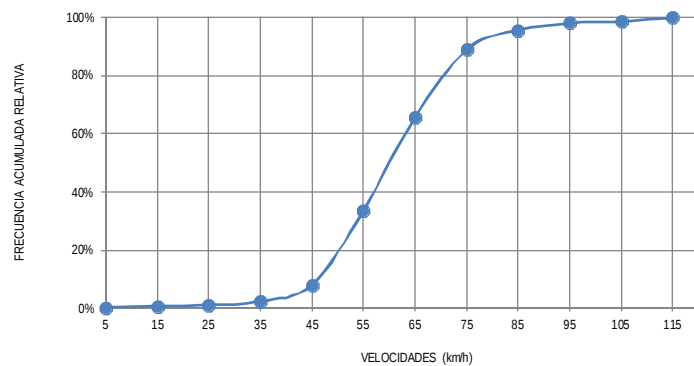
CLAVE: 00167

ruta: MEX-045

KM: 11.000

TE: 1

SC: 1



17 Carr: Manuel Doblado - La Piedad

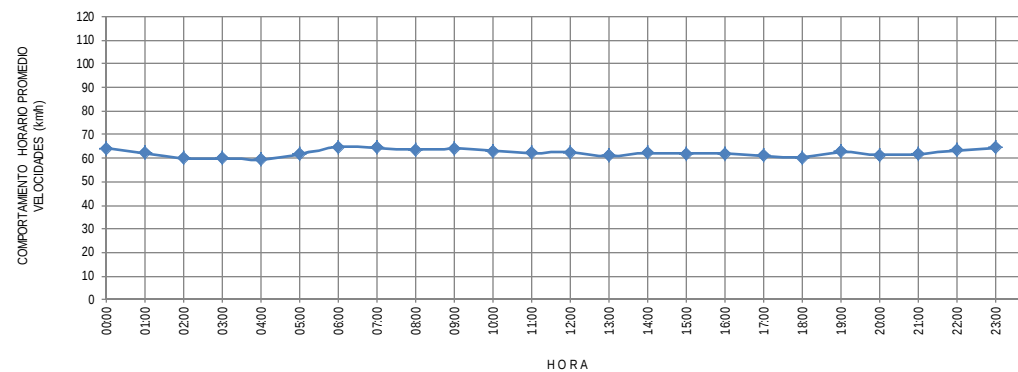
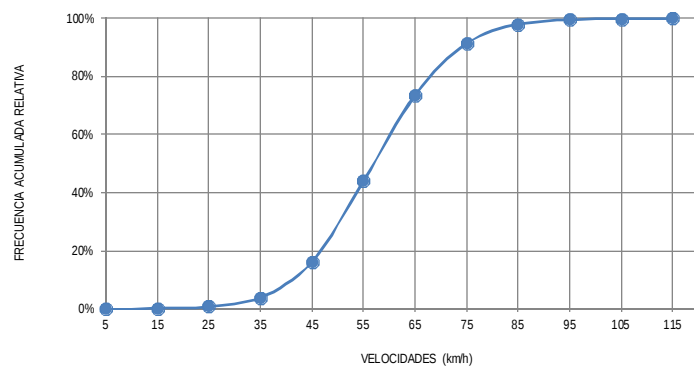
CLAVE: 11028

ruta: MEX-084

KM: 0.000

TE: 3

SC: 0



18 Carr: Manzanillo - Puerto Vallarta

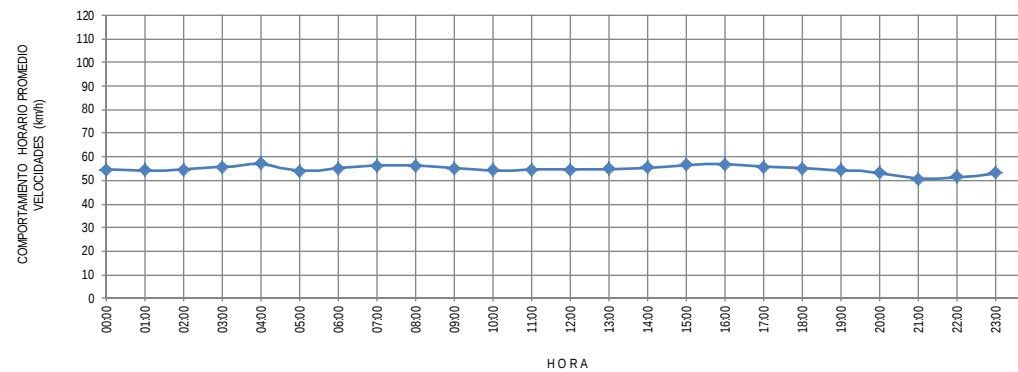
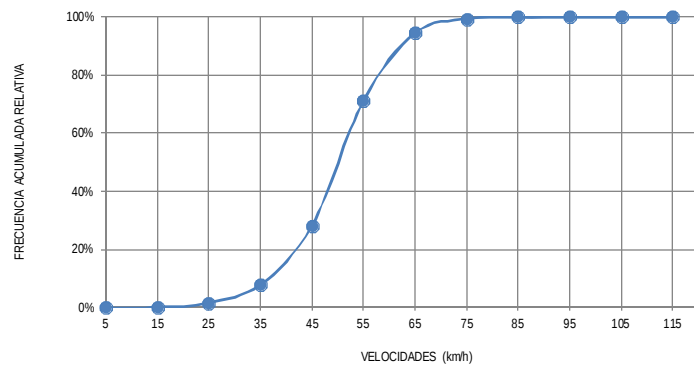
CLAVE: 00070

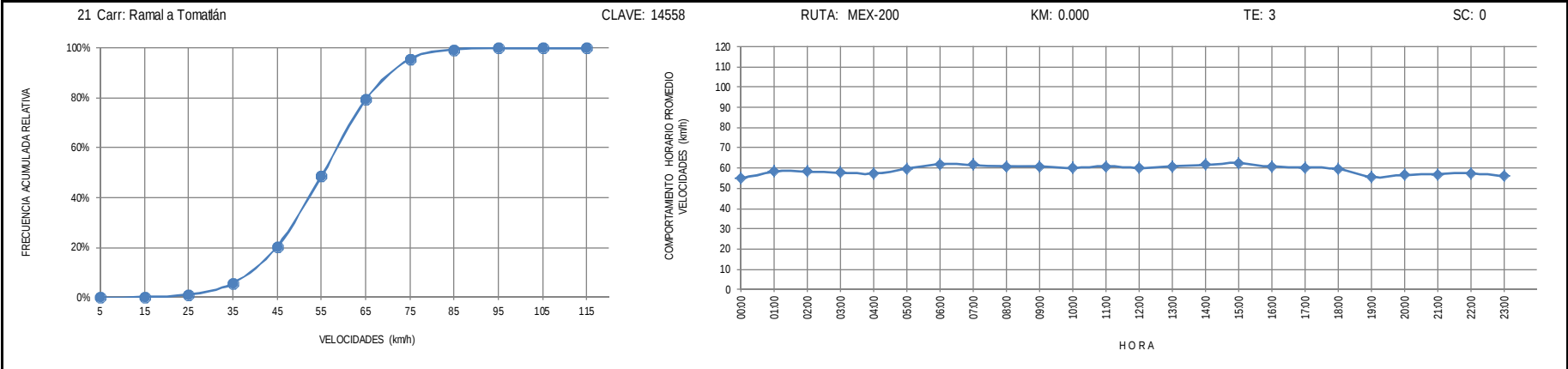
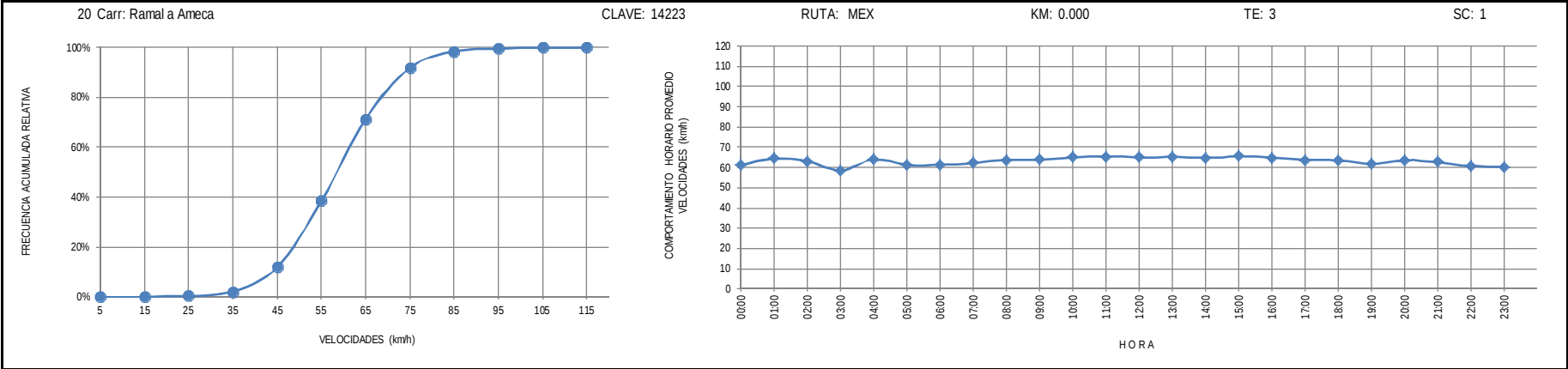
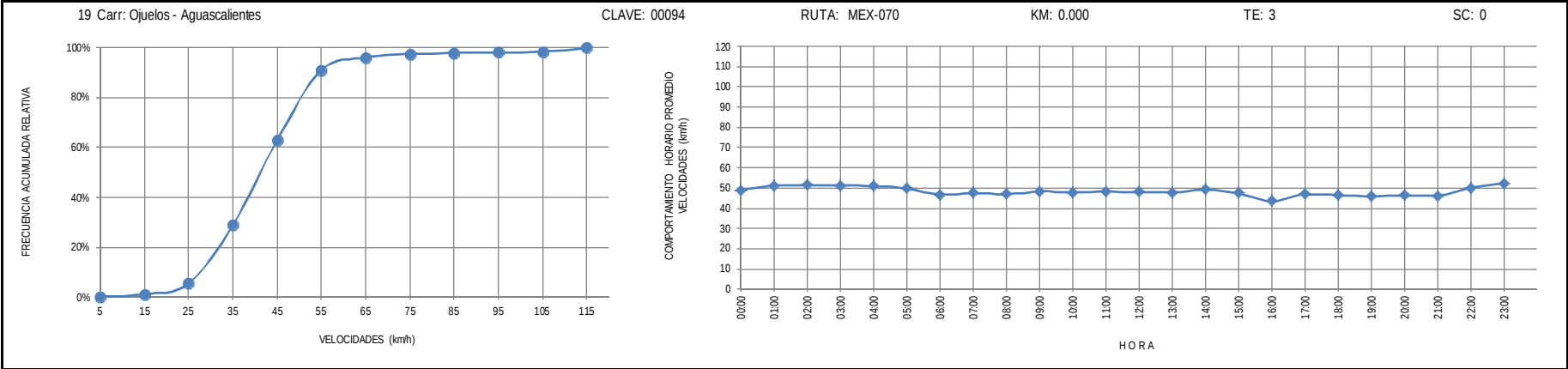
ruta: MEX-200

