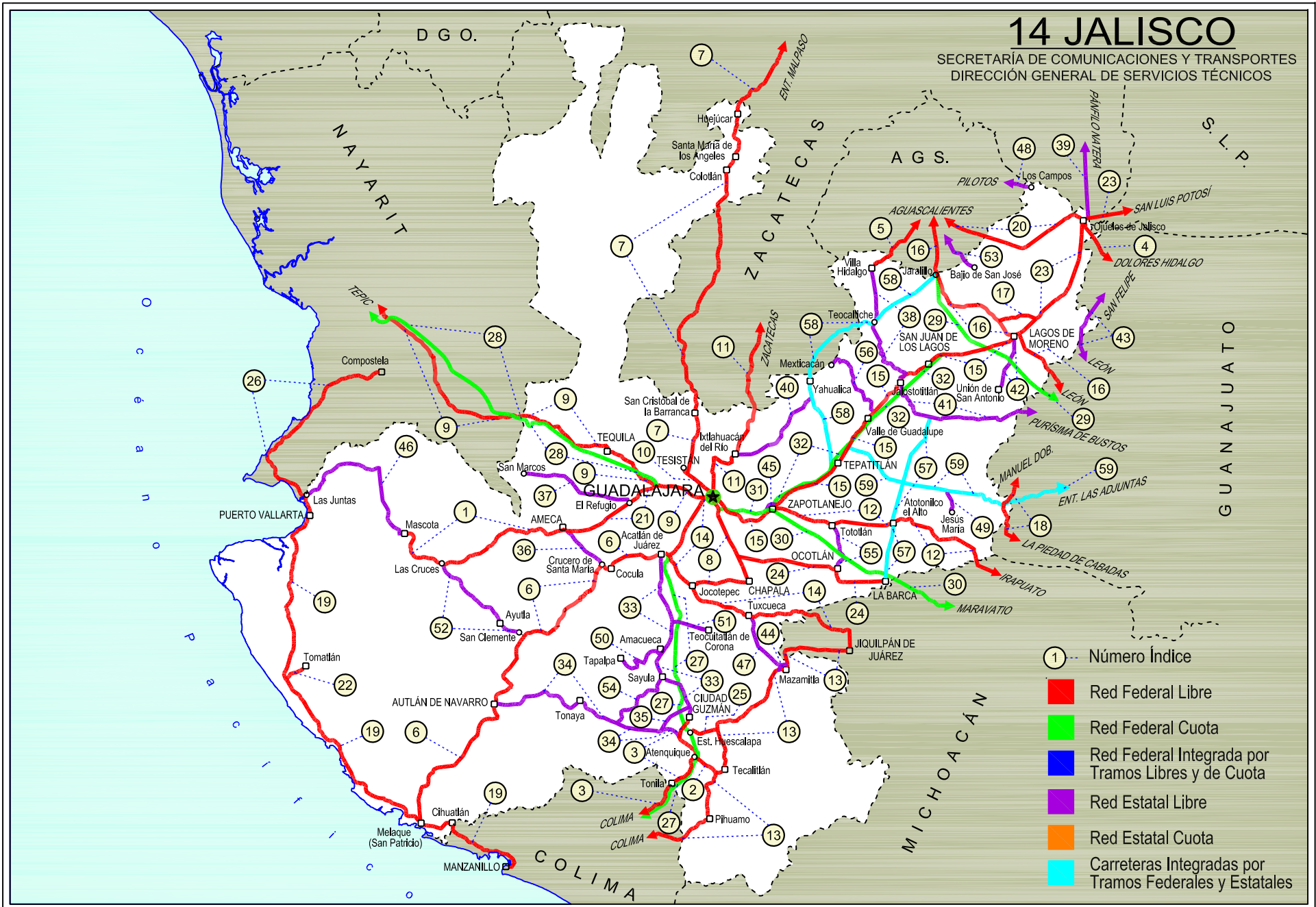


JALISCO

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	Libramiento de Lagos de Moreno	MEX-080
18	Manuel Doblado - La Piedad	MEX-084
19	Manzanillo - Puerto Vallarta	MEX-200
20	Ojuelos - Aguascalientes	MEX-070
21	Ramal a Ameca	MEX
22	Ramal a Tomatlán	MEX-200
23	San Luis Potosí - Lagos de Moreno	MEX-070-080
24	Santa Rosa - La Barca	MEX-035
25	T. C. (Jiquilpan - Colima) - Est. Huescalapa	MEX-110
26	Tepic - Puerto Vallarta	MEX-200
---RED FEDERAL DE CUOTA---		
27	Guadalajara - Colima (Cuota)	MEX-054D
28	Guadalajara - Tepic (Cuota)	MEX-015D
29	León - Aguascalientes (Cuota)	MEX-045D
30	Maravatío - Zapotlanejo (Cuota)	MEX-015D
31	Zapotlanejo - Guadalajara (Cuota)	MEX-090D
32	Zapotlanejo - Lagos de Moreno (Cuota)	MEX-080D
---RED ESTATAL LIBRE---		
33	Acatlán de Juárez - Cd. Guzmán	JAL
34	Autlán de Navarro - T. C. (Acatlán de Juárez - Colima)	JAL
35	Cd. Guzmán - La Mesa y El Fresnito	JAL
36	Crucero de Santa María - Ameca	JAL
37	El Refugio - San Marcos	JAL-004
38	Ent. Jalostotitlán - Villa Hidalgo	JAL-009
39	Ent. Ojo Caliente - Ent. Ojuelos de Jalisco	ZAC
40	Ixtlahuacán del Río - T. C. (Tepatitlán - Jaralillo)	JAL
41	Jalostotitlán - Purísima de Bustos	JAL-GTO
42	Lagos de Moreno - Unión de San Antonio	JAL
43	León - San Felipe Torres Mochas	GTO
44	Libramiento de Mazamitla	JAL
45	Libramiento de Zapotlanejo	JAL
46	Mascota - Puerto Vallarta	JAL
47	Mazamitla - Tuxcueca	JAL
48	Pilotos - Los Campos	AGS-030
49	Ramal a Jesús María	JAL-004
50	Ramal a Tapalpa	JAL-022
51	Ramal a Teocuitatlán de Corona	JAL
52	San Clemente - Ent. Las Cruces	JAL
53	San Isidro El Grande - Bajío de San José	AGS-036
54	Sayula - Venustiano Carranza	JAL
55	Tototlán - Ocotlán	JAL
56	Valle de Guadalupe - Mexxicacán	JAL
---CARRETERAS INTEGRADAS POR TRAMOS FEDERALES Y ESTATALES---		
57	San Miguel El Alto - La Barca	JAL-005-MEX-071
58	Tepatitlán - Jaralillo	MEX-JAL-ZAC
59	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 : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Ameca	0.00	3	0	3894	71.8	85.3	104.0	14.6	69.2	79.6	95.6	11.6	66.6	80.0	101.0	13.7	20.535051	-104.054034
T. Izq. San Clemente	74.30	1	0	1835	71.9	80.3	92.7	10.0	66.3	73.7	84.3	9.4	65.2	74.2	89.7	10.9	20.383610	-104.537529
Mascota	118.10	1	0	2193	50.5	57.3	72.9	9.3	46.5	51.8	55.8	7.7	47.6	53.7	73.6	9.9	20.522200	-104.778562

2 C A R R : Atenquique - San Pedro

CLAVE: 14224

RUTA: MEX-054

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
X. Cuatro Caminos	0.00	3	0	3072	47.6	53.2	93.4	10.2	44.9	51.6	54.5	8.8	45.8	52.3	57.5	9.6	19.529294	-103.420837
T. C. Jiquilpan - Colima	12.40	1	0	2119	55.5	61.5	73.1	7.3	52.3	53.8	62.7	5.4	49.8	54.8	68.8	9.1	19.458935	-103.347933

3 C A R R : Cd. Guzmán - Colima

CLAVE: 00117

RUTA: MEX-054

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cd. Guzmán	0.00	3	1	9664	59.9	68.0	82.8	10.2	52.4	60.8	72.8	9.8	52.0	61.9	76.0	11.3	19.676929	-103.475629
Cd. Guzmán	0.00	3	2	9810	57.8	68.5	84.4	11.8	55.7	64.6	80.9	10.2	54.9	64.4	83.8	10.6	19.676948	-103.475466
T. Izq. Zapotiltic	4.35	3	0	4685	71.2	80.6	95.4	11.1	66.1	73.8	84.3	9.8	64.5	74.6	92.1	11.4	19.649440	-103.472852
Atenquique	31.90	1	0	2757	59.1	68.3	81.9	11.0	53.3	60.7	72.8	9.1	48.6	61.2	74.5	13.7	19.529927	-103.434412
Atenquique	31.90	3	0	2483	35.9	39.9	49.8	5.5	34.6	45.5	53.7	8.8	31.0	36.6	53.0	8.7	19.527973	-103.439732
T. Der. San Marcos	55.50	3	0	2950	65.8	79.6	99.2	13.9	61.5	72.3	84.8	11.4	58.5	69.9	92.1	11.5	19.433583	-103.514028
Lim. Edos. Term. Jal. Ppia. Col.	56.50																	
T. Der. Quesería	58.35	1	0	6266	60.2	68.9	82.5	10.3	53.4	61.9	77.0	10.8	53.7	61.6	78.5	9.9	19.392500	-103.564778
Cuahtémoc	66.25	1	0	4856	62.9	68.5	81.1	7.8	62.7	68.5	79.7	7.7	61.1	66.5	80.1	8.5	19.328194	-103.593389
Cuahtémoc	66.25	3	0	5124	56.7	63.7	79.4	9.2	50.3	54.9	66.5	8.0	51.4	55.2	72.1	8.3	19.324278	-103.608917
El Trapiche	76.55	3	1	14130	88.9	96.3	111.1	10.0	80.5	84.4	98.1	7.9	72.4	81.7	93.2	11.2	19.282429	-103.662444
El Trapiche	76.55	3	2	14215	79.1	89.6	106.2	11.6	77.7	83.8	96.8	8.9	73.3	81.5	96.5	9.6	19.282429	-103.662452
T. Izq. Libramiento de Colima	78.05	1	1	15847	78.4	90.7	104.7	12.9	65.1	82.0	107.9	16.4	57.0	71.4	93.1	15.2	19.267194	-103.679111
T. Izq. Libramiento de Colima	78.05	1	2	15983	78.8	90.7	104.7	12.6	78.9	90.6	103.5	13.0	76.2	86.0	104.4	11.9	19.267194	-103.679111
T. C. Cuahtémoc - Colima	83.40																	

JALISCO

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

CLAVE: 00107

RUTA: MEX-051

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Dolores Hidalgo	0.00	3	0	4988	68.3	79.0	97.9	12.1	63.5	73.8	91.3	11.8	59.5	70.6	92.9	12.8	21.178222	-100.947694
X. C. León - San Felipe	51.38	1	0	3414	79.8	91.4	109.5	12.8	73.9	83.9	94.5	11.2	72.9	84.5	104.6	13.5	21.453306	-101.199361
X. C. León - San Felipe	51.38	3	0	4942	61.5	72.8	91.6	12.4	59.2	66.7	81.6	9.0	59.7	70.9	91.7	12.2	21.492722	-101.230556
T. Izq. Ocampo	87.47	3	0	2575	57.5	67.7	84.3	11.6	55.7	62.1	77.1	7.6	52.7	61.2	78.2	10.3	21.653861	-101.476000
Lim. Edos. Term. Gto. Ppia. Jal.	104.10																	
T. C. San Luis Potosí - Lagos de Moreno	113.49	1	0	2098	46.8	52.5	73.5	9.0	44.3	51.3	54.5	9.0	45.7	52.3	57.1	9.6	21.854917	-101.592111

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

CLAVE: 00120

RUTA: MEX-071

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Aguascalientes - Jalpa	0.00	3	1	2578	48.5	52.6	64.7	8.4	45.5	50.6	54.4	6.5	47.3	52.6	60.2	8.6	21.878582	-102.369483
T. C. Aguascalientes - Jalpa	0.00	3	2	2670	58.6	64.1	83.2	9.2	54.3	58.0	68.6	5.7	55.0	59.8	73.4	6.2	21.878530	-102.369266
T. Izq. El Niágara	9.20	3	0	3265	77.9	97.7	121.3	16.7	76.3	110.5	143.4	22.3	80.8	118.2	142.7	25.0	21.803030	-102.392846
El Taray	27.00	3	0	3059	53.4	59.2	77.7	8.9	50.3	53.8	63.6	7.5	51.0	54.9	70.0	8.6	21.726954	-102.506348
Lim. Edos. Term. Ags. Ppia. Jal.	29.58																	
Villa Hidalgo	38.00	1	0	3269	48.5	54.0	64.9	8.5	48.3	52.4	62.5	7.2	48.5	53.0	63.7	8.4	21.690820	-102.567519

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

CLAVE: 14118

RUTA: MEX-080

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jiquilpan - Guadalajara	0.00																	
T. Izq. Acatlán de Juárez (1º Acceso)	4.80	3	1	4979	97.4	113.6	134.0	16.1	90.9	101.8	120.9	13.1	86.7	95.9	117.8	12.1	20.432431	-103.591760
T. Izq. Acatlán de Juárez (1º Acceso)	4.80	3	2	4795	99.0	117.4	138.2	17.8	92.9	103.9	121.8	13.9	88.4	101.2	122.2	14.7	20.432433	-103.591758
T. Izq. Acatlán de Juárez (2º Acceso)	7.60	3	1	5868	96.0	113.2	133.8	16.7	92.3	102.5	122.6	12.4	88.0	100.4	124.3	13.9	20.420971	-103.614281
T. Izq. Acatlán de Juárez (2º Acceso)	7.60	3	2	5762	97.6	116.7	137.9	18.3	95.0	104.8	126.0	12.8	89.6	103.0	127.2	15.2	20.420972	-103.614281
Cocula	35.00	1	1	5052	107.3	127.8	142.9	18.0	106.0	129.0	143.1	19.2	98.6	123.3	142.5	21.5	20.386216	-103.813648
Cocula	35.00	1	2	5250	106.9	124.4	142.4	16.7	107.8	128.0	142.9	18.2	105.6	127.6	142.8	19.7	20.386214	-103.813647
Cocula	35.00	3	1	5380	87.6	99.3	118.1	12.7	85.2	99.0	115.4	13.6	80.3	93.9	113.0	14.3	20.374039	-103.841733
Cocula	35.00	3	2	5415	83.9	95.4	114.8	12.6	79.7	92.1	109.4	13.8	73.7	88.7	106.0	15.0	20.374040	-103.841741
Tecolotlán	73.31	3	0	4674	68.6	79.6	96.7	12.3	64.9	73.9	84.9	10.4	61.4	71.3	86.8	11.1	20.186012	-104.040627
T. Der. Ayutla	103.28	3	0	5210	70.7	89.0	114.4	17.4	65.8	85.0	110.3	17.3	65.3	83.1	113.0	16.8	20.070876	-104.228756
T. Izq. El Grullo	138.60	3	0	4445	42.1	46.7	54.9	7.5	37.4	44.4	54.2	9.5	35.7	42.3	53.8	8.4	19.850956	-104.283334
Autlán de Navarro	153.20	3	0	5317	48.6	61.7	81.5	14.0	46.9	53.8	87.6	12.1	40.0	52.0	73.4	14.0	19.740233	-104.360029

JALISCO

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

CLAVE: 14118

RUTA: MEX-080

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Izq. Cuautitlán	250.00	1	0	4088	66.9	88.5	125.8	20.7	70.8	89.9	107.1	16.1	61.3	74.4	100.2	13.2	19.503530	-104.548481
T. C. Manzanillo - Puerto Vallarta	257.40	1	0	2174	54.9	69.2	88.0	14.1	54.5	63.1	89.1	9.8	51.9	58.9	80.9	10.6	19.241071	-104.710068

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

CLAVE: 00584

RUTA: MEX-023

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Guadalajara - Tesistán	0.00	3	0	17378	60.8	69.2	82.0	10.2	56.7	63.0	78.1	8.5	51.8	61.8	78.1	11.6	20.786467	-103.461636
Lim. Edos. Term. Jal. Ppia. Zac.	42.00																	
García de La Cadena	54.00	1	0	1637	66.2	79.5	97.2	13.5	58.5	62.9	82.0	6.8	58.8	69.6	86.4	11.0	21.192829	-103.464331
Tlaltenango de Sánchez Román	147.50	3	0	4800	65.6	79.2	98.1	13.7	58.9	64.2	80.1	7.3	59.9	72.5	93.2	13.0	21.801005	-103.298747
Momax	165.00	3	0	4270	65.9	79.5	98.8	13.7	60.9	71.5	84.2	11.0	58.4	70.4	90.0	12.0	21.931220	-103.310396
Lim. Edos. Term. Zac. Ppia. Jal.	171.80																	
Colotlán	175.00	1	0	3221	65.3	73.5	84.9	9.5	59.2	65.0	74.6	8.3	56.5	66.2	83.1	11.2	22.096177	-103.269430
Lim. Edos. Term. Jal. Ppia. Zac.	209.90																	
Lim. Edos. Term. Zac. Ppia. Jal.	214.80																	
Lim. Edos. Term. Jal. Ppia. Zac.	223.95																	
Tepetongo	235.00	3	0	3103	66.6	80.4	99.8	14.0	60.8	70.8	84.9	10.7	59.0	71.4	91.1	12.4	22.464339	-103.144282
Jerez de García Salinas	249.00	1	0	5659	65.7	79.2	98.0	13.7	60.9	71.3	83.8	10.9	57.1	68.4	88.2	11.1	22.610862	-103.011202
T. C. Guadalajara - Zacatecas	275.00	1	1	2897	63.3	72.1	84.5	10.2	59.9	64.0	74.9	7.1	58.8	64.4	87.9	9.1	22.616439	-102.781665
T. C. Guadalajara - Zacatecas	275.00	1	2	2896	65.6	76.9	94.6	12.1	63.3	71.5	87.9	9.8	60.8	70.0	86.8	10.7	22.616439	-102.781665

8 C A R R : Guadalajara - Ent. Jocotepec

CLAVE: 14222

RUTA: MEX-023

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Guadalajara	0.00																	
X. Periférico de Guadalajara	4.14	3	1	59254	58.8	65.0	81.5	9.6	49.2	51.8	59.3	5.4	52.0	53.4	62.0	5.1	20.586563	-103.319892
X. Periférico de Guadalajara	4.14	3	2	59669	58.9	65.0	81.5	9.6	56.5	64.5	76.0	11.5	56.2	62.8	74.7	8.3	20.586560	-103.319667
T. Der. Aeropuerto	11.38	3	1	49578	60.5	65.7	116.1	10.9	45.6	51.1	55.7	7.1	48.3	53.0	61.1	8.7	20.527578	-103.291588
T. Der. Aeropuerto	11.38	3	2	50200	60.7	66.4	114.1	10.9	54.1	61.9	74.3	9.1	54.9	60.5	74.7	7.1	20.527727	-103.291887
T. Izq. Ocotlán	28.50	1	1	21457	48.7	52.8	65.7	8.5	45.6	51.1	55.0	7.1	47.5	52.6	61.1	8.2	20.427110	-103.238967
T. Izq. Ocotlán	28.50	1	2	21390	58.7	64.3	83.9	9.4	54.8	60.5	73.7	7.0	55.4	61.0	74.5	7.0	20.427162	-103.238870
T. Izq. Ocotlán	28.50	3	1	8779	48.8	52.8	67.3	8.6	46.6	51.3	54.5	6.8	47.0	52.4	60.3	8.3	20.411705	-103.232404
T. Izq. Ocotlán	28.50	3	2	8895	58.7	64.2	84.6	9.4	54.1	54.5	63.5	3.8	54.9	60.4	73.9	6.8	20.411545	-103.232162

JALISCO

8 C A R R : Guadalajara - Ent. Jocotepec

CLAVE: 14222

RUTA: MEX-023

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Chapala	48.50	1	1	6155	53.8	62.3	80.9	10.8	53.4	53.6	59.6	3.4	51.3	60.0	73.3	10.4	20.307959	-103.192646
Chapala	48.50	1	2	5906	58.5	64.1	85.1	9.6	54.4	53.9	61.5	2.2	55.0	62.2	74.8	8.4	20.307882	-103.192543
Chapala	48.50	3	0	11381	35.4	42.8	54.9	9.2	42.1	50.7	54.4	9.9	37.6	47.5	54.3	10.1	20.291990	-103.213683
T. C. Jiquilpan - Guadalajara	76.50	1	1	4889	62.7	75.9	96.9	13.2	58.2	70.1	84.7	11.0	58.5	71.1	94.5	12.4	20.278624	-103.445630
T. C. Jiquilpan - Guadalajara	76.50	1	2	4896	63.5	74.4	91.2	12.3	62.2	72.3	83.8	11.4	60.3	70.8	84.5	11.6	20.278625	-103.445630

9 C A R R : Guadalajara - Tepic

CLAVE: 00031

RUTA: MEX-015

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Guadalajara	0.00																	
T. Der. Base Aérea No. 2	8.30	3	1	26248	75.2	83.5	96.1	10.3	72.0	83.0	102.2	12.9	67.0	79.6	101.7	13.1	20.712756	-103.469448
T. Der. Base Aérea No. 2	8.30	3	2	26556	67.1	72.5	83.7	7.8	63.2	71.0	83.3	9.3	58.8	66.3	78.6	10.1	20.712754	-103.469448
T. Izq. La Primavera	20.50	1	1	19891	83.5	91.5	103.9	9.5	79.4	88.3	99.6	10.6	74.0	83.6	97.6	11.0	20.728197	-103.552029
T. Izq. La Primavera	20.50	1	2	18719	78.1	88.6	103.8	11.9	74.3	85.1	100.5	12.0	65.6	78.9	97.7	13.3	20.728195	-103.552026
El Arenal	36.20	1	1	6854	87.5	99.1	116.1	12.6	75.7	87.9	101.8	12.2	74.7	89.3	110.6	14.4	20.771067	-103.683414
El Arenal	36.20	1	2	6882	69.1	74.5	85.6	8.8	59.6	67.4	80.1	9.2	54.7	65.4	81.9	11.6	20.771071	-103.683419
Tequila	57.50	3	0	7731	60.1	70.5	84.8	11.7	56.1	64.5	77.7	9.8	53.3	63.3	79.9	11.5	20.901363	-103.835552
Magdalena	76.80	3	0	6755	57.7	64.5	79.1	9.5	53.0	58.8	72.7	8.2	51.9	59.5	76.1	10.0	20.921437	-103.995627
Lim. Edos. Term. Jal. Ppia. Nay.	123.09																	
Ixtlán del Río	138.84	1	0	9801	77.8	91.0	111.1	14.1	77.2	88.5	104.9	12.5	73.9	84.2	102.3	12.0	21.033696	-104.348231
Ixtlán del Río	138.84	3	0	8906	64.6	72.9	90.8	9.8	64.2	72.2	84.9	9.3	61.5	70.2	87.9	10.8	21.037059	-104.396243
Ahuacatlán	152.00	1	0	10488	56.2	62.9	77.7	8.6	52.3	57.6	70.1	7.9	53.1	54.9	72.0	6.9	21.055579	-104.478328
Ahuacatlán	152.00	3	0	6334	71.0	82.3	101.9	12.7	64.5	73.5	85.7	10.1	62.0	72.7	92.4	12.1	21.058902	-104.494464
T. Izq. Amado Nervo	167.32	1	0	5423	81.8	91.8	112.3	11.5	78.1	88.7	102.9	11.9	75.9	85.3	103.0	11.4	21.126322	-104.598703
T. Izq. Compostela	175.50	1	0	6608	69.8	80.8	97.0	12.3	69.0	79.6	97.8	11.9	66.8	78.1	96.5	12.1	21.178691	-104.630262
T. Izq. Compostela	175.50	3	0	4649	74.2	86.9	106.3	13.8	64.6	80.4	119.8	16.2	58.1	74.9	102.6	17.0	21.202758	-104.647636
T. Der. Santa María del Oro	196.00	1	0	4783	67.3	76.9	92.1	11.2	59.3	69.0	81.5	10.9	56.9	68.1	82.6	12.5	21.323662	-104.669528
T. Der. Santa María del Oro	196.00	3	0	3898	69.1	76.3	90.0	9.9	65.9	72.9	83.5	8.8	65.4	72.2	84.2	8.3	21.329764	-104.671989
T. Izq. Aeropuerto de Tepic	215.68	1	0	11351	44.7	52.3	67.4	8.9	42.0	49.4	60.8	9.0	39.4	46.1	60.8	9.4	21.446734	-104.811365
San Cayetano	215.90	3	0	12896	63.7	70.7	84.5	8.6	61.9	67.2	78.1	7.8	62.2	68.1	84.9	9.1	21.461676	-104.829634
T. Izq. Libramiento de Tepic	219.10	1	1	15404	60.7	71.5	90.1	11.9	62.2	72.8	90.4	11.6	55.7	64.5	84.4	10.3	21.467326	-104.839193
T. Izq. Libramiento de Tepic	219.10	1	2	15686	74.1	82.2	94.9	9.5	75.2	83.1	93.7	9.4	69.2	78.9	92.5	11.1	21.467327	-104.839193
T. Izq. Libramiento de Tepic	219.10	3	1	12775	46.3	52.6	64.8	8.4	46.4	53.5	70.1	9.6	47.5	53.2	69.3	9.6	21.470357	-104.847924
T. Izq. Libramiento de Tepic	219.10	3	2	13148	42.0	47.4	60.6	8.0	39.1	44.3	56.9	8.4	37.0	43.4	54.7	8.3	21.470357	-104.847924

JALISCO

9 C A R R : Guadalajara - Tepic

CLAVE: 00031

RUTA: MEX-015

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tepic	224.80	1	1	17846	32.5	40.0	53.0	9.0	28.9	32.8	44.4	7.6	27.9	34.7	52.9	10.0	21.472719	-104.855027
Tepic	224.80	1	2	17379	44.1	59.0	75.7	13.2	34.2	38.8	62.8	7.7	36.3	46.5	69.1	10.1	21.472719	-104.855027

10 C A R R : Guadalajara - Tesistán

CLAVE: 14012

RUTA: MEX-023

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Guadalajara - Zacatecas	0.00																	
X. Periférico de Guadalajara (Baja)	9.00	3	1	7387	60.7	65.7	79.7	8.3	54.6	59.6	71.1	6.4	53.5	60.6	74.6	8.9	20.742373	-103.409354
X. Periférico de Guadalajara (Alta)	9.00	3	1	13013	57.9	64.5	75.9	9.5	54.8	55.0	63.9	3.4	48.6	57.0	70.5	11.3	20.742885	-103.409275
X. Periférico de Guadalajara (Baja)	9.00	3	2	7454	53.3	61.7	76.8	10.1	47.4	54.0	64.9	9.5	47.0	53.9	69.8	9.9	20.742373	-103.409353
X. Periférico de Guadalajara (Alta)	9.00	3	2	14011	63.6	71.7	83.7	9.6	56.2	57.9	64.7	4.0	52.7	63.4	80.3	11.7	20.742919	-103.409224
T. Der. San Cristóbal de La Barranca (Baja)	17.50	1	1	7186	45.9	51.9	63.8	7.6	42.1	47.1	54.9	7.6	42.5	48.0	57.7	7.7	20.780388	-103.461619
T. Der. San Cristóbal de La Barranca (Alta)	17.50	1	1	6903	58.7	64.8	76.8	9.4	55.3	59.5	67.5	5.7	50.9	59.2	71.4	10.7	20.780387	-103.461617
T. Der. San Cristóbal de La Barranca (Baja)	17.50	1	2	3328	47.9	53.1	64.7	7.8	46.6	50.5	54.9	5.8	47.1	51.6	55.8	6.9	20.780388	-103.461619
T. Der. San Cristóbal de La Barranca (Alta)	17.50	1	2	6806	65.2	72.7	84.3	8.9	60.5	68.8	82.8	9.8	56.8	67.6	83.1	11.7	20.780388	-103.461617
Tesistán (Baja)	19.00	1	1	3696	39.3	45.0	59.2	9.0	42.0	49.6	54.4	9.1	39.8	48.5	62.3	10.4	20.789265	-103.473849
Tesistán (Alta)	19.00	1	1	6409	71.8	90.6	119.1	18.7	64.3	77.5	92.2	11.8	67.5	86.4	114.3	18.7	20.789267	-103.473851
Tesistán (Alta)	19.00	1	2	7036	61.3	71.0	88.6	11.2	57.6	65.8	76.3	8.9	57.6	67.9	88.7	11.4	20.789267	-103.473851
Tesistán (Baja)	19.00	1	2	3411	37.9	43.2	54.5	8.1	41.4	48.9	54.2	8.5	38.4	46.7	55.1	10.0	20.789265	-103.473850

11 C A R R : Guadalajara - Zacatecas

CLAVE: 00150

RUTA: MEX-054

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Guadalajara	0.00																	
X. Periférico de Guadalajara	6.19	3	1	9870	46.7	52.3	63.3	7.5	44.1	49.1	54.7	6.4	43.2	49.1	59.2	7.7	20.755710	-103.342949
X. Periférico de Guadalajara	6.19	3	2	10405	49.9	53.2	62.6	6.7	45.6	49.9	54.9	5.5	45.7	51.0	61.7	6.8	20.755711	-103.342949
T. Der. Ixtlahuacán del Río	49.46	3	0	4432	58.2	70.0	87.7	12.9	57.2	60.9	77.5	6.2	57.5	68.5	89.9	12.4	20.870583	-103.237444
Lim. Edos. Term. Jal. Ppia. Zac.	76.49																	
T. Izq. Moyahua	106.43	1	0	2879	65.7	79.4	98.4	13.7	60.3	68.5	83.9	9.2	58.7	69.7	92.2	11.1	21.258607	-103.157712
Apozol	129.28	1	0	4669	66.1	79.8	98.9	13.7	60.6	70.4	83.7	10.3	60.3	72.9	94.2	12.9	21.445832	-103.095577
Jalpa	159.39	1	0	3428	66.3	80.0	99.8	13.9	60.8	70.4	83.7	10.4	59.8	73.0	93.3	13.5	21.617355	-103.002969
Tabasco	189.40	1	0	2954	74.2	88.1	104.4	13.6	68.8	83.7	94.5	13.7	66.0	79.8	99.0	13.7	21.844688	-102.933413
Tabasco	189.40	3	0	3631	45.7	52.0	68.2	7.9	43.7	51.2	58.9	9.0	46.1	52.4	57.4	9.4	21.883518	-102.908540

JALISCO

11 C A R R : Guadalajara - Zacatecas

CLAVE: 00150

RUTA: MEX-054

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Villanueva	255.70	3	0	3869	84.8	99.1	122.9	14.1	73.4	87.1	105.3	13.9	73.0	89.3	113.9	15.8	22.378216	-102.880569
T. Izq. Jerez de García Salinas	289.13	1	0	3922	89.1	101.4	119.6	13.0	80.6	95.5	130.5	15.8	74.6	88.9	126.5	15.2	22.607556	-102.761047
T. Izq. Jerez de García Salinas	289.13	3	1	4175	96.1	107.3	124.7	12.2	86.9	97.4	110.1	11.9	84.8	98.2	114.0	14.5	22.621362	-102.753189
T. Izq. Jerez de García Salinas	289.13	3	2	4182	87.5	100.7	122.3	13.8	75.9	92.5	104.7	15.2	76.4	92.2	112.2	16.2	22.621431	-102.753268
T. C. Zacatecas - Durango	311.83	1	1	7592	93.9	107.1	129.0	13.9	87.5	103.2	120.1	15.8	90.8	107.0	129.9	16.7	22.771828	-102.630755
T. C. Zacatecas - Durango	311.83	1	2	7552	76.6	87.2	102.5	11.7	67.9	79.8	94.6	12.4	68.2	81.6	100.1	14.0	22.771694	-102.630420

12 C A R R : Irapuato - Zapotlanejo

CLAVE: 00114

RUTA: MEX-090

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Irapuato	0.00																	
T. Izq. Querétaro - Irapuato (Cuota)	2.78	1	1	23400	44.5	50.9	62.8	7.8	42.1	49.7	57.4	8.8	38.3	46.8	61.3	10.3	20.653167	-101.371000
T. Izq. Querétaro - Irapuato (Cuota)	2.78	1	2	22890	43.1	50.8	63.0	9.3	41.6	50.2	61.4	10.1	37.6	48.2	62.3	11.3	20.653167	-101.371000
T. Izq. Querétaro - Irapuato (Cuota)	2.78	3	1	15177	72.6	83.3	97.2	12.7	64.8	74.2	89.3	10.6	60.9	72.4	87.2	11.9	20.562028	-101.377139
T. Izq. Querétaro - Irapuato (Cuota)	2.78	3	2	15227	82.5	91.1	103.5	10.3	75.3	83.0	94.4	9.3	72.4	81.3	93.5	10.6	20.562028	-101.377139
T. C. Libramiento Norponiente de Irapuato (Cuota)	11.00	3	1	13240	93.6	105.1	128.8	13.8	91.5	106.4	136.4	15.7	88.2	101.9	135.1	15.3	20.589944	-101.426056
T. C. Libramiento Norponiente de Irapuato (Cuota)	11.00	3	2	13556	95.0	105.7	129.5	12.5	91.2	104.5	139.0	15.3	88.6	100.8	136.2	14.3	20.589944	-101.426056
T. Der. Cuerámaro	15.00	3	1	14443	111.7	131.8	143.3	17.6	105.3	123.9	142.3	16.1	104.8	122.9	142.1	16.3	20.558111	-101.450222
T. Der. Cuerámaro	15.00	3	2	14212	105.4	119.0	138.0	13.8	98.5	112.2	137.8	14.3	95.7	111.1	137.6	15.3	20.558111	-101.450222
Abasolo	30.00	1	1	11831	97.0	110.4	127.3	13.7	84.8	92.7	103.6	9.6	82.9	91.7	103.8	10.3	20.472889	-101.502500
Abasolo	30.00	1	2	11325	102.1	121.3	140.1	17.7	95.8	111.9	136.0	15.4	90.5	104.3	131.8	15.2	20.472889	-101.502500
Abasolo	30.00	3	1	9640	99.5	113.2	131.0	14.6	88.2	97.8	117.9	12.4	86.8	96.2	114.9	11.8	20.450889	-101.558306
Abasolo	30.00	3	2	8748	113.0	134.6	143.6	18.2	100.4	114.7	140.7	15.1	97.2	109.0	137.4	13.6	20.450889	-101.558306
Pénjamo	50.65	1	1	10866	101.2	118.6	139.6	16.8	91.2	103.2	128.9	14.2	86.0	98.9	122.1	14.2	20.436806	-101.692250
Pénjamo	50.65	1	2	10898	98.9	113.4	132.2	14.6	93.2	102.2	119.2	11.1	91.5	101.0	114.9	11.4	20.436806	-101.692250
Pénjamo	50.65	3	1	10648	69.6	79.6	91.7	11.1	62.9	70.4	77.3	9.4	65.6	72.5	82.4	8.8	20.412778	-101.732944
Pénjamo	50.65	3	2	10542	86.5	104.2	128.3	17.4	81.4	94.8	112.7	14.5	77.8	92.5	114.7	15.5	20.412778	-101.732944
T. Der. Manuel Doblado	83.87	1	0	20371	68.7	79.5	97.7	12.0	64.2	72.9	86.6	10.1	63.2	72.2	88.1	10.9	20.360056	-101.999806
Lim. Edos. Term. Gto. Ppia. Mich.	85.01																	
La Piedad	87.00	3	1	12040	72.5	83.5	101.5	12.6	64.3	75.9	92.5	12.1	61.8	73.0	91.4	12.2	20.355972	-102.059778
La Piedad	87.00	3	2	12810	72.4	83.4	101.3	12.6	64.2	75.7	92.7	12.2	61.7	72.9	91.2	12.1	20.355972	-102.059778
T. Izq. Yurécuaro	100.00	3	0	8949	69.6	82.1	102.4	13.2	63.8	76.8	97.1	13.4	60.0	72.8	95.9	13.4	20.376444	-102.115194
Lim. Edos. Term. Mich. Ppia. Jal.	102.10																	
Degollado	105.40	1	0	6205	71.2	81.7	96.9	11.8	67.2	75.4	89.4	10.5	65.2	76.2	93.5	12.5	20.431238	-102.129016