KM: 0.000

TE: 3

SC: 1





22 Carr: San Luis Potosí - Lagos de Moreno

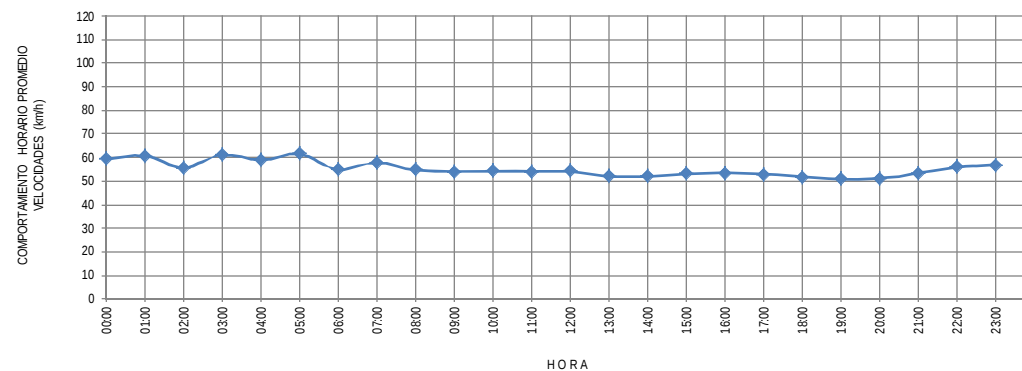
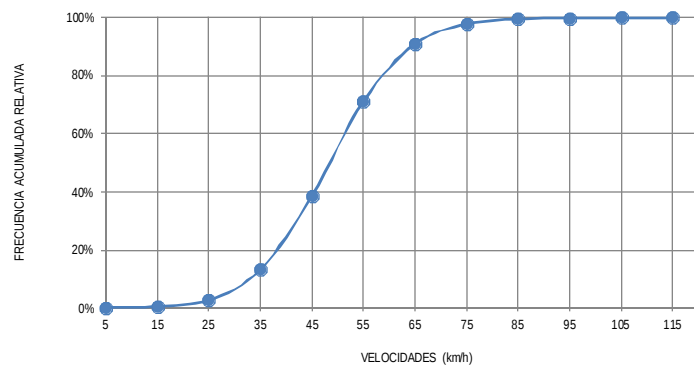
CLAVE: 00133

ruta: MEX-070-080

KM: 0.000

TE: 3

SC: 1



23 Carr: Santa Rosa - La Barca

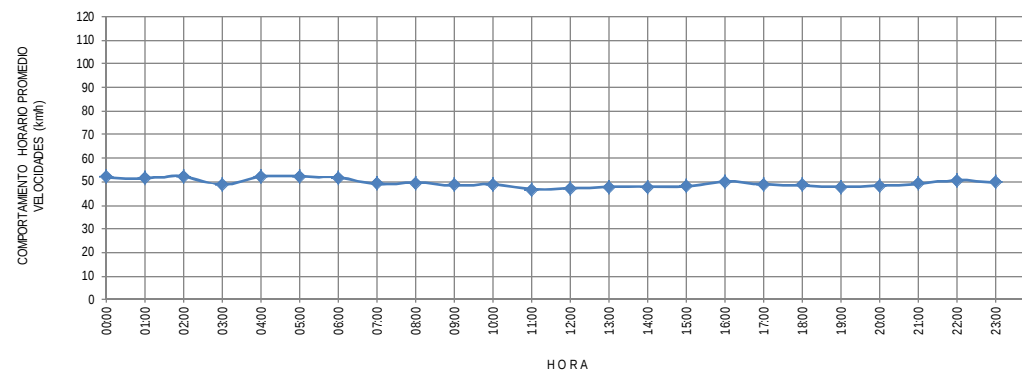
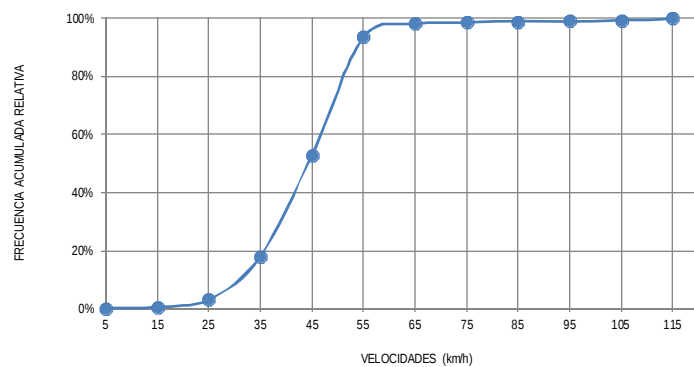
CLAVE: 14007

ruta: MEX-035

KM: 0.000

TE: 3

SC: 1



24 Carr: T. C. (Jiquilpan - Colima) - Est. Huescalapa

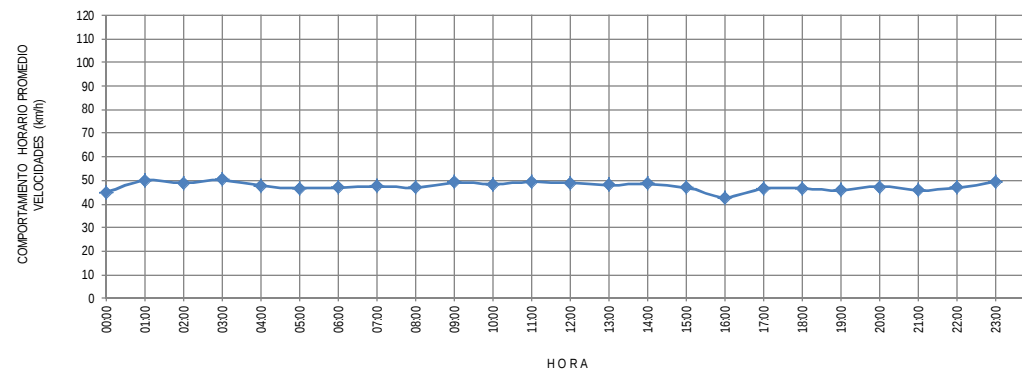
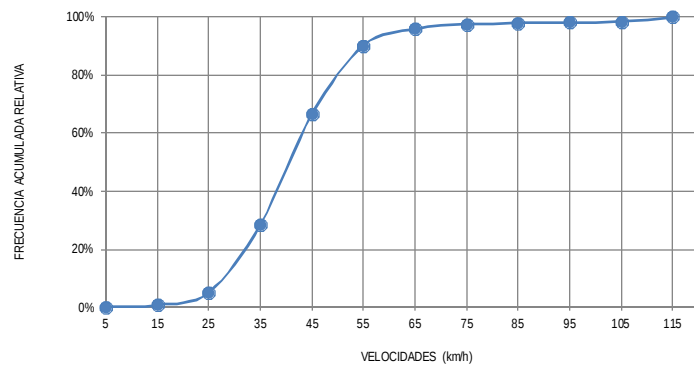
CLAVE: 14225

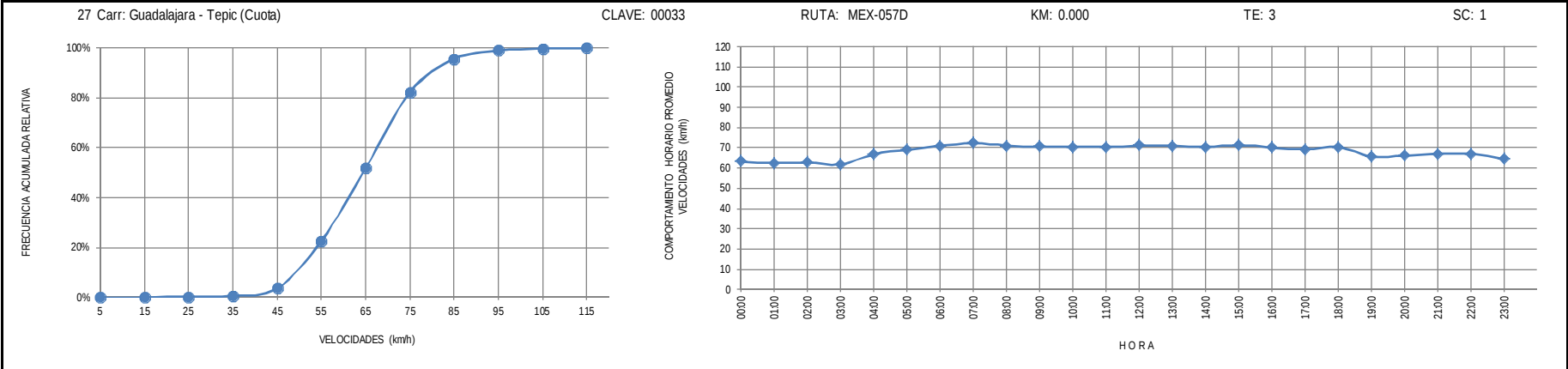
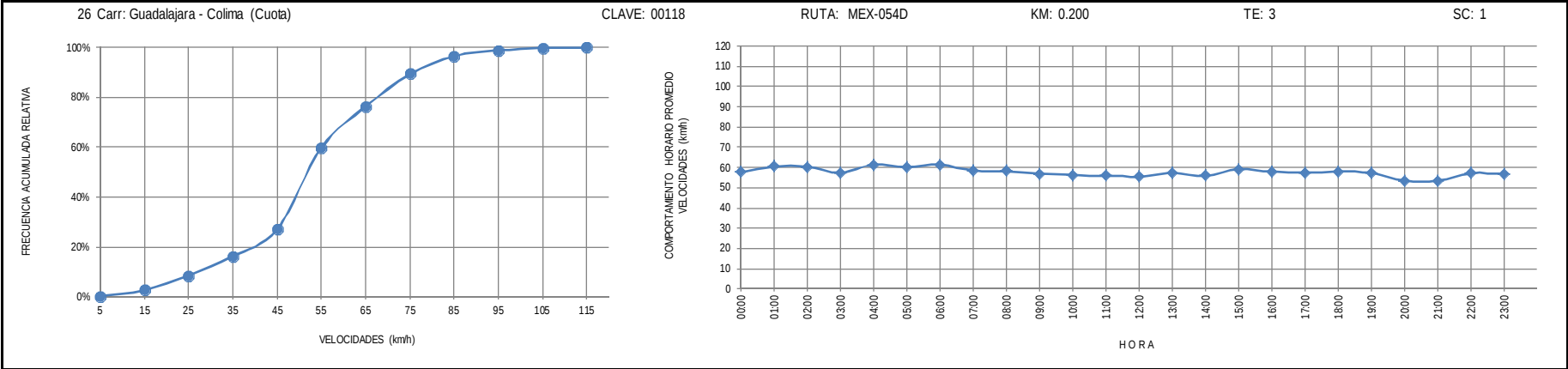
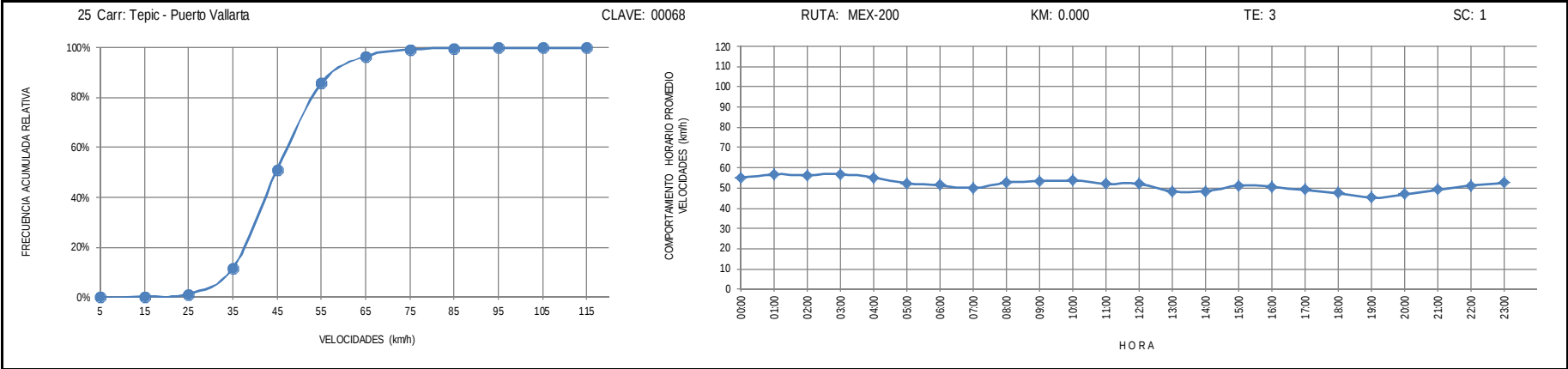
ruta: MEX-110

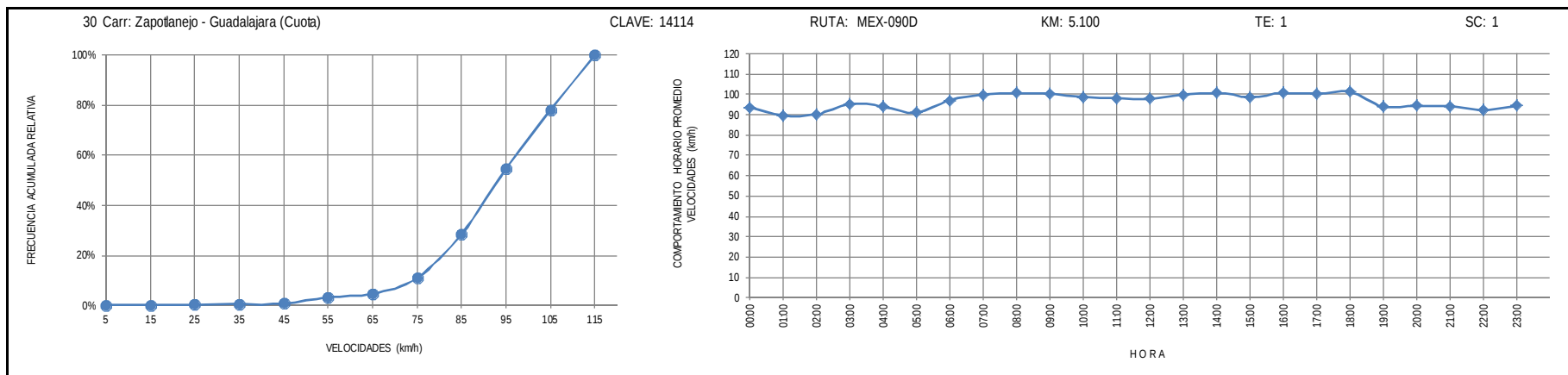
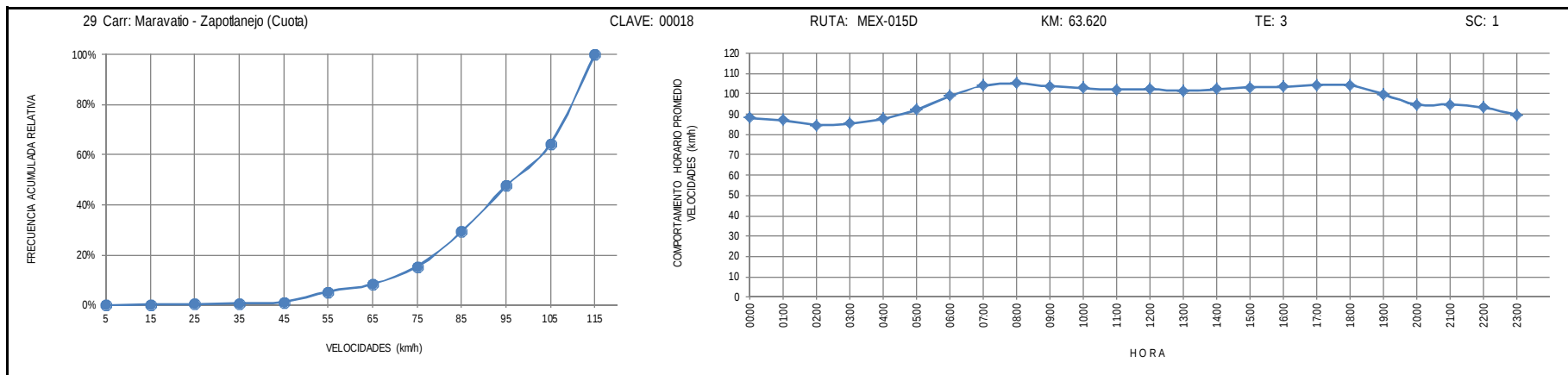
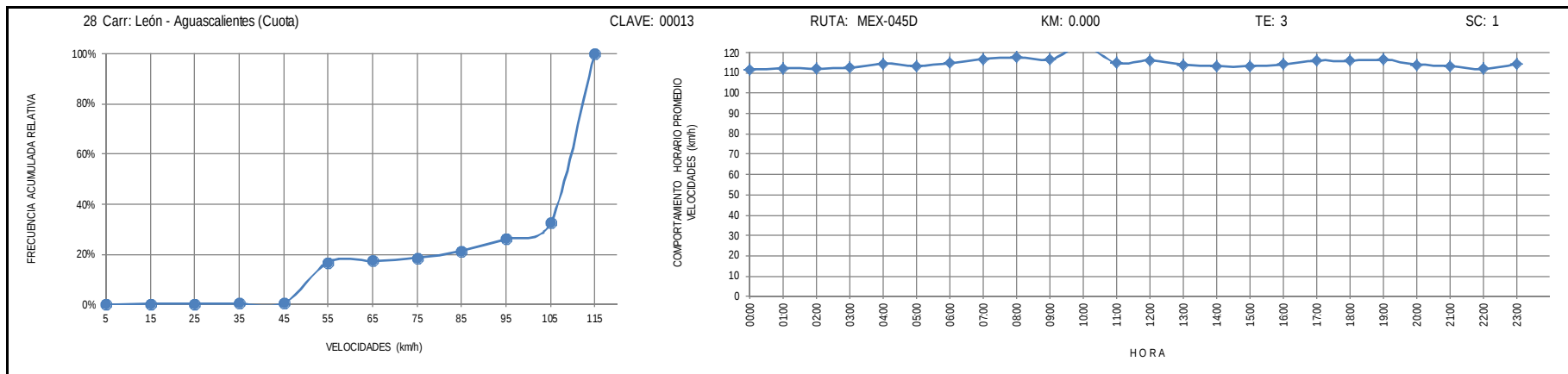
KM: 0.000