JALISCO

12 C A R R : Irapuato - Zapotlanejo

CLAVE: 00114

RUTA: MEX-090

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Ayotlán	134.00	1	0	7333	85.2	97.2	122.7	13.2	81.9	92.8	135.8	14.0	84.8	95.9	132.0	13.4	20.511580	-102.325725
Atotonilco El Alto	157.00	1	0	5627	76.7	87.5	104.8	12.1	67.3	79.7	93.5	12.6	67.9	81.7	100.4	14.5	20.565518	-102.453031
Atotonilco El Alto	157.00	3	1	8795	37.2	41.5	53.1	6.4	35.5	38.7	50.2	5.0	34.8	39.2	52.3	6.0	20.543331	-102.527297
Atotonilco El Alto	157.00	3	2	8565	33.7	34.6	45.0	4.9	33.6	34.4	49.5	5.0	33.0	34.5	50.3	5.9	20.543330	-102.527296
X. C. San Miguel El Alto - La Barca	158.60	3	0	11116	74.1	82.7	99.9	10.1	68.6	76.1	84.8	9.7	69.9	78.8	94.4	10.9	20.539857	-102.536949
T. Izq. Ocotlán	188.00	1	0	9619	78.6	89.2	106.9	12.0	70.7	79.4	90.4	10.2	72.7	82.8	102.5	11.9	20.547876	-102.778301
T. Der. Libramiento Zapotlanejo	215.80	1	0	10506	49.8	57.2	73.6	9.8	45.9	52.7	64.8	8.7	43.8	52.2	70.9	10.2	20.621810	-103.043688
T. Der. Libramiento Zapotlanejo	215.80	3	1	6552	91.5	109.0	130.1	18.5	92.8	102.2	114.7	11.4	92.7	104.9	124.4	13.5	20.622228	-103.056881
T. Der. Libramiento Zapotlanejo	215.80	3	2	6283	87.5	104.7	124.6	18.5	88.3	97.3	111.2	11.6	89.4	101.3	122.7	13.2	20.622229	-103.056883
Zapotlanejo	217.60																	

13 C A R R : Jiquilpan - Colima

CLAVE: 00156

RUTA: MEX-110

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Jiquilpan	0.00	3	0	5147	67.7	80.2	104.9	13.3	63.9	88.0	104.2	19.5	55.5	78.6	104.5	16.7	19.995634	-102.745043
San José de Gracia	37.93	1	0	4465	78.7	90.4	109.9	12.8	75.4	84.6	102.5	10.8	71.9	84.1	103.2	13.7	19.998611	-103.018250
Lim. Edos. Term. Mich. Ppia. Jal.	41.00																	
Mazamitla	48.65	1	0	3277	47.9	53.4	107.9	10.8	44.2	51.3	54.6	9.0	45.9	52.4	58.1	9.5	19.938072	-103.015125
Mazamitla	48.65	3	0	3770	35.5	43.0	54.5	9.2	51.3	53.1	54.8	5.9	37.7	47.9	54.1	10.1	19.923676	-103.049087
T. Izq. Tamazula de Gordiano (2º Acceso)	96.70	3	0	7420	35.3	42.8	54.9	9.2	44.8	51.9	54.6	9.9	36.0	44.5	53.8	9.3	19.682836	-103.262444
T. Der. Cd. Guzmán	108.50	3	0	3261	68.6	79.4	96.4	12.0	58.7	62.9	78.7	6.4	64.5	75.1	93.6	12.2	19.644550	-103.335436
Tecalitlán	132.00	3	0	2392	65.5	79.2	98.3	13.7	62.2	73.3	89.9	11.9	59.4	70.4	91.5	11.4	19.462068	-103.319576
T. Der. Atenquique	137.67	3	0	1383	46.1	52.1	66.2	7.9	44.7	51.5	54.7	8.9	46.7	52.6	55.0	9.7	19.457551	-103.347646
Pihuamo	168.19	3	0	2453	36.3	41.7	52.4	7.1	35.6	43.8	53.5	7.9	33.0	40.0	52.6	8.7	19.253513	-103.385120
Lim. Edos. Term. Jal. Ppia. Col.	189.60																	
T. Der. Estación Alzada	198.60	3	0	1707	75.3	85.9	103.5	11.7	71.1	82.6	115.0	14.4	67.5	80.5	108.1	14.3	19.161000	-103.529389
T. Izq. Los Tepames	214.20	1	0	2096	57.6	65.9	83.7	10.4	56.1	56.7	97.8	7.5	57.3	67.9	96.6	11.6	19.174972	-103.657417
X. C. Libramiento de Colima	220.00	1	0	7068	47.9	56.6	76.8	10.9	50.5	63.8	92.4	15.2	46.7	56.9	89.8	14.0	19.210778	-103.721056
Colima	222.00	1	1	10745	65.2	74.9	93.0	11.3	63.7	74.8	94.2	12.6	62.1	74.3	95.6	13.3	19.217363	-103.722090
Colima	222.00	1	2	10668	65.2	75.0	93.0	11.4	63.8	75.0	94.1	12.6	62.2	74.4	97.0	13.4	19.217363	-103.722094

JALISCO

14 C A R R : Jiquilpan - Guadalajara

CLAVE: 00429

RUTA: MEX-015

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Jiquilpan	0.00	3	1	9950	64.2	74.2	89.0	11.5	61.1	72.0	86.5	12.5	57.2	69.7	84.0	12.4	20.003250	-102.717222
Jiquilpan	0.00	3	2	9748	66.1	73.9	88.3	9.8	58.6	67.2	81.1	10.7	58.9	68.2	82.8	10.9	20.003250	-102.717222
Sahuayo	7.00	1	1	10574	65.2	73.9	89.4	10.2	60.5	70.4	83.7	11.0	58.4	69.8	84.9	12.1	20.033222	-102.716694
Sahuayo	7.00	1	2	10478	65.1	73.8	89.4	10.2	60.3	70.3	84.0	11.1	58.1	69.3	84.8	11.9	20.033222	-102.716694
Cojumatlán de Regules	25.94	3	0	4274	64.7	73.8	88.0	10.7	60.9	68.5	80.0	9.2	58.4	66.9	82.8	9.9	20.125083	-102.851139
Lim. Edos. Term. Mich. Ppia. Jal.	36.11																	
Tuxcueca	65.29	1	0	3293	95.2	109.6	128.5	14.6	83.4	95.9	104.4	14.4	82.1	93.5	110.9	13.6	20.149627	-103.181438
T. Der. Jocotepec	98.22	1	0	7036	96.7	114.8	135.8	17.7	86.8	100.6	113.4	15.4	86.0	100.0	122.3	15.2	20.275190	-103.445784
Ent. Santa Cruz	118.96	1	0	7960	98.3	115.5	136.5	17.0	91.8	102.9	120.9	13.4	88.1	100.7	123.3	14.3	20.420130	-103.550682
Ent. Santa Cruz	118.96	3	1	16407	97.5	113.6	134.0	15.9	93.4	102.9	124.6	11.9	89.0	99.3	123.3	12.5	20.435473	-103.547495
Ent. Santa Cruz	118.96	3	2	16768	99.2	117.7	138.4	17.8	96.3	105.9	131.2	12.8	91.7	103.8	129.3	14.2	20.435388	-103.548111
X. Periférico de Guadalajara (Alta)	140.00	1	1	35711	61.2	69.0	81.7	9.9	56.5	62.8	75.1	8.1	48.3	58.7	73.0	11.8	20.605706	-103.432739
X. Periférico de Guadalajara (Baja)	140.00	1	1	18481	39.4	45.0	58.9	9.0	41.4	48.9	54.4	8.9	39.2	50.6	55.0	12.6	20.605703	-103.432739
X. Periférico de Guadalajara (Alta)	140.00	1	2	36810	63.8	71.8	83.8	9.6	58.7	65.7	80.5	9.3	52.0	63.2	80.1	12.1	20.605761	-103.432930
X. Periférico de Guadalajara (Baja)	140.00	1	2	22399	38.2	43.3	54.6	8.1	39.7	44.1	65.9	9.1	39.3	50.7	54.8	12.9	20.605768	-103.432939
T. C. Guadalajara - Tepic	166.00																	

15 C A R R : Lagos de Moreno - Guadalajara

CLAVE: 14115

RUTA: MEX-080

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Lagos de Moreno	0.00	3	1	5497	101.6	116.3	135.0	15.1	88.6	100.7	112.7	14.0	92.6	101.1	121.8	10.5	21.329697	-101.998959
Lagos de Moreno	0.00	3	2	5436	98.5	117.3	138.4	17.9	84.6	95.1	111.7	13.4	88.6	97.9	121.7	11.9	21.329607	-101.998922
San Juan de Los Lagos	44.36	1	1	5841	52.2	59.7	131.7	14.3	45.7	52.8	62.2	9.2	49.7	53.1	56.8	7.8	21.284391	-102.283680
San Juan de Los Lagos	44.36	1	2	5770	49.8	54.8	130.7	13.9	43.7	51.8	60.6	9.8	49.2	53.0	55.0	8.4	21.284391	-102.283681
San Juan de Los Lagos	44.36	3	0	8974	50.4	55.4	131.1	13.9	45.1	52.1	60.3	9.1	49.3	53.0	54.9	8.0	21.234907	-102.349290
T. Der. Teocaltiche	60.30	3	0	9098	47.7	53.2	96.7	10.3	43.7	51.4	59.9	9.3	47.8	52.7	56.1	9.0	21.197520	-102.443958
Jalostotitlán	63.50	3	0	6566	35.3	42.8	55.2	9.3	43.7	51.5	54.5	9.9	35.4	44.0	53.6	9.1	21.151007	-102.478532
T. Izq. Arandas	108.05	3	0	10843	81.5	92.4	112.0	12.4	73.8	83.3	98.0	11.1	75.2	84.9	102.5	11.4	20.882398	-102.713958
Tepatitlán de Morelos	117.35	1	1	7451	71.0	81.0	98.4	11.7	66.8	74.7	84.7	9.9	66.2	76.8	94.0	12.3	20.848642	-102.736935
Tepatitlán de Morelos	117.35	1	2	7960	74.9	83.6	99.9	10.3	65.5	73.7	84.0	9.5	65.3	76.2	94.6	12.6	20.848641	-102.736938
Zapotlanejo	159.46	3	1	11476	51.4	57.8	97.6	11.0	48.0	53.2	62.8	7.8	50.8	53.2	58.4	6.9	20.610715	-103.085443
Zapotlanejo	159.46	3	2	11584	43.8	45.0	89.2	7.8	38.9	48.5	54.3	8.3	47.2	52.6	54.8	9.7	20.610787	-103.085523
X. C. Atlacomulco - Zapotlanejo (Cuota)	165.10	3	1	11871	79.0	89.3	104.4	11.7	72.0	82.7	99.4	11.6	68.7	80.4	97.4	12.8	20.585934	-103.117769
X. C. Atlacomulco - Zapotlanejo (Cuota)	165.10	3	2	11929	79.1	89.5	104.5	11.7	72.0	82.9	99.8	11.8	68.7	80.5	95.2	12.7	20.585792	-103.117673

JALISCO

15 C A R R : Lagos de Moreno - Guadalajara

CLAVE: 14115

RUTA: MEX-080

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Izq. El Salto	174.00	3	1	15863	50.6	53.6	115.6	10.3	49.0	57.2	64.1	9.7	50.9	56.4	64.2	9.1	20.568763	-103.205130
T. Izq. El Salto	174.00	3	2	16014	50.8	53.7	116.1	10.3	51.9	61.1	73.9	10.6	53.1	59.9	74.1	8.9	20.568529	-103.205086
T. Der. Tonalá	186.17	1	1	20812	51.3	57.8	98.4	11.1	48.1	53.2	62.6	7.8	50.2	53.2	59.1	7.4	20.599998	-103.235035
T. Der. Tonalá	186.17	1	2	21119	43.9	44.8	95.5	7.9	39.0	48.6	54.3	8.4	46.3	52.5	54.7	10.2	20.599842	-103.235090
Guadalajara	201.00																	

16 C A R R : León - Aguascalientes

CLAVE: 00167

RUTA: MEX-045

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
León	0.00																	
T. Der. Libramiento de León	11.00	1	1	6361	80.0	92.3	112.5	13.4	63.4	79.0	97.2	12.1	76.5	91.8	112.3	16.1	21.170083	-101.732472
T. Der. Libramiento de León	11.00	1	2	6600	64.6	71.0	84.3	7.7	57.1	61.2	80.4	6.7	55.8	63.5	76.2	10.2	21.170083	-101.732472
T. Der. Libramiento de León	11.00	3	1	7552	80.3	97.3	114.8	16.3	68.0	88.2	116.2	17.1	69.0	89.1	120.1	18.2	21.174167	-101.736833
T. Der. Libramiento de León	11.00	3	2	6894	62.2	67.0	77.6	7.6	53.7	60.8	72.0	8.5	52.3	61.3	77.1	10.6	21.174167	-101.736833
T. Izq. Centro de León	12.00	3	0	14898	68.9	81.0	98.5	13.1	65.2	75.7	93.8	11.7	62.1	74.3	95.5	14.1	21.192726	-101.748600
Lim. Edos. Term. Gto. Ppia. Jal.	17.88																	
X. C. San Luis Potosí - Lagos de Moreno	44.18	1	0	14165	47.6	53.1	91.7	10.1	44.5	52.0	60.6	9.4	47.7	52.7	55.2	9.1	21.367468	-101.900668
T. Izq. Libramiento Lagos de Moreno	48.70	1	0	7281	55.7	63.1	77.5	9.1	56.3	63.6	88.3	10.1	54.5	62.9	84.4	10.1	21.371226	-101.961341
T. Izq. Libramiento Lagos de Moreno	48.70	3	0	7361	55.2	64.1	84.0	10.0	51.7	59.0	72.1	9.1	49.5	57.8	75.0	10.1	21.374239	-101.964552
T. Der. El Destierro	80.80	1	0	4499	77.7	94.2	117.8	17.4	71.5	84.6	104.6	15.1	72.9	87.6	110.3	16.1	21.499720	-102.194722
Encarnación de Díaz	88.20	1	0	6498	53.7	60.1	81.3	9.2	50.6	54.3	64.9	7.8	51.8	54.9	71.6	8.3	21.505705	-102.223998
T. Izq. Libramiento de Encarnación de Díaz	89.18	1	1	1525	47.8	56.0	71.8	10.7	46.8	53.5	63.0	9.0	46.5	52.8	64.2	9.2	21.535423	-102.239773
T. Izq. Libramiento de Encarnación de Díaz	89.18	1	2	1488	52.6	63.4	76.6	12.4	50.6	54.5	80.2	9.6	48.7	54.6	69.6	10.5	21.535417	-102.239806
T. Izq. Libramiento de Encarnación de Díaz	89.18	3	0	10668	68.6	92.1	140.3	19.9	69.6	97.8	141.6	21.4	68.6	90.6	140.9	19.9	21.551145	-102.244047
Lim. Edos. Term. Jal. Ppia. Ags.	103.30																	
T. Izq. Aeropuerto de Aguascalientes	110.15	1	1	9391	99.5	112.0	130.9	13.4	91.8	99.3	111.9	9.8	87.4	94.8	111.6	10.4	21.712535	-102.278492
T. Izq. Aeropuerto de Aguascalientes	110.15	1	2	9160	101.0	113.7	132.7	13.8	93.6	101.5	117.5	9.8	88.6	97.5	118.7	11.1	21.712566	-102.278689
T. Izq. Aeropuerto de Aguascalientes	111.00	3	1	14938	81.5	93.6	109.9	13.1	81.2	91.4	103.1	11.8	74.3	84.2	103.3	11.6	21.728249	-102.276691
T. Izq. Aeropuerto de Aguascalientes	111.00	3	2	15739	91.3	105.6	124.1	15.2	91.3	102.4	115.6	12.9	85.3	99.4	118.9	14.5	21.728315	-102.276875
Libramiento Poniente de Aguascalientes	116.50	1	1	14252	87.3	94.7	108.2	10.0	81.3	86.3	94.4	8.1	79.2	84.5	94.5	8.7	21.765102	-102.277403
Libramiento Poniente de Aguascalientes	116.50	1	2	13830	87.3	94.8	108.5	10.0	81.0	85.8	94.2	8.1	79.3	84.6	94.5	8.7	21.765054	-102.277528
Libramiento Poniente de Aguascalientes	116.50	3	1	13614	57.3	62.3	72.5	7.2	52.8	54.7	70.1	6.3	51.2	53.6	65.5	6.8	21.775010	-102.279072
Libramiento Poniente de Aguascalientes	116.50	3	2	13588	57.3	62.3	72.5	7.2	53.0	54.9	70.5	6.4	51.0	53.5	64.7	6.8	21.775064	-102.279209
T. Der. Estación Arellano	118.40	3	1	15083	94.6	104.9	122.8	12.0	91.5	100.8	117.3	11.2	87.4	98.8	118.6	12.8	21.803179	-102.283636