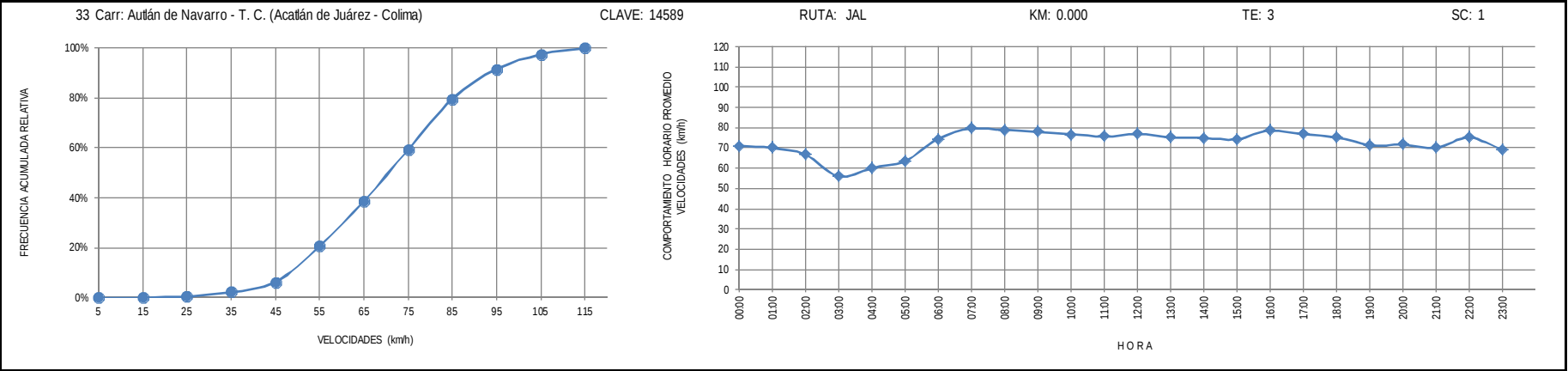
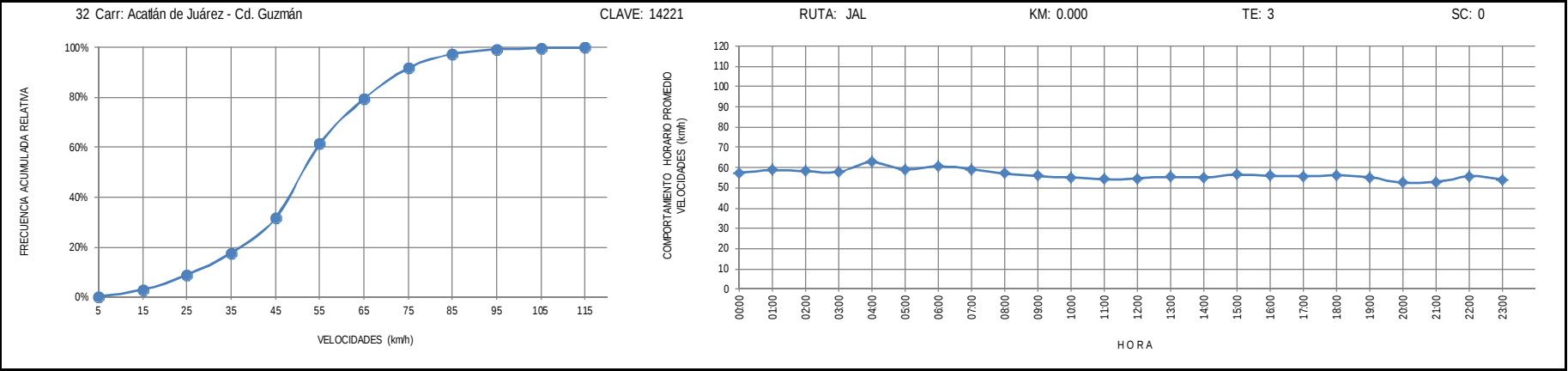
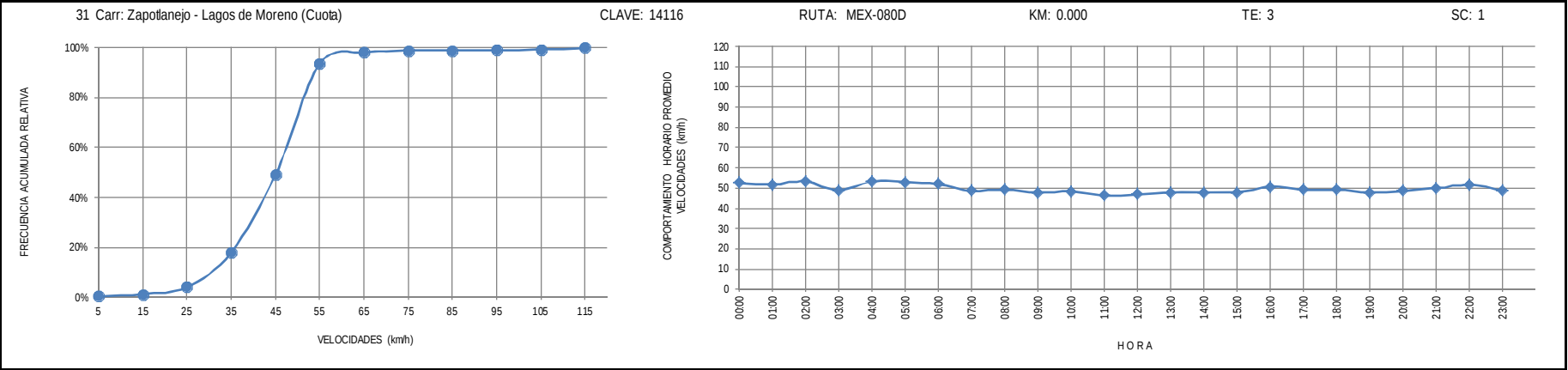
TE: 3

SC: 0









34 Carr: Cd. Guzmán - La Mesa y El Fresno

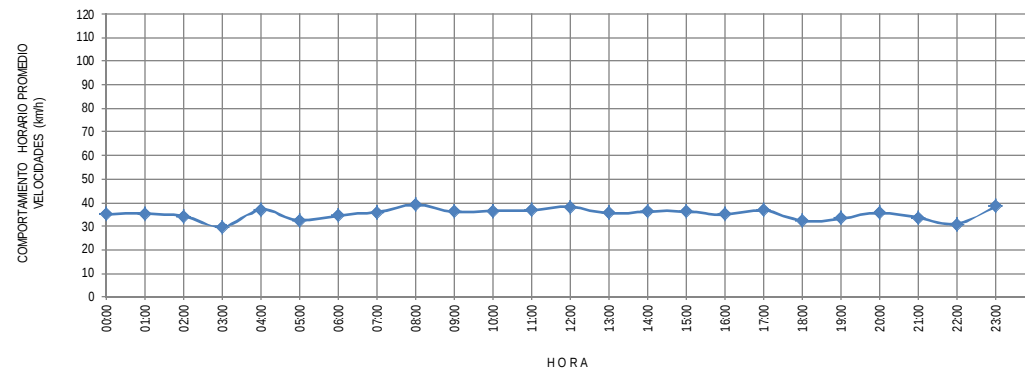
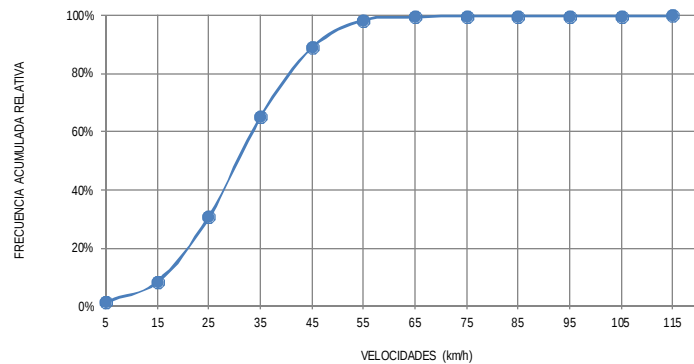
CLAVE: 00117

ruta: JAL

KM: 0.000

TE: 3

SC: 0



35 Carr: Crucero de Santa María - Ameca

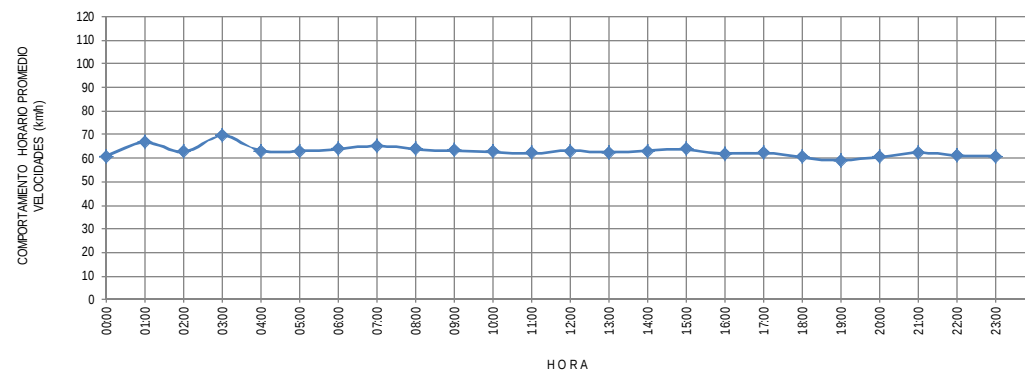
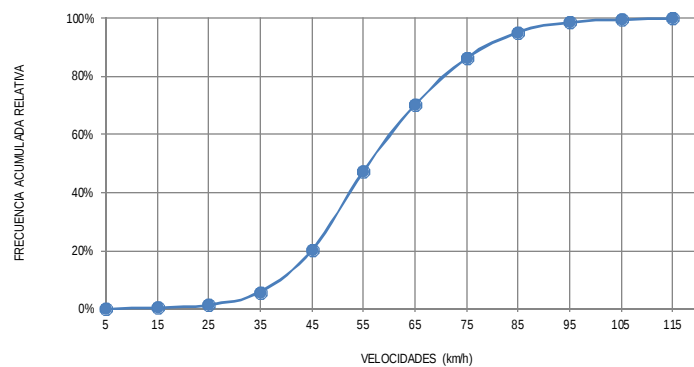
CLAVE: 14573

ruta: JAL

KM: 0.000

TE: 3

SC: 0



36 Carr: El Refugio - San Marcos

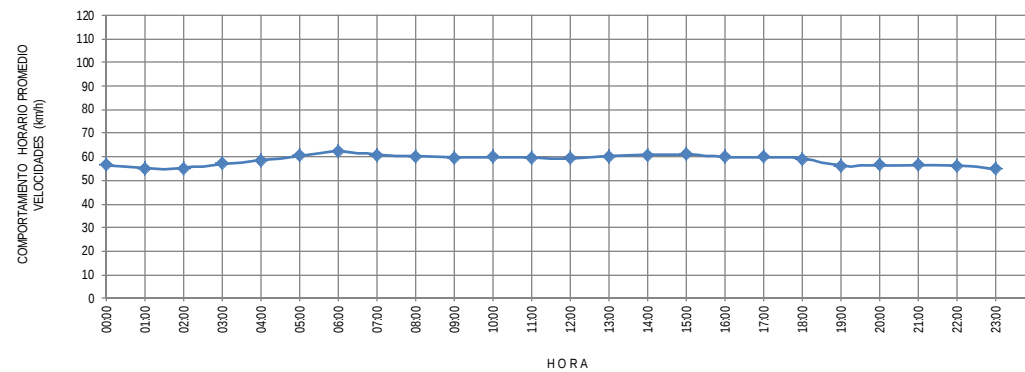
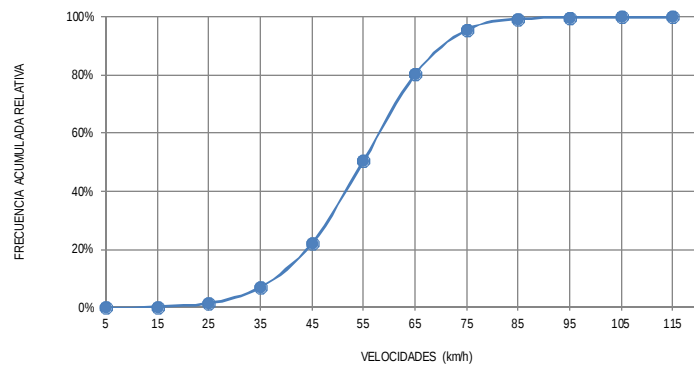
CLAVE: 14027