JALISCO

16 C A R R : León - Aguascalientes

CLAVE: 00167

RUTA: MEX-045

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Der. Estación Arellano	118.40	3	2	14261	90.9	112.4	138.9	18.1	108.2	137.1	144.0	25.3	95.1	129.2	143.2	24.4	21.803220	-102.283794
Aguascalientes	129.38	1	1	21216	86.3	95.0	111.5	10.9	82.4	91.7	104.0	10.8	78.5	89.3	104.2	11.9	21.823711	-102.287154
Aguascalientes	129.38	1	2	20219	86.2	95.1	111.8	11.0	81.9	91.7	104.1	11.3	78.5	89.5	104.3	12.1	21.825014	-102.287518

17 C A R R : Libramiento de Lagos de Moreno

CLAVE:

RUTA: MEX-080

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
X. C. San Luis Potosí - Lagos de Moreno	0.00	3	0	14317	57.1	66.2	81.9	10.2	55.5	62.4	78.0	8.4	52.6	58.5	73.4	8.6	21.374592	-101.902976
X. C. Leon - Aguascalientes	6.80	1	0	13420	75.9	87.5	104.6	12.6	75.8	84.6	96.9	10.6	72.3	81.4	98.9	10.7	21.373837	-101.956866

18 C A R R : Manuel Doblado - La Piedad

CLAVE: 11028

RUTA: MEX-084

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Manuel Doblado	0.00	3	0	4795	62.8	72.0	86.8	10.6	59.3	65.7	77.9	8.7	58.6	66.9	84.0	10.5	20.719750	-101.942639
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	2299	79.2	94.6	114.0	16.2	76.7	90.9	112.8	15.7	75.6	90.8	110.2	15.8	20.583833	-101.979806
T. Der. San José de La Paz	29.00	3	0	2214	89.0	104.3	123.8	16.3	78.4	93.2	109.7	15.8	80.7	97.1	113.8	16.9	20.582556	-101.978444
T. C. Irapuato - Guadalajara	45.00	1	0	5859	53.7	62.4	81.5	10.2	49.8	57.1	78.0	11.1	49.7	56.1	81.7	11.3	20.361333	-102.003056

19 C A R R : Manzanillo - Puerto Vallarta

CLAVE: 00070

RUTA: MEX-200

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Manzanillo	0.00	3	1	19889	55.5	61.3	72.4	7.2	47.7	55.1	64.7	10.0	48.8	54.7	65.3	9.8	19.055222	-104.307917
Manzanillo	0.00	3	2	19692	60.6	72.6	90.1	12.9	64.2	76.1	92.5	12.9	59.3	71.9	90.5	13.0	19.055222	-104.307917
T. Der. Minatitlán	3.14	1	1	21257	59.5	64.5	81.5	8.4	47.3	57.2	72.5	12.7	46.3	57.8	78.9	14.0	19.071414	-104.284947
T. Der. Minatitlán	3.14	1	2	21373	68.6	78.2	94.2	11.4	64.2	75.4	134.9	14.5	62.2	74.5	109.5	15.0	19.071414	-104.284947
Santiago	13.24	1	1	9494	51.2	61.1	78.5	11.6	43.3	56.7	93.0	16.9	42.5	53.9	79.1	15.2	19.115361	-104.348194
Santiago	13.24	1	2	9887	60.4	71.5	90.5	12.2	55.3	69.0	86.1	13.5	54.4	66.7	88.0	13.1	19.115361	-104.348194
Santiago	13.24	3	1	6009	52.9	61.9	74.6	10.5	50.6	56.7	64.7	8.8	51.2	60.3	74.8	11.0	19.119222	-104.364583
Santiago	13.24	3	2	6218	42.6	49.1	62.6	8.4	39.7	47.1	54.8	8.8	41.2	49.8	60.0	9.7	19.119222	-104.364583
San Juan de Cuatro Vientos	39.04	3	0	5583	74.0	84.3	102.6	11.2	82.1	94.4	112.0	14.1	77.9	94.4	114.4	17.1	19.194111	-104.541028

JALISCO

19 C A R R : Manzanillo - Puerto Vallarta

CLAVE: 00070

ruta: MEX-200

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Izq. Aeropuerto Manzanillo	40.55	3	0	5879	56.6	65.0	82.3	10.2	50.6	59.7	74.1	10.4	51.2	58.3	77.1	10.3	19.197028	-104.555472
Lim. Edos. Term. Col. Ppia. Jal.	43.50																	
Cihuatlán	47.92	1	0	6335	55.2	67.7	89.1	13.0	49.1	61.2	79.7	13.1	48.3	58.7	79.8	12.7	19.234208	-104.550374
Cihuatlán	47.92	3	0	7452	67.6	75.4	92.5	10.5	63.8	72.0	83.1	9.4	61.8	72.0	91.8	12.0	19.230741	-104.580549
T. Izq. San Francisco	50.18	3	0	7567	78.2	87.1	102.4	10.9	72.8	82.2	94.0	11.0	71.5	82.5	99.7	12.6	19.216944	-104.625522
Melaque	61.64	1	0	10888	58.9	72.2	94.3	13.3	57.6	69.8	87.1	12.2	58.8	73.6	103.7	15.1	19.228724	-104.690683
Melaque	61.64	3	0	5915	57.5	65.8	81.8	10.5	55.1	57.2	67.7	4.4	54.5	61.8	79.1	9.3	19.239551	-104.711950
T. Izq. Tenacatita	90.44	3	0	2258	74.6	84.6	101.2	11.6	70.4	81.1	92.1	12.3	72.0	82.4	96.4	11.9	19.347501	-104.880583
T. Der. Tomatlán	177.64	1	0	2060	69.3	80.4	98.0	12.2	58.8	63.4	77.8	6.8	62.1	72.2	91.6	11.3	19.870448	-105.330105
T. Der. Tomatlán	177.64	3	0	2243	46.0	52.5	67.5	8.3	46.4	51.8	54.7	8.1	40.5	47.6	60.2	9.2	19.876157	-105.335611
T. Izq. El Tuito	230.64	3	0	2523	71.2	81.6	95.4	11.9	63.0	71.2	83.7	9.1	66.0	76.6	92.1	12.3	20.332320	-105.315281
Puerto Vallarta	273.64	1	0	8609	50.1	56.4	73.4	9.5	46.7	53.2	63.9	8.9	46.6	54.9	78.5	11.1	20.573573	-105.248900

20 C A R R : Ojuelos - Aguascalientes

CLAVE: 00094

ruta: MEX-070

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Ojuelos	0.00	3	0	3822	48.0	53.5	108.1	10.9	43.6	51.4	60.5	9.1	46.9	52.6	56.6	9.5	21.876234	-101.604505
Matancillas	6.92	3	0	3197	98.2	110.8	130.0	13.6	82.7	95.1	103.8	16.0	86.5	96.8	114.4	12.7	21.879461	-101.662262
Vergel	40.70	3	0	3898	48.0	53.5	108.0	10.9	43.3	51.2	60.6	9.3	47.4	52.7	55.6	9.4	21.767956	-101.938592
Lim. Edos. Term. Jal. Ppia. Ags.	57.20																	
T. Der. Palo Alto	60.80	1	0	5907	79.0	88.6	102.9	11.2	73.8	80.4	90.6	8.2	73.5	81.1	92.4	9.3	21.818092	-102.091743
San Isidro	61.00	3	0	7760	90.3	104.2	128.3	14.5	82.0	97.5	112.8	15.8	71.7	88.8	111.2	16.9	21.822357	-102.104748
El Retoño	68.00	1	0	7478	90.1	102.0	121.6	13.1	83.6	93.8	112.1	12.1	81.2	92.8	111.8	13.4	21.839341	-102.156543
T. C. El Retoño - Asturias	78.00	1	1	5615	82.8	93.3	110.7	11.8	79.2	88.5	103.8	11.0	76.6	86.3	104.3	11.6	21.859437	-102.217633
T. C. El Retoño - Asturias	78.00	1	2	5483	83.0	93.5	110.9	11.8	79.4	88.6	104.0	10.9	77.2	86.0	104.1	11.1	21.859437	-102.217633
T. C. El Retoño - Asturias	78.00	3	1	7169	69.9	83.1	102.7	14.1	67.6	81.3	101.4	14.0	62.6	75.7	97.6	13.2	21.861167	-102.223796
T. C. El Retoño - Asturias	78.00	3	2	7220	61.9	74.0	92.6	13.3	59.8	72.7	90.9	13.9	55.8	66.6	85.0	11.5	21.861039	-102.223834
Salto del Ojo Caliente	81.00	1	1	18488	58.0	68.0	82.5	12.0	54.2	65.0	80.9	13.2	53.9	64.4	79.9	12.5	21.866115	-102.239204
Salto del Ojo Caliente	81.00	1	2	19648	59.0	66.5	81.1	10.2	52.4	62.6	80.3	11.9	49.4	60.1	77.8	12.3	21.865811	-102.239258

JALISCO

24 C A R R : Santa Rosa - La Barca

CLAVE: 14007

ruta: MEX-035

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Santa Rosa	0.00	3	1	8298	69.6	83.0	102.8	14.2	67.7	80.6	101.3	13.4	60.4	71.6	96.0	11.1	20.414245	-103.228707
Santa Rosa	0.00	3	2	8233	61.1	73.2	92.4	13.2	61.8	74.0	98.1	13.3	54.7	61.6	83.6	8.6	20.414050	-103.228721
T. Izq. Poncitlán	32.00	1	1	6944	65.8	74.6	89.4	10.8	60.7	68.5	80.3	9.3	55.1	64.8	79.3	11.3	20.377053	-102.933002
T. Izq. Poncitlán	32.00	1	2	6436	74.7	84.1	99.1	11.1	69.2	79.0	91.7	11.0	65.1	75.6	91.1	11.7	20.377021	-102.933066
Ocotlán	49.00	3	0	16373	75.7	86.6	108.1	12.1	72.3	83.3	102.2	12.1	72.8	83.9	111.7	13.2	20.321843	-102.774402
Jamay	62.00	1	0	12723	75.1	82.9	99.5	9.2	71.0	78.1	89.5	9.3	70.7	78.4	94.3	10.2	20.292486	-102.724604
Jamay	62.00	3	0	11167	70.3	79.6	96.0	11.0	67.0	74.4	89.2	9.5	65.2	73.7	92.8	10.3	20.294674	-102.697189
La Barca	79.00	1	0	11072	54.5	61.6	74.0	8.3	50.9	55.0	64.9	7.9	48.4	54.4	71.3	9.4	20.291929	-102.560520

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

CLAVE: 14225

ruta: MEX-110

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jiquilpan - Colima	0.00	3	0	4880	84.3	96.8	121.9	13.2	66.1	76.5	98.8	12.2	76.1	90.0	117.8	14.3	19.645576	-103.349900
Zapotiltic	9.48	3	0	9778	35.4	42.8	54.8	9.2	42.5	50.8	54.4	9.9	37.1	45.9	53.9	9.5	19.637682	-103.437186
T. C. Cd. Guzmán - Colima	18.79	1	1	5201	81.7	94.2	114.5	13.9	71.7	81.6	96.0	11.2	74.5	88.9	112.5	14.3	19.648069	-103.462696
T. C. Cd. Guzmán - Colima	18.79	1	2	5010	84.7	98.5	116.9	13.8	73.3	87.0	101.7	13.8	70.1	91.3	112.3	19.8	19.648258	-103.462572

26 C A R R : Tepic - Puerto Vallarta

CLAVE: 00068

ruta: MEX-200

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tepic	0.00	3	1	19687	32.2	38.5	54.1	8.7	27.3	33.3	52.2	8.7	37.0	51.6	54.5	16.1	21.489368	-104.894786
Tepic	0.00	3	2	19008	39.5	48.0	64.3	10.3	32.9	41.3	58.3	9.8	31.7	43.6	54.6	11.5	21.489377	-104.894793
Limite de Zona Urbana Tepic	1.80	3	1	14591	55.9	63.9	80.0	9.9	47.8	54.8	72.1	10.2	50.5	59.3	73.8	10.7	21.474829	-104.890128
Limite de Zona Urbana Tepic	1.80	3	2	15588	57.0	64.6	81.8	10.1	53.0	59.5	73.0	8.4	54.8	63.0	79.0	9.5	21.474823	-104.890139
X. C. Libramiento de Tepic (Baja)	3.90	3	1	5583	50.6	55.0	71.3	8.4	46.4	50.2	54.6	5.5	47.3	53.4	69.3	8.7	21.463994	-104.890137
X. C. Libramiento de Tepic (Alta)	3.90	3	1	11850	69.1	75.2	90.4	9.2	58.9	63.3	77.2	6.1	64.9	72.3	91.3	8.9	21.463982	-104.890119
X. C. Libramiento de Tepic (Alta)	3.90	3	2	12590	66.5	72.5	85.0	8.0	60.3	63.0	72.0	5.8	63.0	68.1	80.3	7.5	21.463906	-104.890027
X. C. Libramiento de Tepic (Baja)	3.90	3	2	5396	50.9	56.6	71.7	8.8	50.1	53.2	62.2	6.4	49.0	53.2	64.8	7.6	21.463908	-104.890019
Jalisco	7.15	3	0	11712	63.0	71.8	90.3	10.3	60.6	65.6	74.8	7.0	61.8	70.3	87.4	10.1	21.433737	-104.899716
T. Izq. Emiliano Zapata	18.40	3	0	5420	60.6	67.6	79.5	9.4	59.0	62.0	69.2	5.8	57.3	64.1	79.5	10.2	21.360960	-104.918558
T. Izq. Compostela (1º Acceso)	35.80	1	0	5340	71.6	81.4	96.3	11.3	68.2	76.4	87.0	10.2	66.5	75.6	94.0	11.6	21.256175	-104.901617
T. Izq. Compostela (1º Acceso)	35.80	3	0	3881	72.9	84.7	103.8	13.4	66.1	76.2	90.9	11.0	68.3	81.2	102.7	13.9	21.247821	-104.903805
Las Varas	71.30	1	0	9650	81.9	90.4	110.2	10.7	73.2	83.6	99.1	11.1	68.7	80.4	93.0	12.4	21.186667	-105.124236