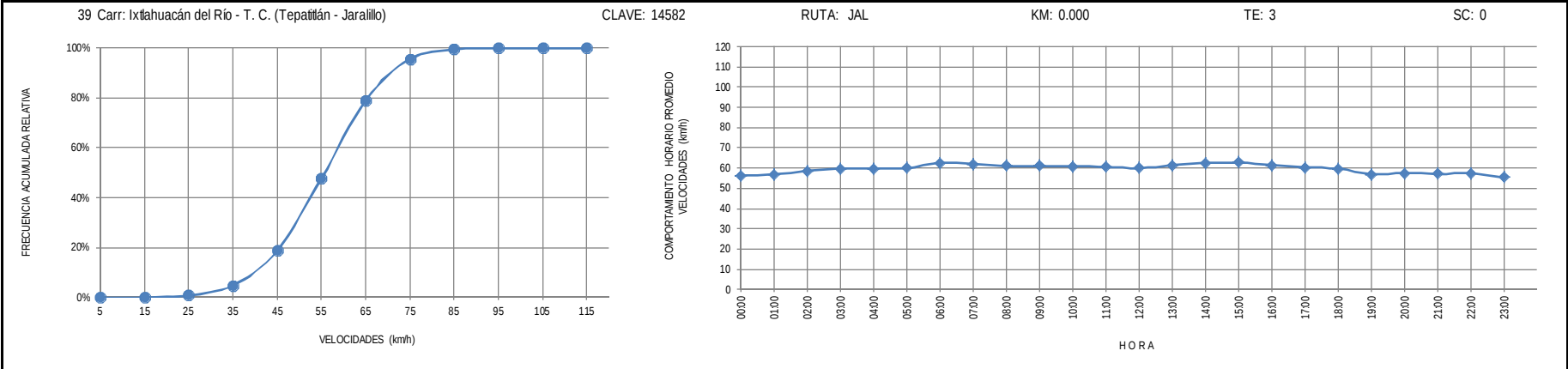
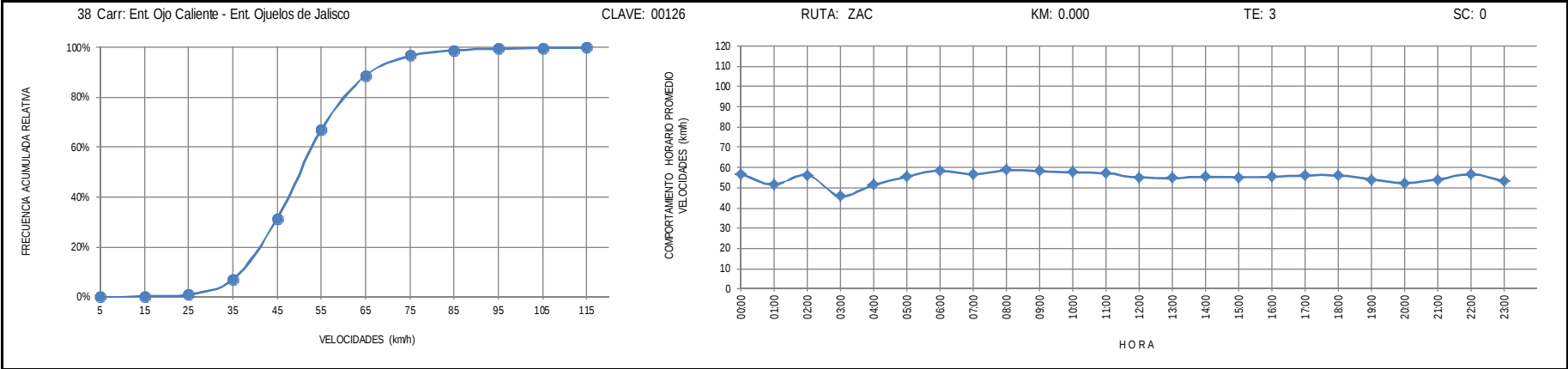
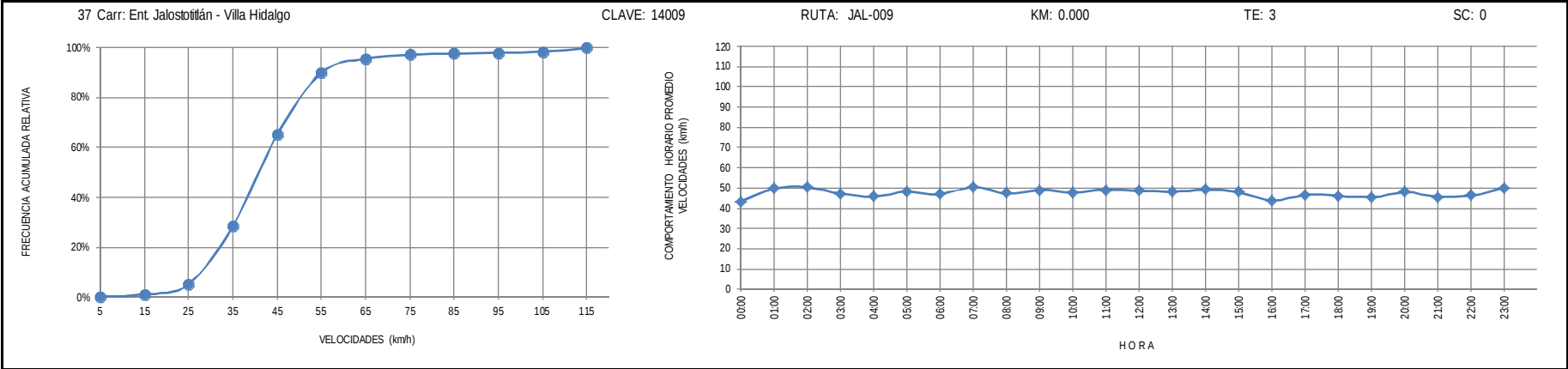
ruta: JAL-004

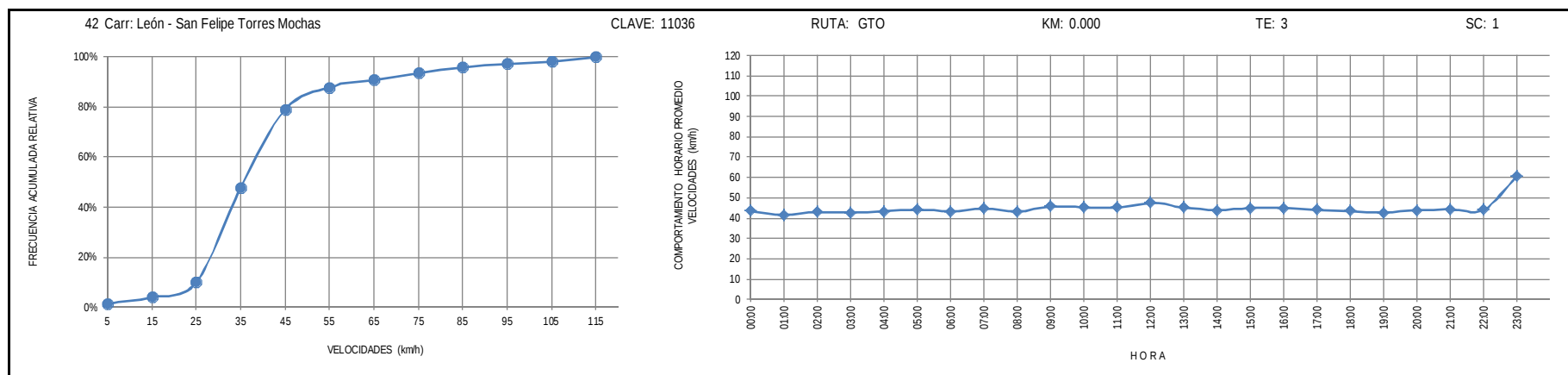
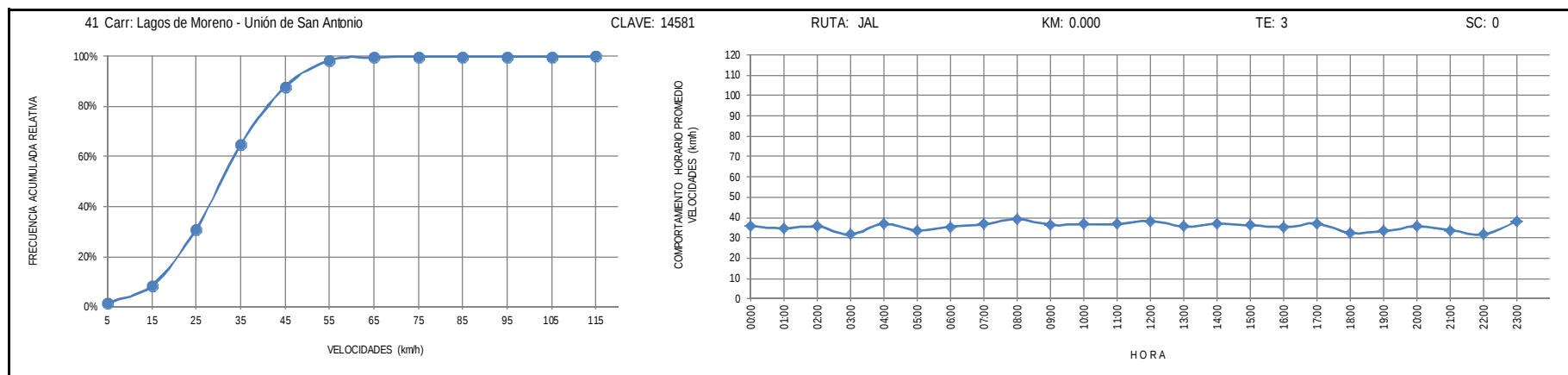
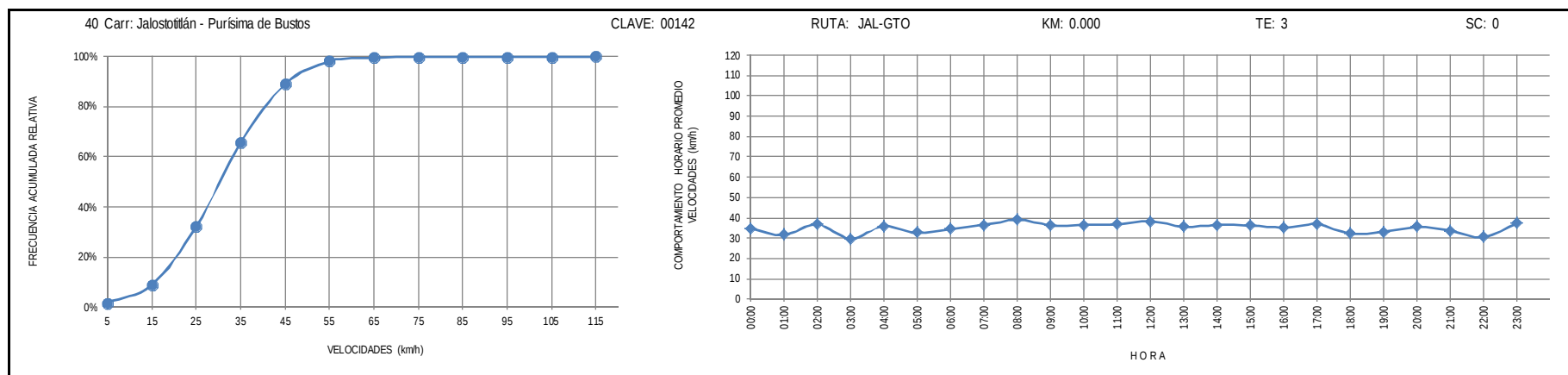
KM: 0.000

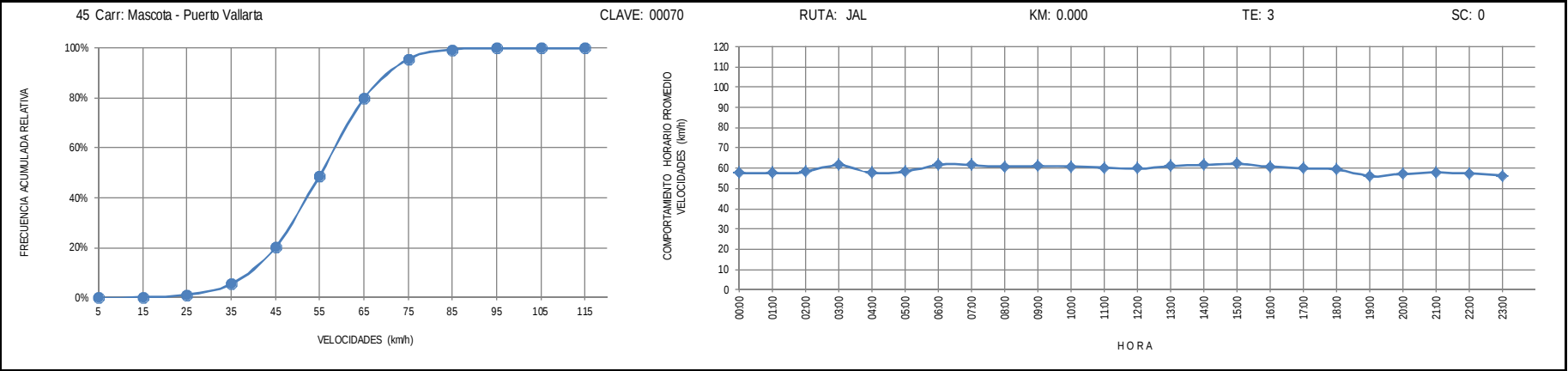
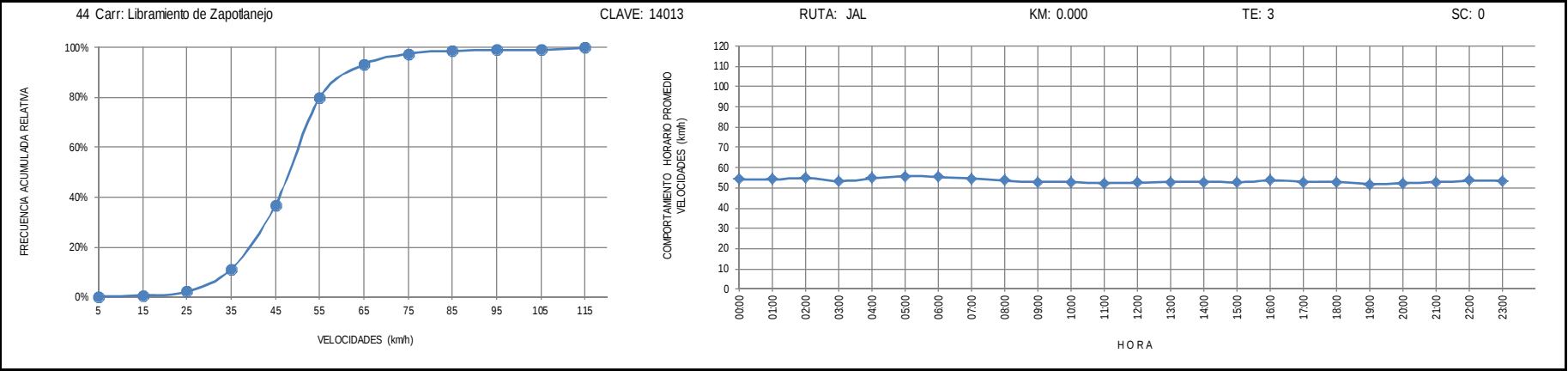
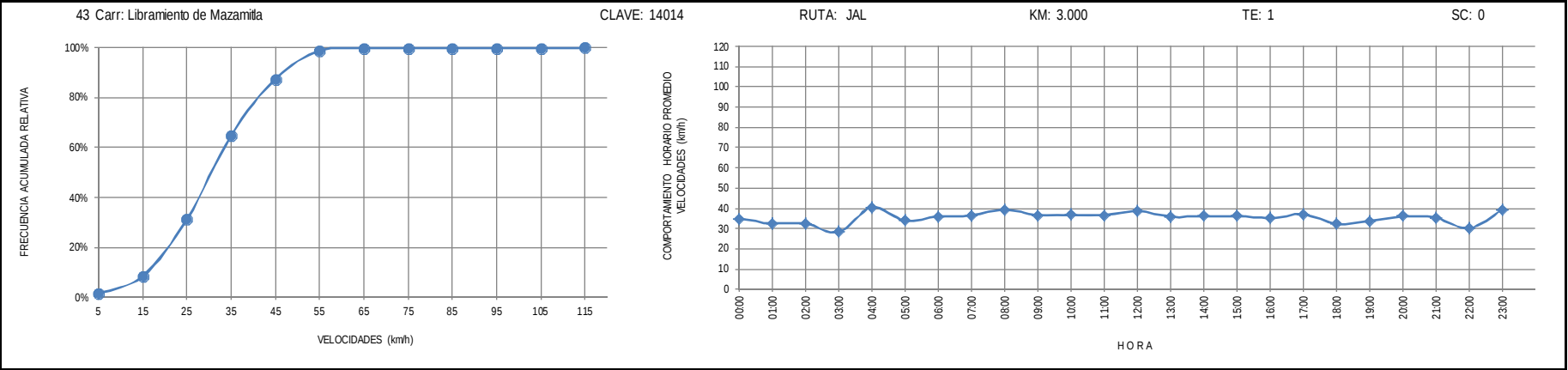
TE: 3

SC: 0









46 Carr: Mazamilla - Tuxcueca

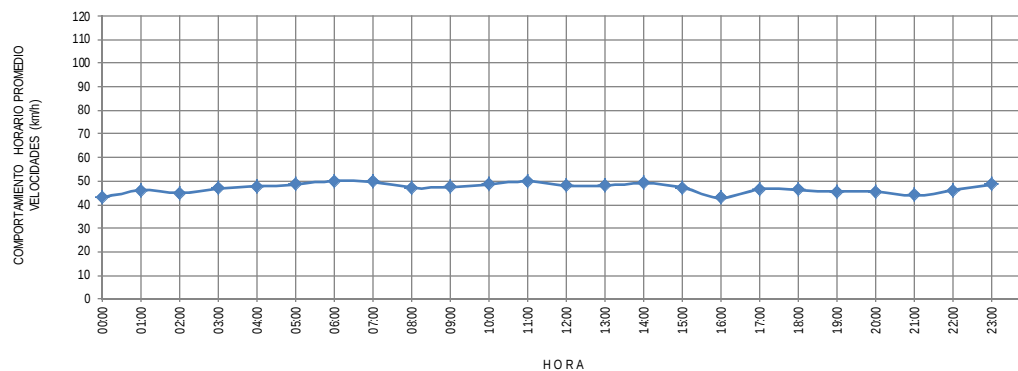
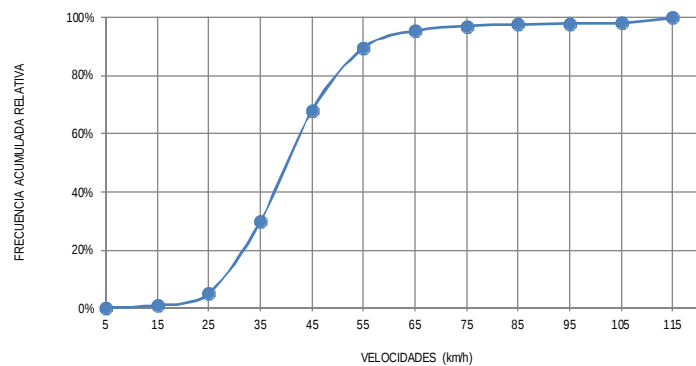
CLAVE: 14011

ruta: JAL

KM: 0.000

TE: 3

SC: 0



47 Carr: Pilotos - Los Campos

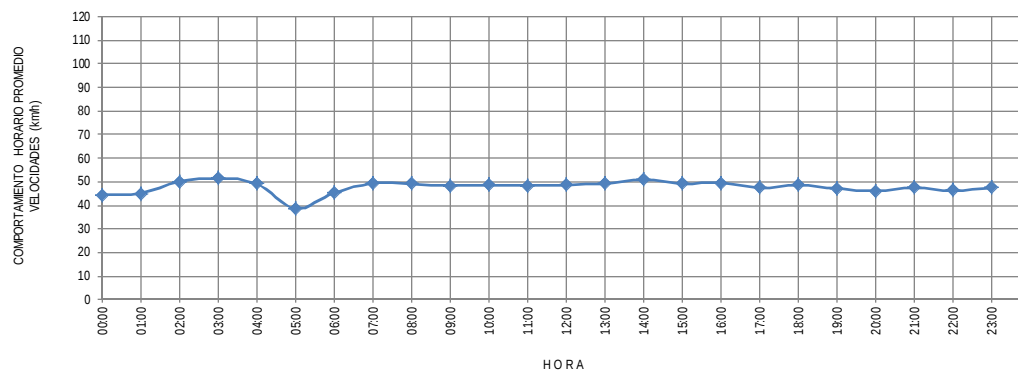
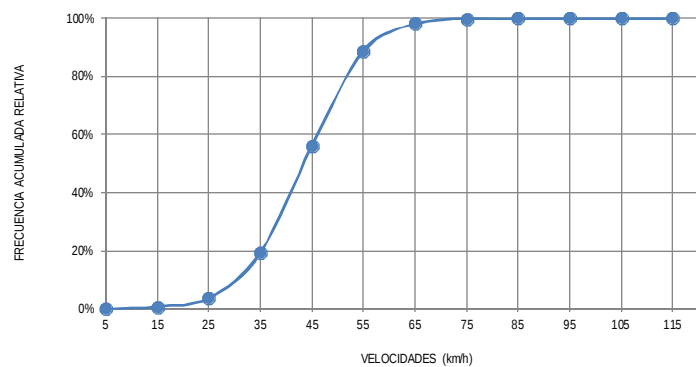
CLAVE: 00007