JALISCO

26 C A R R : Tepic - Puerto Vallarta

CLAVE: 00068

RUTA: MEX-200

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Las Varas	71.30	3	0	12602	70.3	80.2	96.0	11.7	69.4	78.5	91.8	11.0	63.8	74.0	90.2	11.5	21.172263	-105.147387
T. Der. Rincón de Guayabitos	94.50	1	1	8099	53.7	58.6	67.5	6.8	49.8	54.1	64.0	7.6	49.9	54.3	64.2	7.8	21.027532	-105.260563
T. Der. Rincón de Guayabitos	94.50	1	2	8216	74.9	85.5	103.0	11.8	73.3	83.8	97.5	11.7	72.2	84.0	102.5	13.1	21.027248	-105.260702
T. Der. Rincón de Guayabitos	94.50	3	0	9263	65.8	79.5	98.6	13.7	63.4	76.3	96.6	13.8	59.3	71.5	93.6	12.3	21.018344	-105.269307
T. Der. Sayulita	122.91	1	0	9162	78.2	91.4	114.4	14.1	74.0	88.2	104.4	14.0	74.9	88.9	117.3	14.4	20.864883	-105.426083
T. Der. Sayulita	122.91	3	0	8699	77.5	93.3	126.4	15.7	75.4	91.4	122.5	15.1	74.4	93.2	124.4	16.6	20.860235	-105.424821
T. Der. Cruz de Juanacaxtle	137.30	3	1	8042	68.9	78.0	93.1	10.8	70.4	77.7	91.0	9.4	69.1	77.2	92.5	10.3	20.764064	-105.363727
T. Der. Cruz de Juanacaxtle	137.30	3	2	8274	85.2	99.7	121.4	14.3	90.5	110.5	139.3	18.8	90.4	112.9	140.5	20.8	20.764083	-105.363713
Bucerías	140.81	3	1	10765	64.7	71.8	83.5	8.5	58.7	64.1	74.0	8.5	60.3	66.7	78.0	9.1	20.749541	-105.319504
Bucerías	140.81	3	2	10717	65.5	72.7	85.0	8.9	57.8	63.2	74.0	7.8	58.5	64.5	80.0	9.0	20.749548	-105.319504
Lim. Edos. Term. Nay. Ppia. Jal.	152.60																	
T. Der. Aeropuerto Díaz Ordáz	158.37	1	1	24325	76.6	84.2	100.3	9.8	79.3	87.3	105.0	10.3	73.0	83.9	96.9	11.8	20.681906	-105.242939
T. Der. Aeropuerto Díaz Ordáz	158.37	1	2	25757	47.6	51.9	62.4	6.5	45.6	50.0	57.9	5.6	43.8	49.6	60.2	7.4	20.681904	-105.242940
T. Der. Aeropuerto Díaz Ordáz (Alta)	158.37	3	1	14554	57.1	62.9	74.8	7.9	58.7	65.0	89.3	9.2	54.3	58.9	74.5	7.2	20.671356	-105.249752
T. Der. Aeropuerto Díaz Ordáz (Baja)	158.37	3	1	9646	43.7	49.3	61.2	7.6	41.1	44.4	54.5	7.3	40.2	47.7	54.7	9.4	20.671351	-105.249759
T. Der. Aeropuerto Díaz Ordáz (Alta)	158.37	3	2	14836	61.0	67.9	81.9	9.1	62.5	69.2	80.7	8.2	58.5	64.2	81.4	8.5	20.671401	-105.249607
T. Der. Aeropuerto Díaz Ordáz (Baja)	158.37	3	2	9299	40.0	45.6	60.2	8.9	38.8	44.1	57.9	8.8	39.0	49.0	55.0	10.8	20.671415	-105.249589
Puerto Vallarta	166.88																	

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

CLAVE: 00118

RUTA: MEX-054D

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ent. Santa Cruz - Melaque	0.00																	
Caseta de Cobro Acatlán	0.20	2	1	4362													20.410694	-103.558333
Caseta de Cobro Acatlán	0.20	2	2	4362													20.410694	-103.558333
Caseta de Cobro Acatlán	0.20	3	1	5201	58.7	73.9	92.9	16.0	55.1	68.0	87.3	12.9	53.0	56.5	80.7	9.1	20.410708	-103.558608
Caseta de Cobro Acatlán	0.20	3	2	4556	56.2	69.6	85.1	13.9	51.6	63.2	79.5	13.4	53.2	55.5	74.6	7.7	20.410744	-103.558362
T. Izq. San Marcos	10.80	1	1	5207	114.7	131.4	143.1	15.4	100.5	114.9	129.4	15.9	90.6	108.2	125.2	16.9	20.343414	-103.573121
T. Izq. San Marcos	10.80	1	2	5080	117.8	133.0	143.3	14.6	100.0	109.2	137.9	12.0	96.4	105.8	137.9	12.7	20.343521	-103.572856
T. Der. Usmajac	67.80	1	1	6582	48.7	52.8	64.9	8.4	45.4	51.0	54.9	7.1	48.7	53.0	59.7	8.7	19.885880	-103.516907
T. Der. Usmajac	67.80	1	2	6709	58.8	64.4	84.2	9.5	54.8	60.6	74.2	7.1	54.7	57.3	73.6	5.6	19.885936	-103.516966
T. Izq. Cd. Guzmán	86.70	1	1	6126	94.3	107.0	124.0	13.2	82.8	92.9	103.9	12.7	76.7	89.8	110.3	14.3	19.707014	-103.500438
T. Izq. Cd. Guzmán	86.70	1	2	6241	89.6	102.0	120.5	13.1	81.1	89.3	97.7	9.9	74.7	83.4	97.0	10.3	19.706988	-103.500386
Caseta de Cobro San Marcos	122.50	2	1	4075													19.433636	-103.494843

JALISCO

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

CLAVE: 00118

RUTA: MEX-054D

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Caseta de Cobro San Marcos	122.50	2	2	4075													19.433636	-103.494843
Lim. Edos. Term. Jal. Ppia. Col.	129.50																	
T. C. Cd. Guzmán - Colima	148.00																	

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

CLAVE: 00033

RUTA: MEX-015D

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Guadalajara - Tepic (Libre)	0.00	3	1	5793	90.3	98.9	112.9	10.4	87.8	94.3	104.6	9.4	83.5	91.7	107.2	9.9	20.738101	-103.582031
T. C. Guadalajara - Tepic (Libre)	0.00	3	2	5790	97.1	105.6	121.6	10.8	92.7	99.7	111.1	8.9	88.5	98.1	114.3	11.4	20.738101	-103.582031
Caseta de Cobro Arenal	10.96	2	1	4878													20.778732	-103.662440
Caseta de Cobro Arenal	10.96	2	2	4878													20.778732	-103.662440
T. Der. Magdalena	45.00	1	1	4478	90.6	104.6	124.5	15.7	84.6	98.6	117.9	15.2	75.7	93.4	114.4	18.1	20.901204	-103.958984
T. Der. Magdalena	45.00	1	2	4511	88.1	100.7	118.8	13.5	82.9	95.0	112.9	14.0	74.0	89.0	110.0	15.2	20.901166	-103.958971
T. Der. Magdalena	45.00	3	1	5278	115.4	127.7	141.7	12.8	100.6	106.8	126.5	9.6	94.9	104.3	127.2	11.3	20.902449	-103.988819
T. Der. Magdalena	45.00	3	2	5116	114.8	129.5	142.6	14.1	101.4	109.6	131.0	10.8	95.5	108.0	133.3	13.3	20.902435	-103.988815
Caseta de Cobro Plan de Barrancas	69.34	2	1	5143													21.005394	-104.144086
Caseta de Cobro Plan de Barrancas	69.34	2	2	5143													21.005394	-104.144086
Lim. Edos. Term. Jal. Ppia. Nay.	84.60																	
Caseta de Cobro Santa Ma. del Oro	145.32	2	1	2977													21.328309	-104.664328
Caseta de Cobro Santa Ma. del Oro	145.32	2	2	2977													21.328309	-104.664328
Caseta de Cobro Santa Ma. del Oro	145.32	3	1	4073	69.0	80.6	98.3	12.6	69.8	78.6	92.9	10.7	64.6	72.8	89.8	9.9	21.330645	-104.666352
Caseta de Cobro Santa Ma. del Oro	145.32	3	2	3913	69.2	80.1	93.9	12.1	66.2	73.1	84.7	9.3	58.5	68.4	84.5	10.5	21.330649	-104.666365
T. C. Guadalajara - Tepic (Libre)	168.62																	

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

CLAVE: 00013

RUTA: MEX-045D

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Irapuato - León	0.00	3	1	6465	104.8	120.1	135.5	15.1	93.7	104.5	123.7	13.2	92.7	105.9	125.4	14.0	21.052889	-101.581778
T. C. Irapuato - León	0.00	3	2	7058	99.1	116.6	139.1	16.9	87.6	101.5	125.1	14.2	87.8	103.7	131.7	15.7	21.052889	-101.581778
X. C. León - Manuel Doblado	19.00	1	1	5320	90.4	104.8	122.0	15.7	81.4	88.5	97.3	9.7	83.4	92.0	104.5	10.7	21.080722	-101.743139
X. C. León - Manuel Doblado	19.00	1	2	5730	90.3	104.7	121.8	15.7	81.4	88.3	97.8	9.6	83.7	92.0	104.5	10.2	21.080722	-101.743139
X. C. León - Manuel Doblado	19.00	3	1	4718	108.9	136.9	143.9	22.8	101.9	134.3	143.6	22.6	85.0	111.2	141.9	23.0	21.084083	-101.752056
X. C. León - Manuel Doblado	19.00	3	2	5359	110.9	137.5	144.0	22.4	102.3	135.0	143.7	22.7	85.8	111.6	141.9	22.9	21.084083	-101.752056

JALISCO

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

CLAVE: 00013

RUTA: MEX-045D

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Caseta de Cobro León	23.50	2	1	5169													21.102765	-101.784575
Caseta de Cobro León	23.50	2	2	5169													21.102765	-101.784575
Lim. Edos. Term. Gto. Ppia. Jal.	28.50																	
X. C. Lagos de Moreno - Guadalajara	59.84	1	1	4627	109.7	128.2	142.4	17.3	95.2	103.8	128.1	11.2	89.4	102.6	128.5	14.4	21.316786	-102.041119
X. C. Lagos de Moreno - Guadalajara	59.84	1	2	4431	109.2	127.9	142.3	17.5	95.8	103.9	129.0	11.0	89.0	102.1	127.1	14.3	21.364382	-101.939598
X. C. Lagos de Moreno - Guadalajara	59.84	3	1	3715	110.6	131.6	143.2	18.5	92.1	102.9	127.3	14.0	91.6	104.6	134.4	15.6	21.317833	-102.049492
X. C. Lagos de Moreno - Guadalajara	59.84	3	2	3597	61.5	54.6	131.7	11.5	58.8	54.4	100.4	6.8	57.8	54.1	100.4	5.2	21.317827	-102.049519
Caseta de Cobro Encarnación	88.84	2	1	3201													21.489695	-102.243245
Caseta de Cobro Encarnación	88.84	2	2	3201													21.489695	-102.243245
T. C. León - Aguascalientes (Libre)	103.70	1	1	4854	48.8	52.8	66.1	8.5	45.4	50.9	55.2	7.0	49.5	53.3	61.0	8.4	21.614194	-102.276363
T. C. León - Aguascalientes (Libre)	103.70	1	2	4843	59.0	64.5	84.3	9.4	55.3	61.4	78.5	7.6	54.8	57.7	74.7	5.7	21.614192	-102.276362

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

CLAVE: 00018

RUTA: MEX-015D

AÑO : 2013

[illegible]

JALISCO

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

CLAVE: 00018

RUTA: MEX-015D

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
X. C. San Miguel El Alto - La Barca	302.18	3	1	6184	118.0	137.6	144.0	17.6	98.6	104.4	138.6	11.0	94.7	104.3	138.0	12.2	20.322228	-102.543422
X. C. San Miguel El Alto - La Barca	302.18	3	2	6039	121.0	138.0	144.1	16.3	99.5	104.5	137.4	10.8	96.2	105.4	137.7	12.3	20.322233	-102.543430
X. C. Tototlán - Ocotlán	325.80	1	1	5751	49.1	53.0	66.6	8.5	45.6	50.9	56.7	6.8	49.5	53.4	62.8	8.6	20.402711	-102.736307
X. C. Tototlán - Ocotlán	325.80	1	2	5686	58.7	64.2	84.5	9.4	54.9	61.1	74.2	7.3	55.0	59.0	74.5	6.0	20.402712	-102.736306
Caseta de Cobro Ocotlán	325.80	2	1	4591													20.405873	-102.738901
Caseta de Cobro Ocotlán	325.80	2	2	4591													20.405873	-102.738901
T. C. Zapotlanejo - Guadalajara (Cuota)	375.00	1	1	6280	69.5	82.0	104.1	13.8	69.2	83.3	104.6	15.0	59.5	68.4	94.5	9.6	20.593360	-103.108183
T. C. Zapotlanejo - Guadalajara (Cuota)	375.00	1	2	5955	63.6	74.8	93.4	13.2	59.1	73.3	91.2	14.7	54.3	58.9	81.2	7.7	20.593305	-103.108282

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

CLAVE: 14114

RUTA: MEX-090D

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Zapotlanejo	0.00																	
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	1	1	5990	100.1	112.3	132.5	13.5	93.7	102.7	118.8	11.1	91.1	102.0	121.9	12.6	20.615281	-103.095041
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	1	2	5661	96.4	109.2	127.9	13.4	89.6	98.4	113.9	11.3	87.4	96.9	119.8	11.9	20.615191	-103.094998
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	3	1	11354	83.4	100.0	119.1	16.4	77.2	89.0	103.0	12.8	72.6	85.3	104.4	14.1	20.610985	-103.104823
T. C. Zapotlanejo - Lagos de Moreno (Cuota)	5.10	3	2	11101	81.6	98.7	117.5	16.9	75.8	88.1	102.8	13.1	72.7	85.4	104.2	14.1	20.610986	-103.104823
T. C. Atlacomulco - Zapotlanejo (Cuota)	9.27	3	1	15503	129.8	141.8	144.6	15.6	118.0	138.4	144.1	16.9	109.0	135.0	143.7	18.5	20.601894	-103.148114
T. C. Atlacomulco - Zapotlanejo (Cuota)	9.27	3	2	15031	112.5	128.2	142.1	15.7	92.6	94.6	112.7	7.3	89.6	96.1	117.2	10.5	20.601886	-103.148116
Caseta de Cobro Zapotlanejo (La Joya)	19.00	2	1	14792													20.604800	-103.138949
Caseta de Cobro Zapotlanejo (La Joya)	19.00	2	2	14792													20.604800	-103.138949
T. C. Lagos de Moreno - Guadalajara	26.00																	

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

CLAVE: 14116

RUTA: MEX-080D

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Zapotlanejo - Guadalajara (Cuota)	0.00	3	1	6766	114.7	127.7	141.9	13.1	100.4	107.0	130.0	10.4	97.9	107.6	131.4	11.8	20.621585	-103.096156
T. C. Zapotlanejo - Guadalajara (Cuota)	0.00	3	2	6955	129.4	140.8	144.4	13.4	109.7	129.4	143.5	14.2	107.2	121.1	141.9	13.9	20.621585	-103.096158
T. Der. a Zapotlanejo	7.50																	
T. Der. Tepatitlán	40.04	1	1	6757	104.7	123.4	142.2	17.2	88.0	113.9	143.1	20.5	73.5	99.0	140.4	23.0	20.813350	-102.803258
T. Der. Tepatitlán	40.04	1	2	6657	112.8	132.4	143.3	18.3	97.7	104.2	132.2	11.0	90.7	103.4	130.1	16.0	20.813350	-102.803259
Caseta de Cobro Tepatitlán	40.04	2	1	5680													20.824623	-102.795030
Caseta de Cobro Tepatitlán	40.04	2	2	5680													20.824623	-102.795030

JALISCO

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

CLAVE: 14116

RUTA: MEX-080D

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. Der. Arandas	51.63	1	1	6092	94.6	104.6	121.2	11.5	88.8	94.9	104.8	9.6	85.9	93.5	107.8	9.7	20.889989	-102.716458
T. Der. Arandas	51.63	1	2	6390	110.4	121.8	137.5	12.6	99.8	107.8	122.5	10.4	99.4	110.4	124.6	12.4	20.889989	-102.716458
X. C. Lagos de Moreno - Guadalajara	52.94	3	1	6116	106.1	123.6	141.9	16.7	94.5	104.3	138.7	12.6	90.5	102.5	134.1	13.6	20.898747	-102.700264
X. C. Lagos de Moreno - Guadalajara	52.94	3	2	6129	105.7	121.6	139.9	15.4	92.9	100.8	117.8	10.2	88.4	98.3	121.8	12.8	20.899197	-102.700905
Caseta de Cobro Jalostotitlán	88.62	2	1	5272													21.117548	-102.457996
Caseta de Cobro Jalostotitlán	88.62	2	2	5272													21.117548	-102.457996
X. C. Jalostotitlán - Purísima de Bustos	88.62	3	1	6050	51.4	58.1	100.9	11.2	48.0	53.2	62.6	7.8	51.7	53.3	56.8	5.9	21.120917	-102.454503
X. C. Jalostotitlán - Purísima de Bustos	88.62	3	2	5723	43.4	44.5	87.9	7.7	39.7	49.4	54.4	8.9	49.3	52.9	54.8	8.3	21.120918	-102.454503
T. Izq. San Juan de Los Lagos	107.89	3	1	5194	112.5	130.0	142.9	16.3	93.9	101.5	129.3	10.2	93.8	102.4	129.1	11.0	21.227118	-102.311189
T. Izq. San Juan de Los Lagos	107.89	3	2	5324	113.9	129.8	142.6	14.9	91.6	101.5	120.6	12.6	93.9	102.3	123.0	10.5	21.227118	-102.311189
El Desperdicio	118.91																	