ruta: AGS-030

KM: 0.000

TE: 3

SC: 0



48 Carr: Ramal a Jesús María

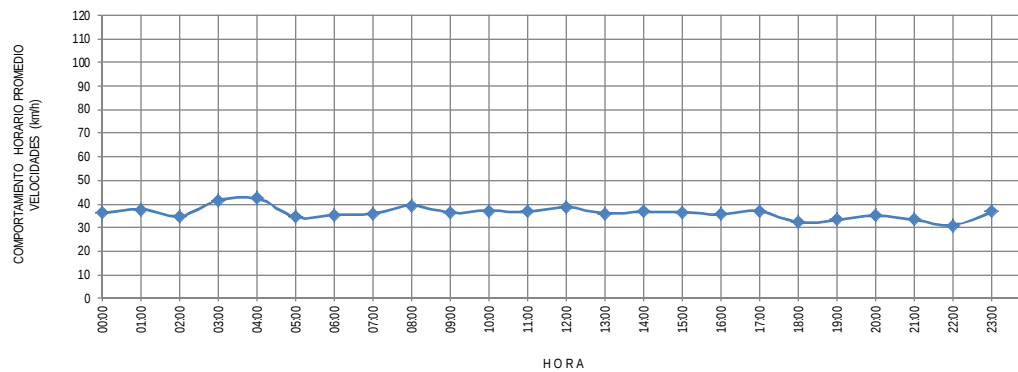
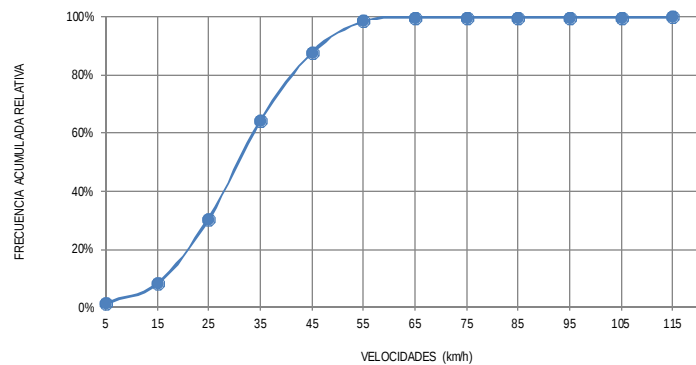
CLAVE: 14004

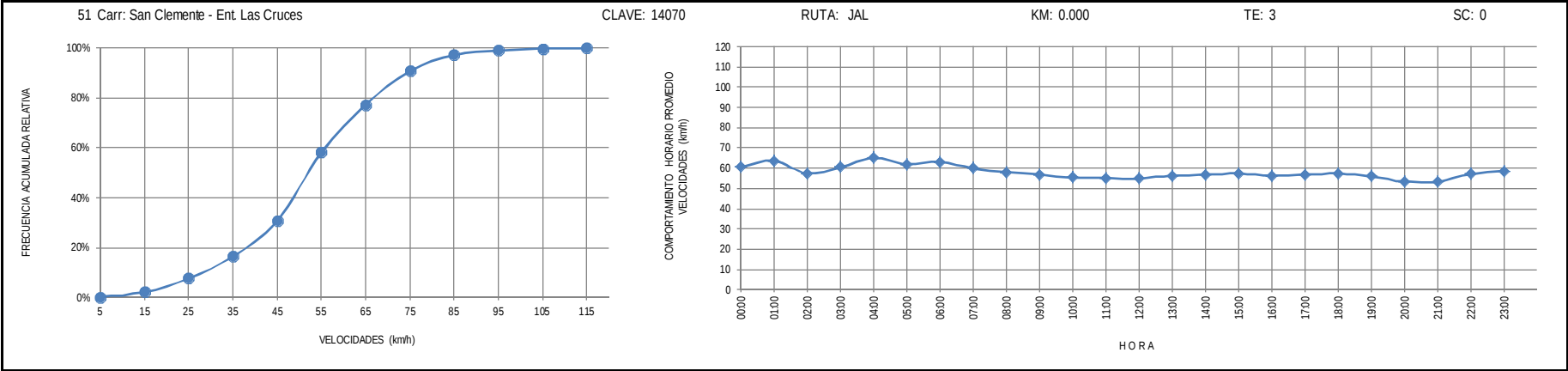
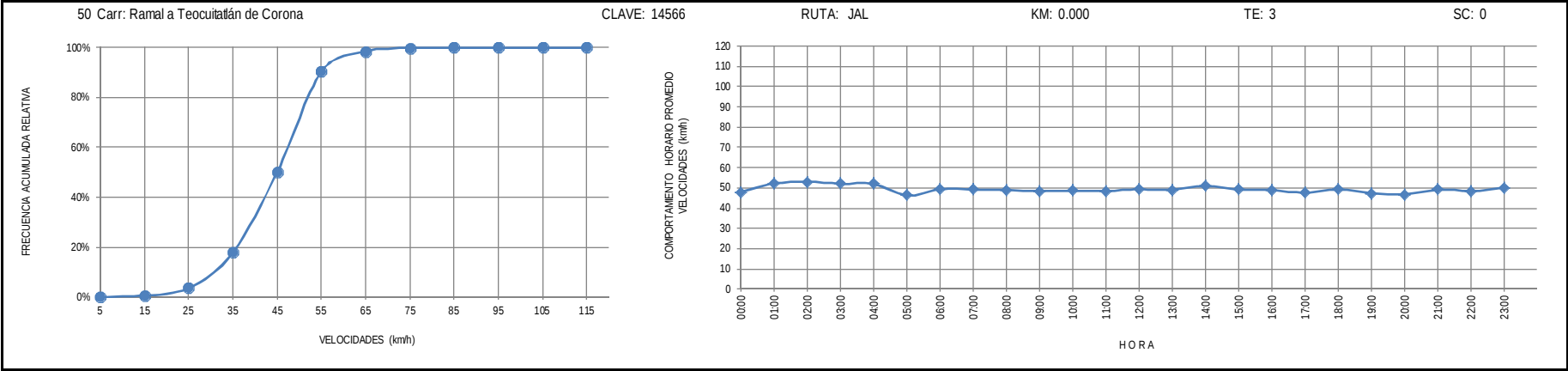
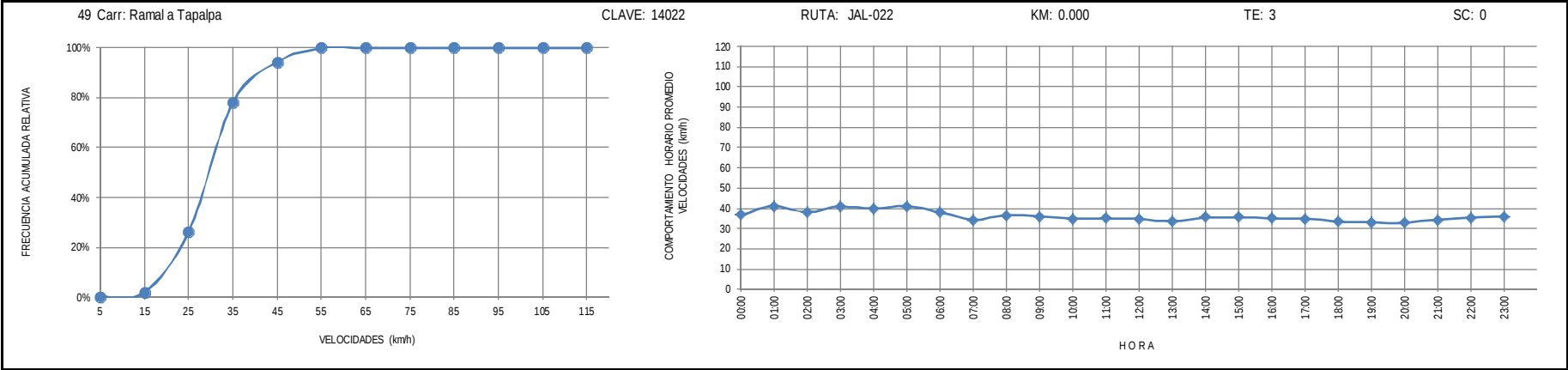
ruta: JAL-004

KM: 0.000

TE: 3

SC: 0





52 Carr: San Isidro El Grande - Bajo de San José

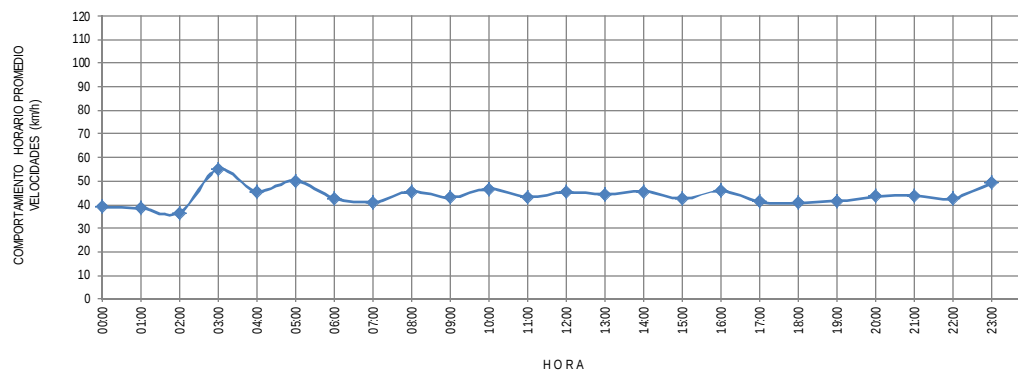
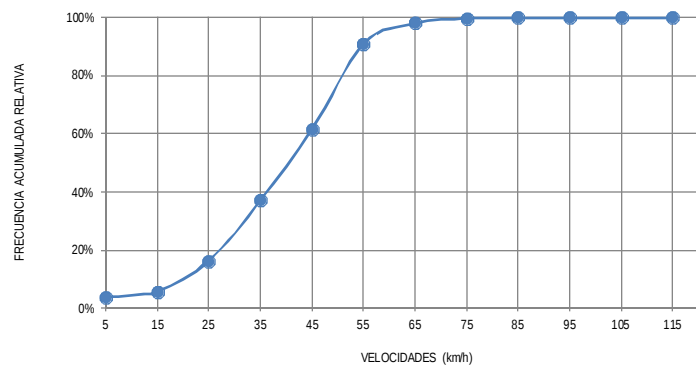
CLAVE: 00526

ruta: AGS-036

KM: 0.000

TE: 3

SC: 0



53 Carr: Sayula - Venustiano Carranza

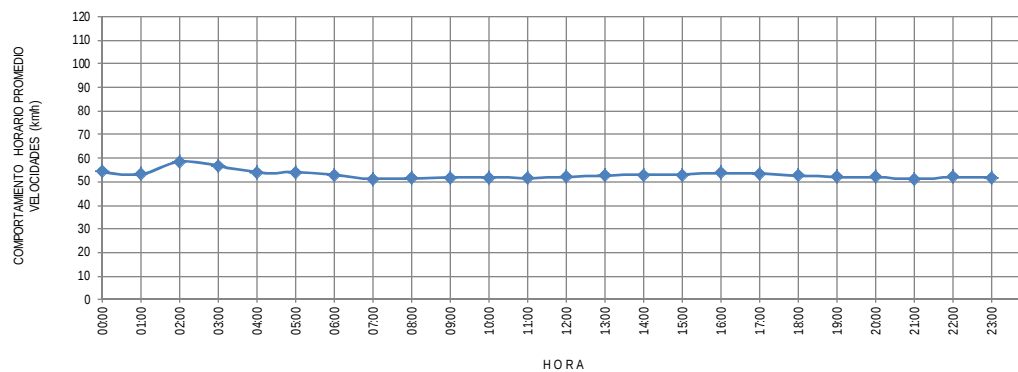
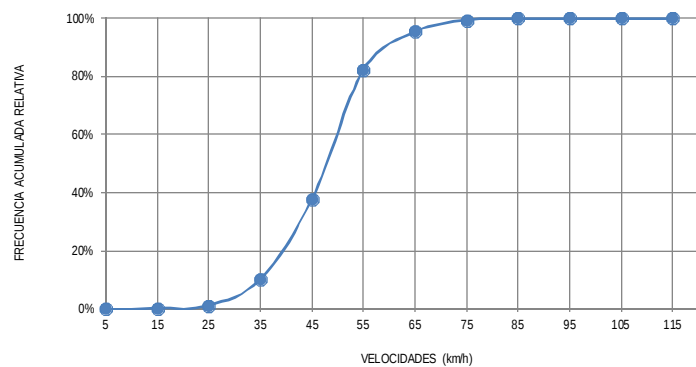
CLAVE: 14585

ruta: JAL

KM: 1.700

TE: 3

SC: 0



54 Carr: Tototlán - Ocotlán

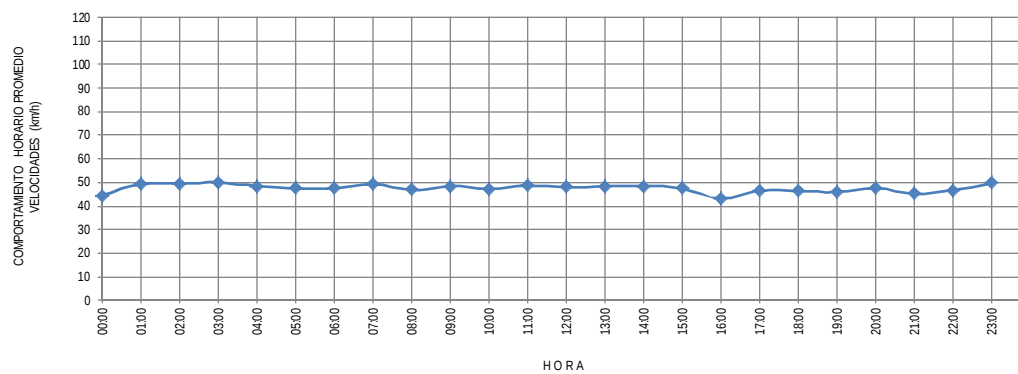
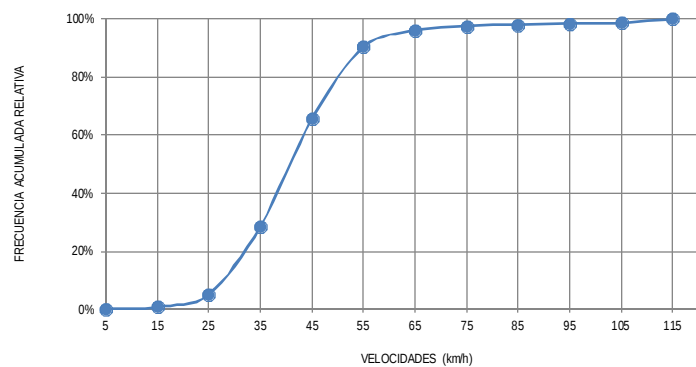
CLAVE: 14583

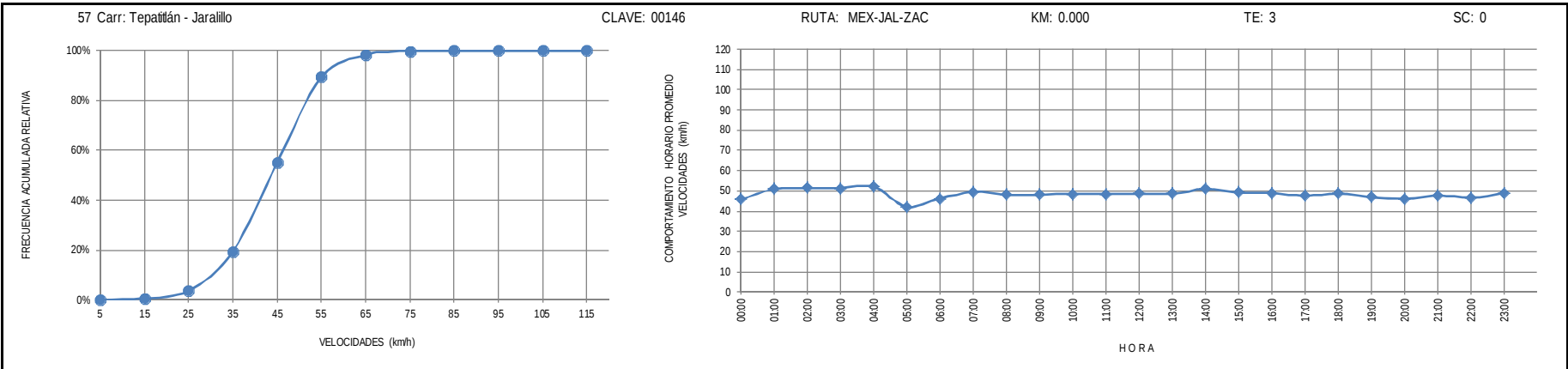
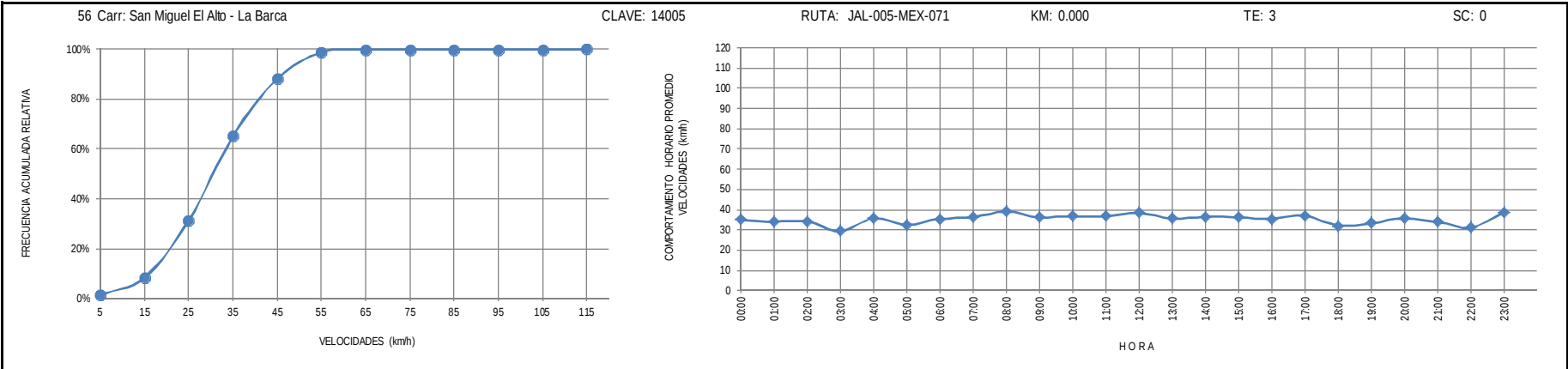
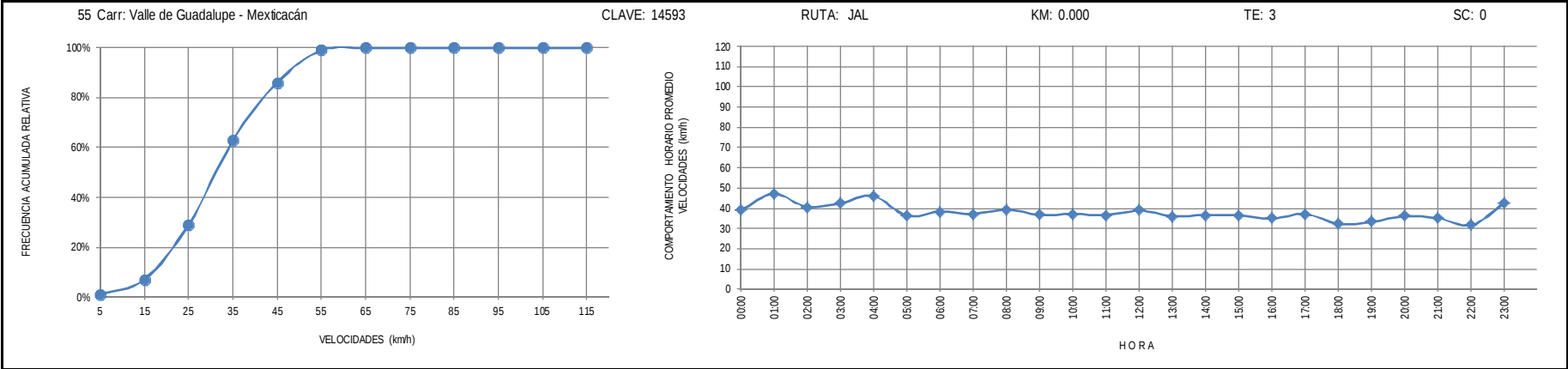
ruta: JAL

KM: 0.000

TE: 3

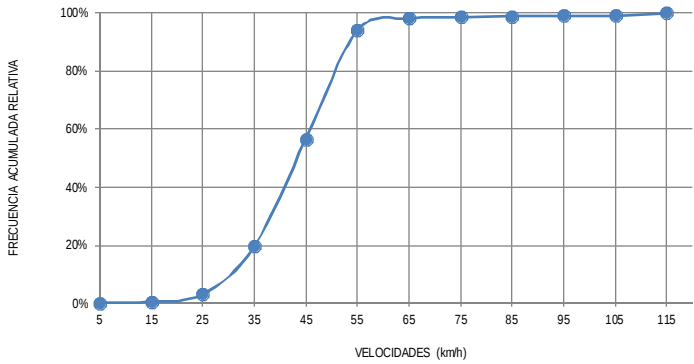
SC: 0





58 Carr: Tepatlán - Las Adjuntas

CLAVE: 00141



ruta: JAL/MEX-084

KM: 0.000

TE: 3

SC: 1