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

CLAVE: 14221

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ent. Santa Cruz - Melaque	0.00	3	0	8801	57.6	72.1	90.4	15.3	53.0	66.6	84.8	14.7	52.8	60.8	81.1	10.6	20.410246	-103.593730
Techaluta	42.00	3	0	4504	78.4	90.2	108.3	12.9	74.1	84.6	101.0	12.1	71.0	82.6	99.9	12.8	20.066994	-103.548171
T. Der. Amacueca	52.00	1	0	4111	86.4	99.0	118.4	13.2	82.2	93.3	112.9	13.1	79.9	92.3	115.1	14.2	20.005649	-103.578958
Sayula	65.34	1	0	4750	83.3	95.5	118.7	13.5	80.2	93.4	111.5	13.8	77.4	92.1	114.2	15.1	19.890866	-103.588656
Sayula	65.34	3	0	5729	78.8	89.9	109.8	12.4	74.7	85.9	109.4	12.6	73.6	84.9	110.8	13.3	19.875823	-103.575954
Cd. Guzmán	94.30																	

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

CLAVE: 14589

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Autlán de Navarro	0.00	3	1	3848	75.3	89.1	107.1	13.8	62.3	71.1	83.9	9.0	71.5	86.0	106.9	15.3	19.765742	-104.340280
Autlán de Navarro	0.00	3	2	3842	70.2	81.9	95.6	12.6	65.2	72.5	83.4	9.4	68.6	80.4	98.1	12.5	19.765906	-104.340209
El Grullo	16.00	3	0	5032	64.2	73.3	91.1	10.5	56.7	55.4	69.5	3.3	62.0	71.8	92.4	11.6	19.804915	-104.200761
T. Izq. Sayula	70.00	1	0	2660	79.2	93.0	114.3	14.7	59.7	65.2	87.8	7.8	70.8	84.9	110.8	15.8	19.683748	-103.804121
T. Izq. Sayula	70.00	3	0	2438	59.4	71.5	91.0	12.7	54.9	64.6	83.6	11.4	54.8	64.9	84.7	11.1	19.680306	-103.797241
Cd. Guzmán - T. C. (Autlán de Navarro - T. C. (Acatlán de Juárez -Colima))	106.00	1	0	2394	69.5	80.5	95.3	12.2	61.9	74.3	90.9	15.0	62.2	73.0	89.1	12.0	19.629167	-103.526917

JALISCO

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

CLAVE: 00117

ruta: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Cd. Guzmán	0.00	3	0	4719	54.0	62.2	79.2	9.5	51.4	54.2	64.5	6.9	50.8	54.9	74.3	9.3	19.671661	-103.481271
T. C. Autlán de Navarro - T. C. (Acatlán de Juárez- Colima)	9.50	1	0	2806	69.2	79.6	94.4	11.7	58.6	62.3	76.9	5.9	64.2	75.3	92.9	12.8	19.626982	-103.521272

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

CLAVE: 14573

ruta: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Crucero de Santa María	0.00	3	0	4834	63.2	74.8	94.1	12.7	61.5	73.1	88.9	12.4	58.6	69.5	87.4	11.1	20.394729	-103.872027
San Martín Hidalgo	10.00	3	0	2976	69.3	80.4	96.1	12.2	61.7	72.0	87.7	11.2	59.4	69.1	86.7	10.5	20.448134	-103.945963
T. C. Ramal a Ameca	26.00	1	0	4474	42.4	51.0	59.9	10.3	42.0	51.0	55.0	10.7	42.4	51.5	55.0	11.5	20.534739	-104.027237

37 C A R R : El Refugio - San Marcos

CLAVE: 14027

ruta: JAL-004

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ramal a Ameca	0.00	3	0	9582	72.4	88.5	111.9	15.2	59.3	63.9	89.1	8.2	67.7	85.4	119.1	15.8	20.662411	-103.735366
T. Izq. Ahualulco de Mercado	24.50	1	0	7406	73.2	91.1	115.3	16.3	68.3	85.8	103.2	14.6	70.5	90.9	121.5	18.3	20.697595	-103.964138
T. Izq. Ahualulco de Mercado	24.50	3	0	6452	79.1	93.6	113.1	15.5	71.9	83.7	99.0	13.4	74.1	88.7	112.4	15.4	20.714786	-103.977705
San Marcos	54.00	1	0	2471	61.3	69.3	81.6	9.8	57.8	61.3	69.2	5.7	56.6	63.6	78.7	9.1	20.784004	-104.196201

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

CLAVE: 14009

ruta: JAL-009

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Lagos de Moreno - Zapotlanejo	0.00	3	0	3486	48.1	53.6	107.4	10.9	43.5	51.0	56.6	8.9	46.1	52.5	57.7	9.7	21.201212	-102.441546
Teocaltiche	36.00	1	0	2270	53.2	59.3	74.6	8.6	53.1	53.3	54.9	3.3	51.5	54.8	70.5	8.2	21.424022	-102.587860
Teocaltiche	36.00	3	0	3072	83.3	102.0	126.0	19.1	60.8	60.8	100.6	9.9	79.2	99.9	121.2	20.3	21.474699	-102.570967
Villa Hidalgo	63.00	1	0	4062	77.5	92.0	111.6	15.3	64.5	77.1	91.8	11.7	74.5	88.7	108.8	14.9	21.662302	-102.593598

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

CLAVE: 00126

ruta: ZAC

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Aguascalientes - Zacatecas	0.00	3	0	2622	59.0	66.0	82.0	9.4	57.4	64.4	81.4	9.4	55.2	64.2	82.7	10.8	22.601153	-102.246938
Gral. Pánfilo Natera	16.00	3	0	1843	66.5	79.5	100.4	13.2	63.8	75.2	92.2	12.2	63.5	77.7	98.2	14.5	22.656554	-102.105944

JALISCO

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

CLAVE: 00126

RUTA: ZAC

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Lim. Edos. Term. Zac. Ppia. Jal.	134.00																	
T. C. San Luis Potosí - Lagos de Moreno	137.00																	

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

CLAVE: 14582

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Ixtlahuacán del Río	0.00	3	0	3472	62.7	73.9	93.1	12.8	57.4	61.2	78.2	6.1	58.3	71.7	92.3	14.5	20.856087	-103.236758
Cuquio	27.00	1	0	3432	69.4	81.4	99.0	12.9	60.7	68.8	82.4	8.1	64.1	74.8	93.5	12.0	20.920719	-103.042406
T. C. Tepatitlán - Jaralillo	52.00	1	0	2466	64.7	78.3	97.1	13.6	62.0	75.4	84.7	12.8	60.4	72.5	90.5	12.4	21.160177	-102.889936

41 C A R R : Jalostotitlán - Purísima de Bustos

CLAVE: 00142

RUTA: JAL-GTO

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Jalostotitlán	0.00	3	0	5822	35.2	42.7	54.9	9.2	52.9	53.3	54.8	3.7	36.9	45.7	53.9	9.6	21.156304	-102.464201
San Miguel El Alto	19.00	3	0	4617	47.6	53.0	97.2	10.2	42.5	50.3	58.6	8.9	45.8	52.4	58.1	9.7	21.020387	-102.349070
San Diego de Alejandría	63.00	3	0	3790	47.7	53.2	100.4	10.4	44.1	51.2	54.5	8.9	46.4	52.5	56.4	9.6	20.999003	-101.990030
Lim. Edos. Term. Jal. Ppia. Gto.	66.00																	
Purísima de Bustos	78.00	1	0	4023	61.3	68.3	80.2	9.1	56.5	61.3	71.2	6.5	54.5	62.7	74.4	9.9	21.015778	-101.893861

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

CLAVE: 14581

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Lagos de Moreno	0.00	3	0	4350	35.4	43.0	54.6	9.2	42.2	50.7	54.4	9.8	37.9	47.8	54.0	10.0	21.306746	-101.928256
Unión de San Antonio	27.00	1	0	2770	70.2	84.4	140.1	18.3	66.4	73.7	142.4	17.7	67.4	80.4	139.4	17.6	21.140034	-101.995665

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

CLAVE: 11036

RUTA: GTO

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
León	0.00	3	1	16336	33.7	36.0	44.3	5.5	36.3	46.7	102.2	11.3	28.6	33.0	60.0	8.9	21.167917	-101.664056
León	0.00	3	2	16862	38.7	42.5	54.0	6.9	39.9	45.0	54.2	8.7	38.9	47.3	83.5	11.2	21.167917	-101.664056
X. C. Libramiento de León	6.50	3	0	13645	41.3	50.0	64.0	10.5	42.5	50.4	61.2	9.3	38.2	49.7	59.6	11.9	21.202139	-101.674694

JALISCO

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

CLAVE: 11036

RUTA: GTO

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Lim. Edos. Term. Gto. Ppia. Jal.	17.00																	
Lim. Edos. Term. Jal. Ppia. Gto.	38.00																	
San Felipe Torres Mochas	98.00	1	0	6904	91.3	103.5	123.4	13.3	75.2	89.2	137.3	15.0	82.2	98.8	138.6	17.5	21.429472	-101.237444

44 C A R R : Libramiento de Mazamitla

CLAVE: 14014

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jiquilpan - Colima	0.00																	
T. C. Jiquilpan - Colima	3.00	1	0	3215	35.3	43.0	54.5	9.2	42.3	50.8	54.4	9.9	36.2	45.5	53.9	9.6	19.924535	-103.044449

45 C A R R : Libramiento de Zapotlanejo

CLAVE: 14013

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Lagos de Moreno - Zapotlanejo	0.00	3	0	13510	87.0	98.4	122.4	13.0	78.0	89.0	136.9	13.9	76.3	88.4	124.1	13.9	20.654015	-103.037709
T. C. Irapuato - Guadalajara	1.80	1	0	11013	74.3	82.3	101.8	9.7	72.5	80.2	93.5	9.4	73.8	81.7	100.8	9.9	20.630905	-103.051597

46 C A R R : Mascota - Puerto Vallarta

CLAVE: 00070

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Mascota	0.00	3	0	3079	60.9	69.1	81.5	10.0	54.9	53.7	58.8	0.7	55.8	63.5	78.7	9.6	20.537721	-104.803387
Puerto Vallarta	98.00	1	0	14276	38.6	44.1	56.9	8.6	40.4	46.5	63.0	9.6	37.3	48.8	57.3	11.9	20.706874	-105.227245

47 C A R R : Mazamitla - Tuxcueca

CLAVE: 14011

RUTA: JAL

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Mazamitla	0.00	3	0	2961	75.9	87.6	106.1	12.7	63.5	74.1	89.3	10.0	69.4	83.4	101.4	14.5	19.933745	-103.044068
T. C. Jiquilpan - Guadalajara	42.00	1	0	3101	71.5	84.5	102.6	14.3	58.8	61.2	122.3	9.3	64.6	77.0	109.2	14.0	20.148726	-103.187410

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

CLAVE: 00526

RUTA: AGS-036

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Ojuelos - Aguascalientes	0.00	3	0	1085	60.8	70.5	85.9	11.5	59.5	67.5	83.6	9.9	57.7	67.5	88.8	11.1	21.817337	-102.104881
Ent. San Bartolo	11.50	3	0	1808	67.1	80.3	101.0	13.6	64.1	78.2	94.3	13.2	63.1	78.5	93.5	14.9	21.746969	-102.172233
Lim. Edos. Term. Ags. Ppia. Jal.	17.50																	
Bajío de San José	22.50																	

54 C A R R : Sayula - Venustiano Carranza

CLAVE: 14585

RUTA: JAL

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Acatlán de Juárez - Cd. Guzmán	0.00																	
Sayula	1.70	3	0	1110	75.6	90.1	110.8	14.7	66.4	82.7	104.5	15.7	68.2	84.0	103.6	16.3	19.862499	-103.608258
Venustiano Carranza	42.00	1	0	867	42.2	52.8	68.5	11.7	39.7	50.2	54.6	11.4	39.1	51.3	66.5	13.2	19.744936	-103.757643

55 C A R R : Tototlán - Ocotlán

CLAVE: 14583

RUTA: JAL

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Tototlán	0.00	3	0	4387	71.8	83.4	102.0	13.1	69.1	79.0	91.8	11.3	68.9	80.9	99.7	13.4	20.532893	-102.787104
Ocotlán	26.00	1	0	11523	47.6	53.1	94.7	10.2	43.5	51.2	59.0	9.1	47.8	52.8	55.5	9.2	20.380588	-102.759113

56 C A R R : Valle de Guadalupe - Mexxicacán

CLAVE: 14593

RUTA: JAL

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Lagos de Moreno - Zapotlanejo	0.00	3	0	1736	47.8	53.2	64.6	8.0	47.5	51.8	54.6	6.9	40.7	47.5	60.9	9.0	21.047176	-102.584218
Mexxicacán	43.00	1	0	699	34.9	38.6	50.1	5.2	39.2	49.0	54.2	7.9	36.9	48.5	54.1	9.2	21.265936	-102.770193

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

CLAVE: 14005

RUTA: JAL-005-MEX-071

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Jalostotitlán - Purísima de Bustos	0.00	3	0	3888	35.5	43.0	54.6	9.1	39.5	48.3	54.1	9.5	37.2	46.5	53.9	9.6	21.005495	-102.325467
X. C. Tepatitlán - Las Adjuntas	36.00	1	0	4917	70.5	82.0	101.5	12.5	60.1	67.5	80.4	7.9	61.4	74.4	98.5	14.2	20.729250	-102.452177
X. C. Tepatitlán - Las Adjuntas	36.00	3	0	5228	84.6	97.0	114.7	13.1	71.9	84.2	98.3	13.5	77.9	89.3	109.8	12.8	20.709606	-102.458206
Atotonilco El Alto	58.60	1	0	4470	82.5	97.4	114.5	15.4	65.7	82.8	100.3	15.1	68.0	89.1	109.7	20.5	20.553512	-102.519509

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

CLAVE: 14005

RUTA: JAL-005-MEX-071

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Atotonilco El Alto	58.60	3	0	12263	60.6	68.8	84.4	10.3	56.7	64.0	74.8	9.2	55.8	64.8	84.5	11.7	20.533281	-102.532991
La Barca	90.00	1	0	13776	47.6	53.1	95.4	10.2	43.0	51.1	59.9	9.4	46.8	52.6	56.7	9.5	20.310957	-102.538168

58 C A R R : Tepatitlán - Jaralillo

CLAVE: 00146

RUTA: MEX-JAL-ZAC

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Lagos de Moreno - Zapotlanejo	0.00	3	0	6761	48.6	54.0	64.9	8.5	47.8	53.2	64.7	8.1	48.5	52.9	62.9	8.4	20.795914	-102.791817
T. Izq. Mezcala	22.40	3	0	1385	77.6	90.7	110.5	13.6	69.9	88.3	101.2	15.1	69.6	86.6	109.2	16.3	20.963074	-102.816524
Yahualica de González Gallo	57.40	3	1	1456	51.7	58.4	69.8	8.8	50.2	58.1	70.0	9.4	50.3	54.8	68.4	8.7	21.202868	-102.886055
Yahualica de González Gallo	57.40	3	2	1419	45.2	50.3	56.2	6.3	44.6	51.1	60.0	7.7	45.7	51.0	54.6	7.3	21.202868	-102.886055
T. Der. Mexicacán	72.45	3	0	2136	48.3	53.8	64.8	8.5	49.1	53.3	67.6	7.9	48.9	53.1	64.9	8.6	21.254972	-102.802806
Lim. Edos. Term. Jal. Ppia. Zac.	83.50																	
Lim. Edos. Term. Zac. Ppia. Jal.	106.00																	
Teocaltiche	111.00	1	0	3473	48.5	53.9	64.9	8.5	47.9	52.4	62.7	7.3	48.4	52.8	63.8	8.6	21.425678	-102.590050
Teocaltiche	111.00	3	0	3318	48.6	54.0	65.7	8.5	48.4	52.5	60.6	7.1	48.9	53.0	63.2	8.3	21.455219	-102.555832
T. C. León - Aguascalientes	157.00	1	0	2413	35.3	43.0	54.4	9.1	53.9	53.4	54.8	2.0	39.1	48.8	54.2	10.1	21.643122	-102.278642

59 C A R R : Tepatitlán - Las Adjuntas

CLAVE: 00141

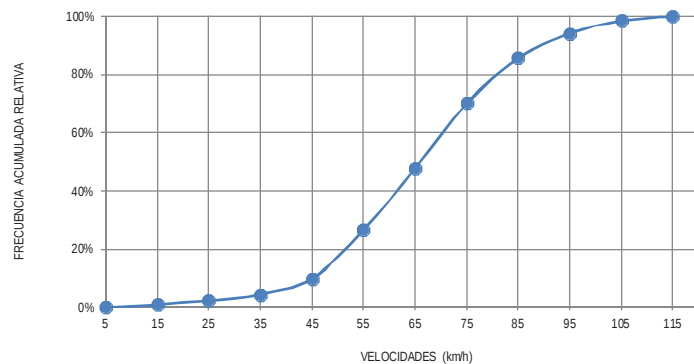
RUTA: JAL/MEX-084

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Lagos de Moreno - Zapotlanejo	0.00	3	1	3554	83.5	93.8	112.1	11.7	74.3	86.6	101.5	12.6	73.4	87.1	107.5	14.1	20.882901	-102.699568
T. C. Lagos de Moreno - Zapotlanejo	0.00	3	2	3603	91.1	104.6	125.0	14.5	78.7	91.4	104.4	13.8	82.6	96.3	121.2	14.6	20.882902	-102.699569
X. C. San Miguel El Alto - La Barca	34.00	3	1	5625	81.2	92.4	110.1	12.6	75.0	85.3	97.5	11.2	74.3	84.4	100.2	11.5	20.718251	-102.441577
X. C. San Miguel El Alto - La Barca	34.00	3	2	5595	83.3	95.7	114.4	13.7	76.1	87.5	102.1	12.4	76.4	88.8	107.2	13.6	20.718250	-102.441577
Arandas	46.00	3	0	6687	72.4	82.8	101.8	11.8	65.5	74.1	86.8	9.5	66.5	78.1	96.6	12.6	20.694748	-102.298089
T. Der. Jesús María	58.00	3	0	2603	71.9	87.3	109.3	16.0	65.7	77.4	91.1	12.2	70.1	84.2	103.6	15.6	20.685459	-102.233188
X. C. Manuel Doblado - La Piedad	91.00	1	0	1375	56.9	70.5	88.1	13.6	50.0	58.4	80.5	11.6	46.5	60.5	82.5	14.2	20.621583	-101.991111
Lim. Edos. Term. Jal. Ppia. Gto.	95.00																	
T. C. Munguía - Las Adjuntas	100.00	1	0	1343	72.5	83.6	103.6	12.7	64.2	73.9	86.3	10.6	63.6	75.6	93.6	12.6	20.653361	-101.886778

1 Carr: Ameca - Mascota

CLAVE: 14071

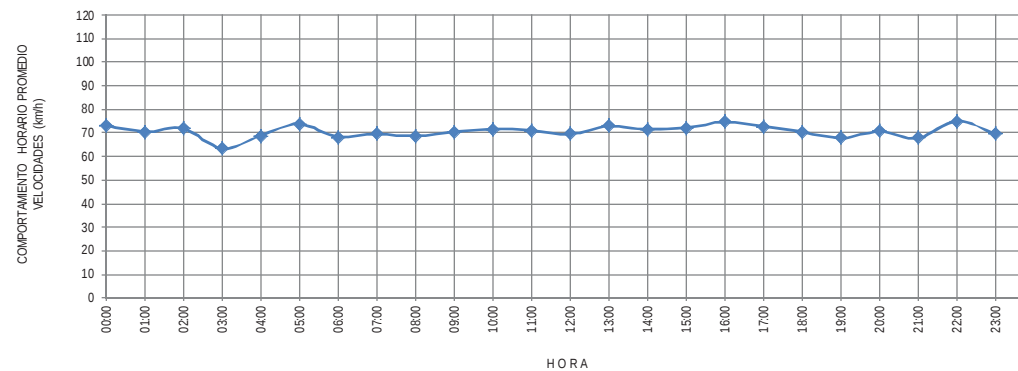


RUTA: MEX-070

KM: 0.000

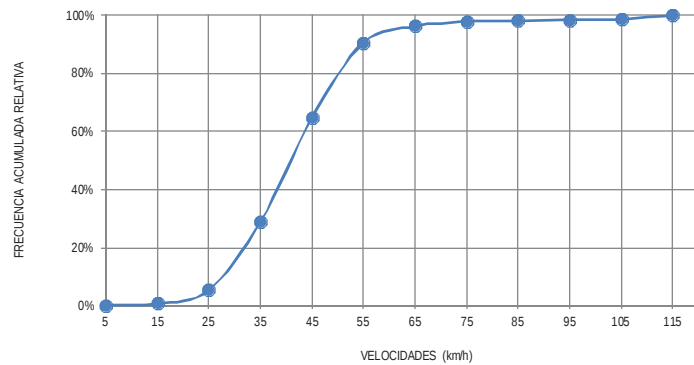
TE: 3

SC: 0



2 Carr: Atlenquique - San Pedro

CLAVE: 14224

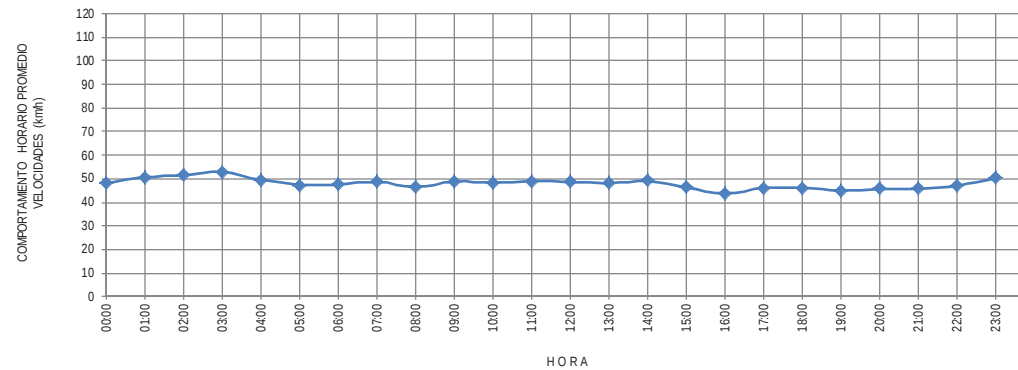


RUTA: MEX-054

KM: 0.000

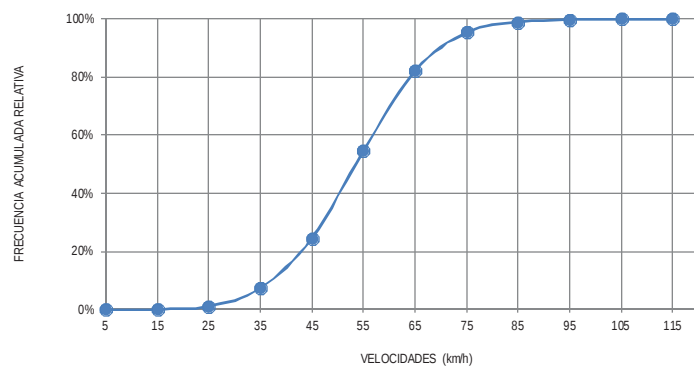
TE: 3

SC: 0



3 Carr: Cd. Guzmán - Colima

CLAVE: 00117

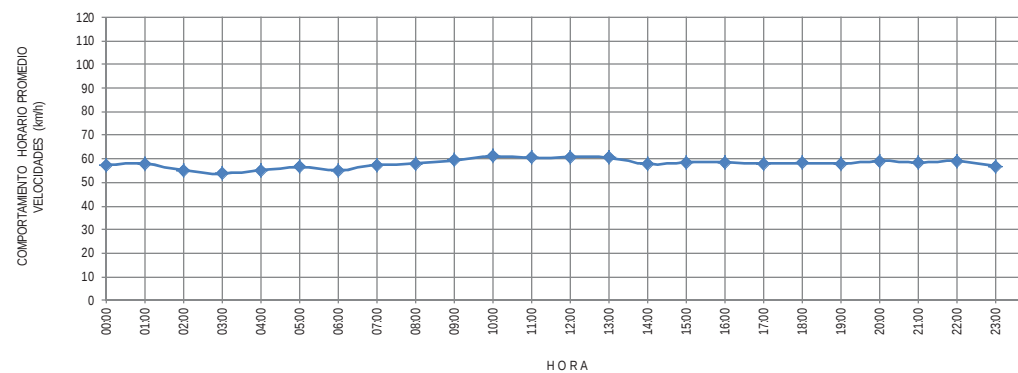


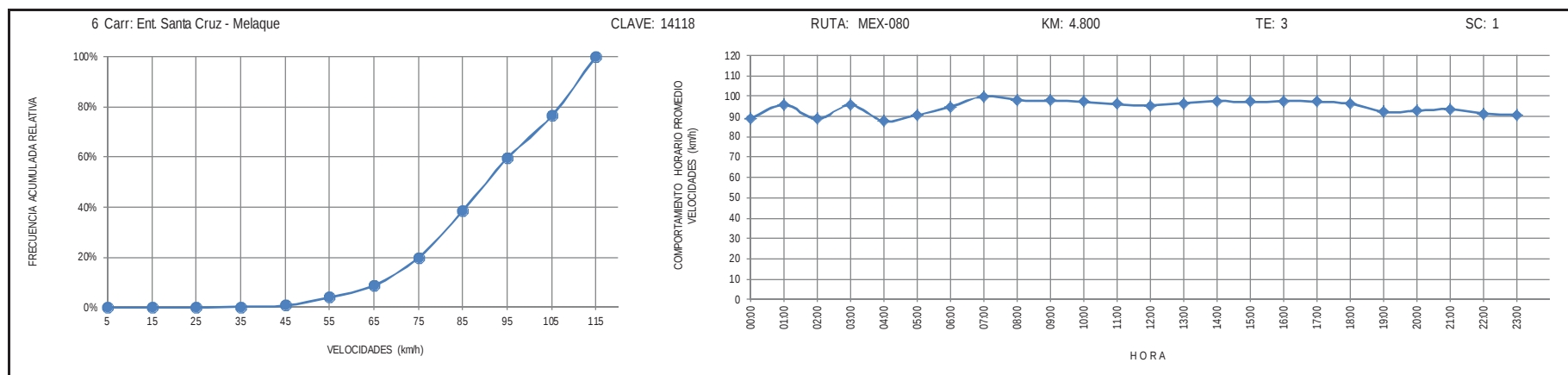
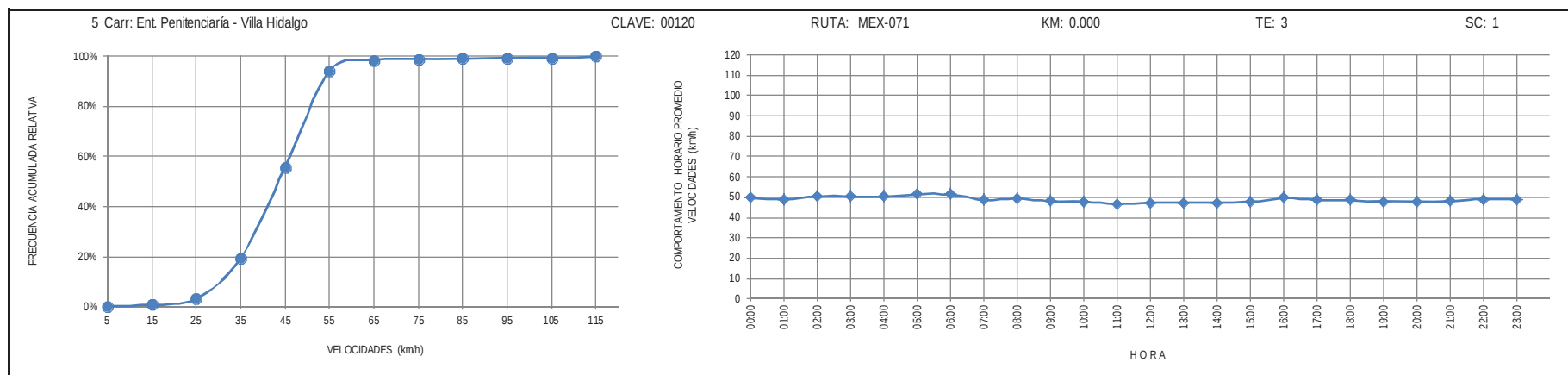
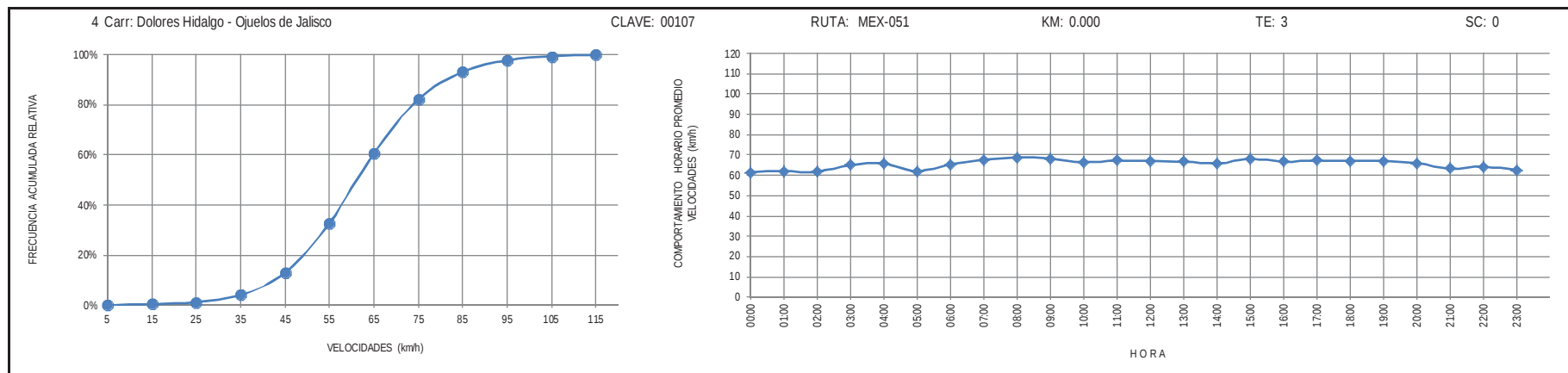
RUTA: MEX-054

KM: 0.000

TE: 3

SC: 1





7 Carr: Ent Tesistán - Ent Malpaso

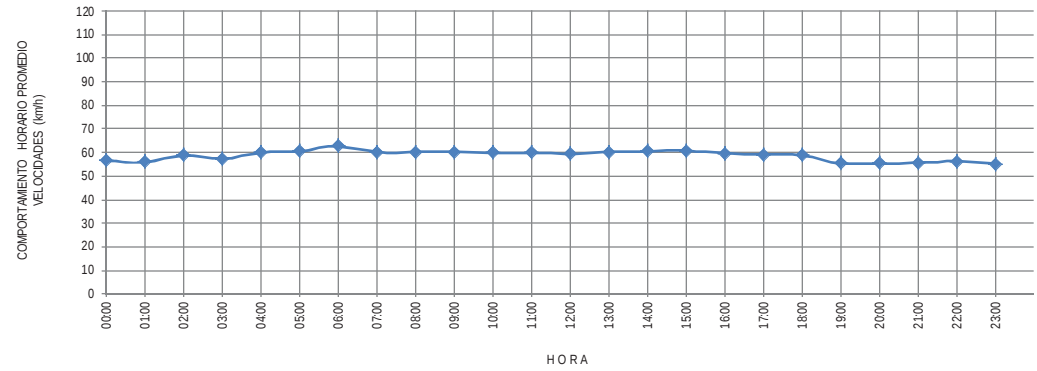
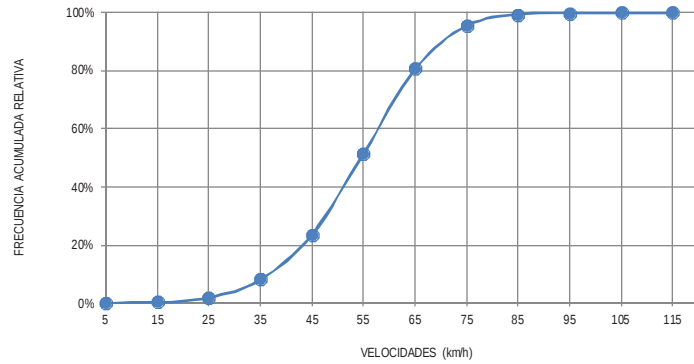
CLAVE: 00584

ruta: MEX-023

KM: 0.000

TE: 3

SC: 0



8 Carr: Guadalajara - Ent Jocoltepec

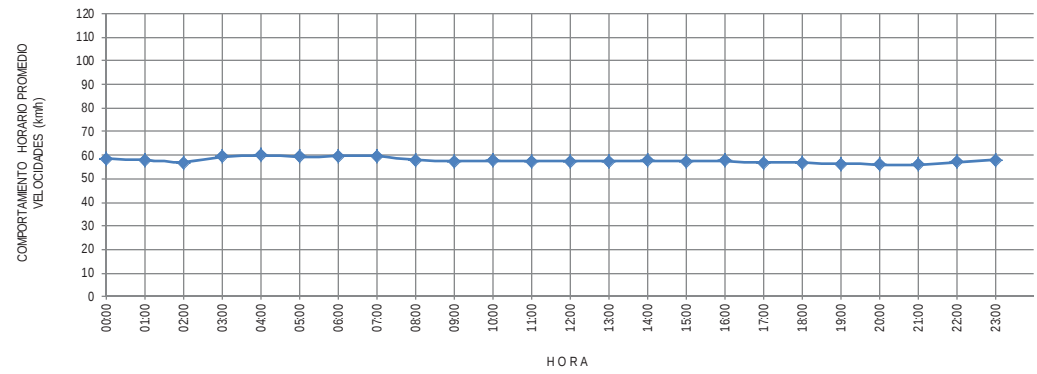
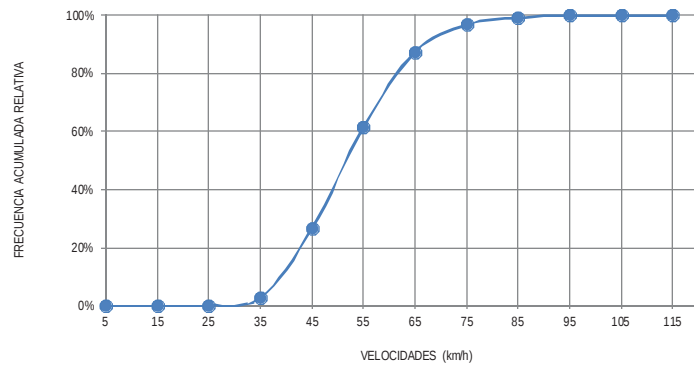
CLAVE: 14222

ruta: MEX-023

KM: 4.140

TE: 3

SC: 1



9 Carr: Guadalajara - Tepic

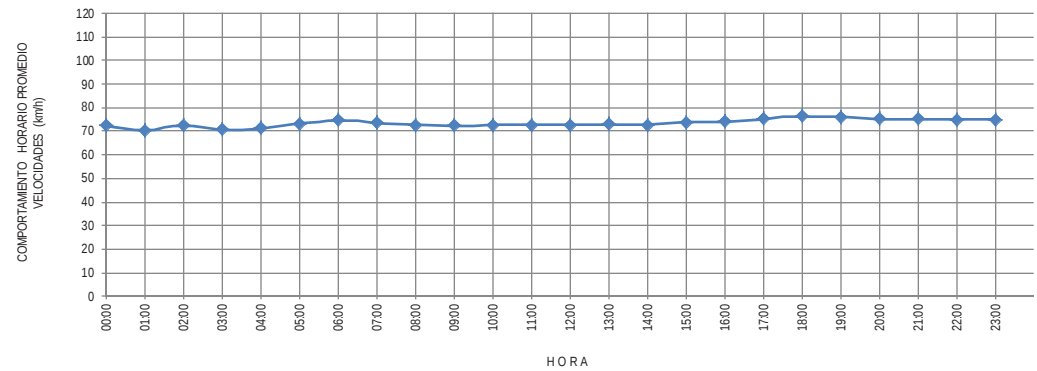
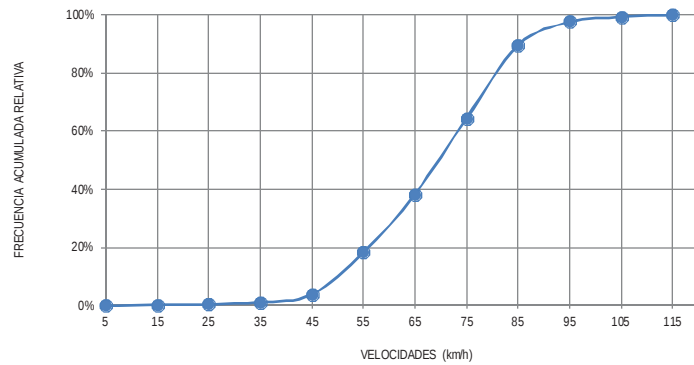
CLAVE: 00031

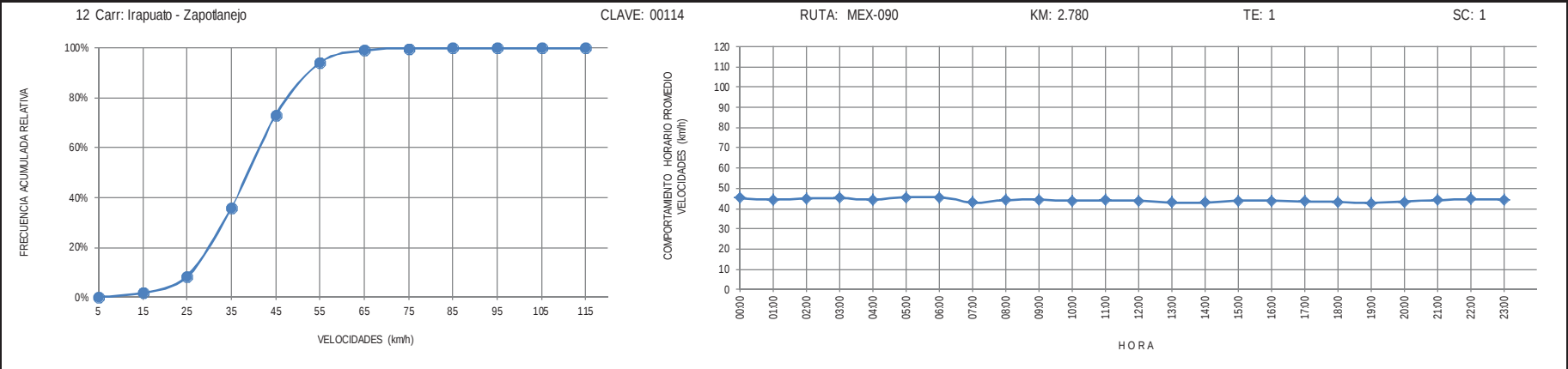
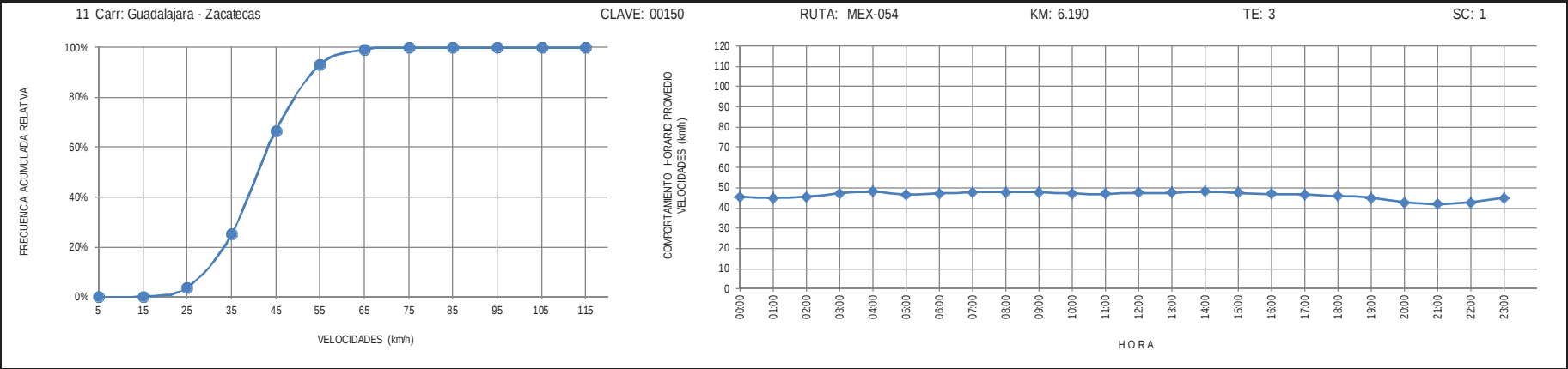
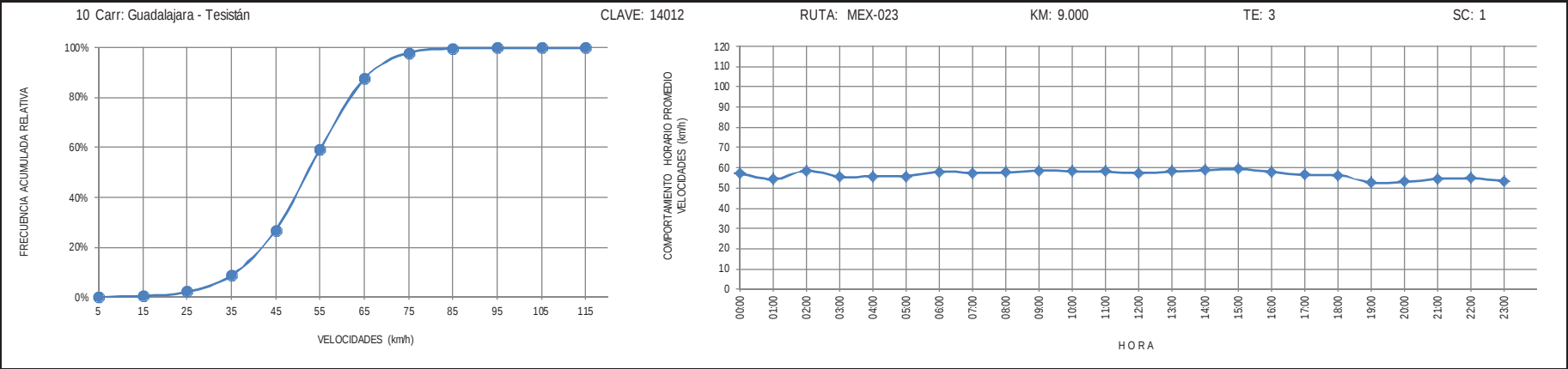
ruta: MEX-015

KM: 8.300

TE: 3

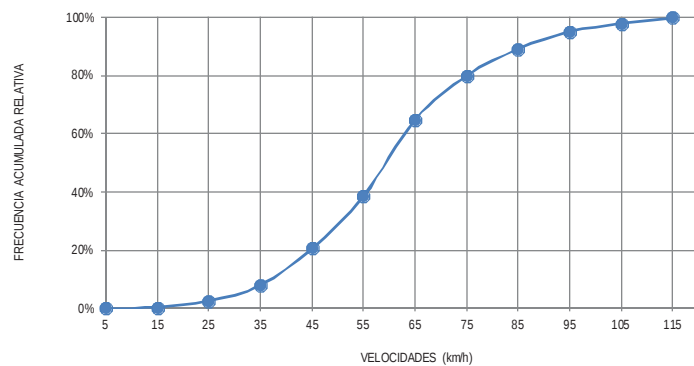
SC: 1





13 Carr: Jiquilpan - Colima

CLAVE: 00156

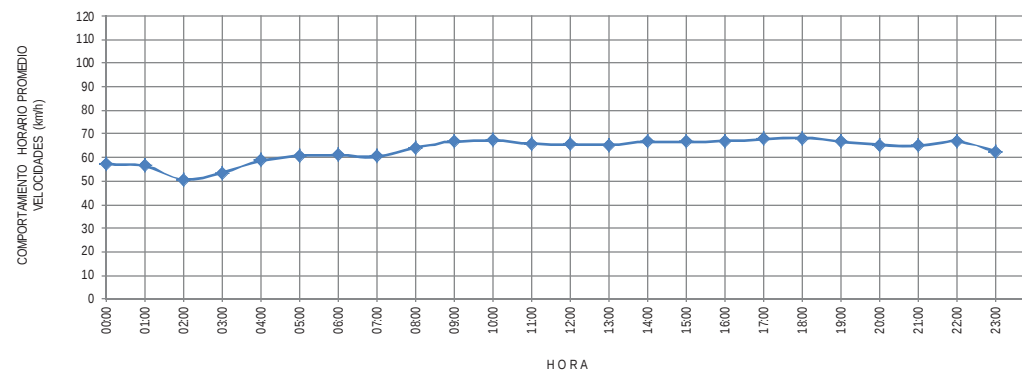


RUTA: MEX-110

KM: 0.000

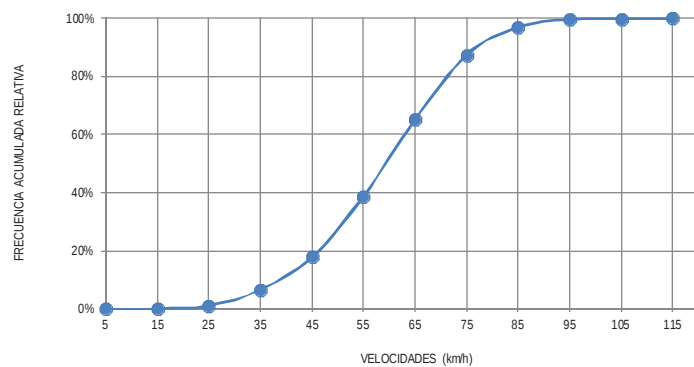
TE: 3

SC: 0



14 Carr: Jiquilpan - Guadalajara

CLAVE: 00429

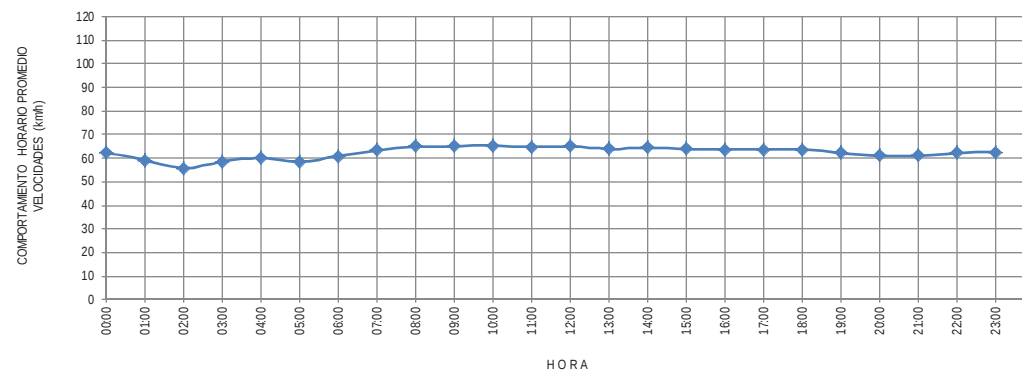


RUTA: MEX-015

KM: 0.000

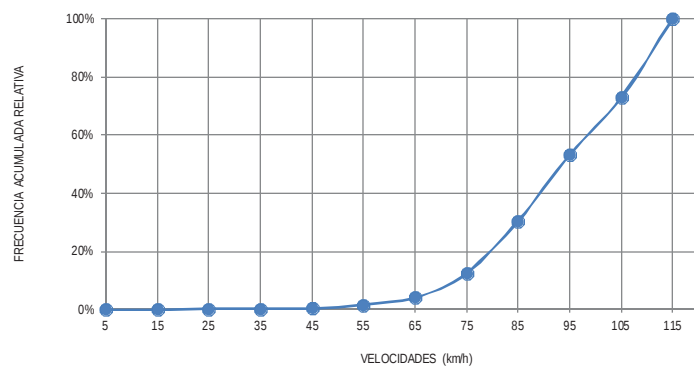
TE: 3

SC: 1



15 Carr: Lagos de Moreno - Guadalajara

CLAVE: 14115

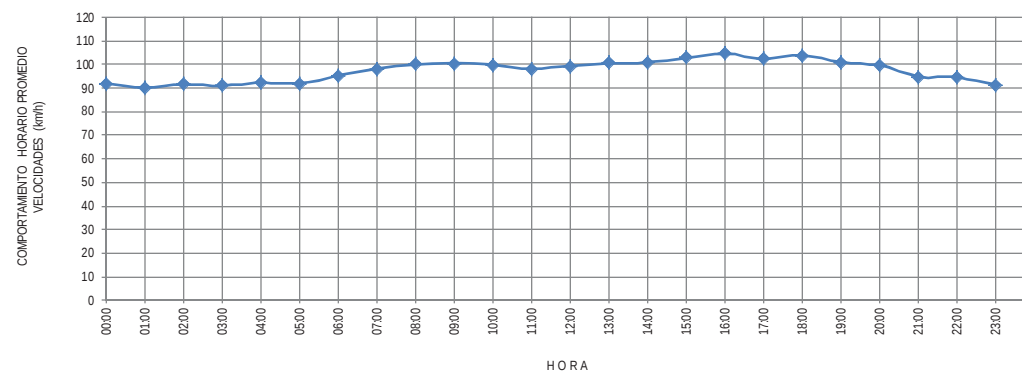


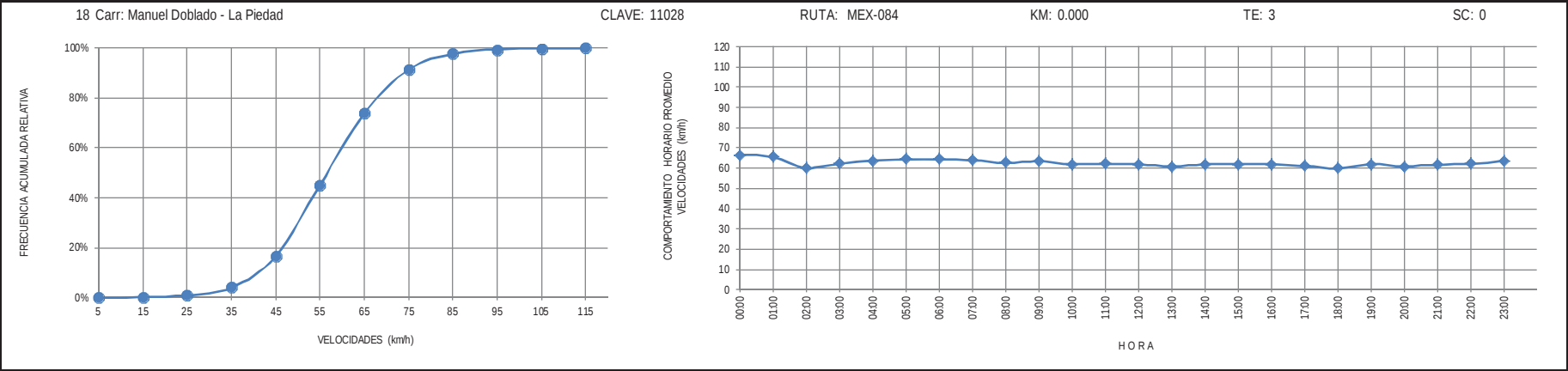
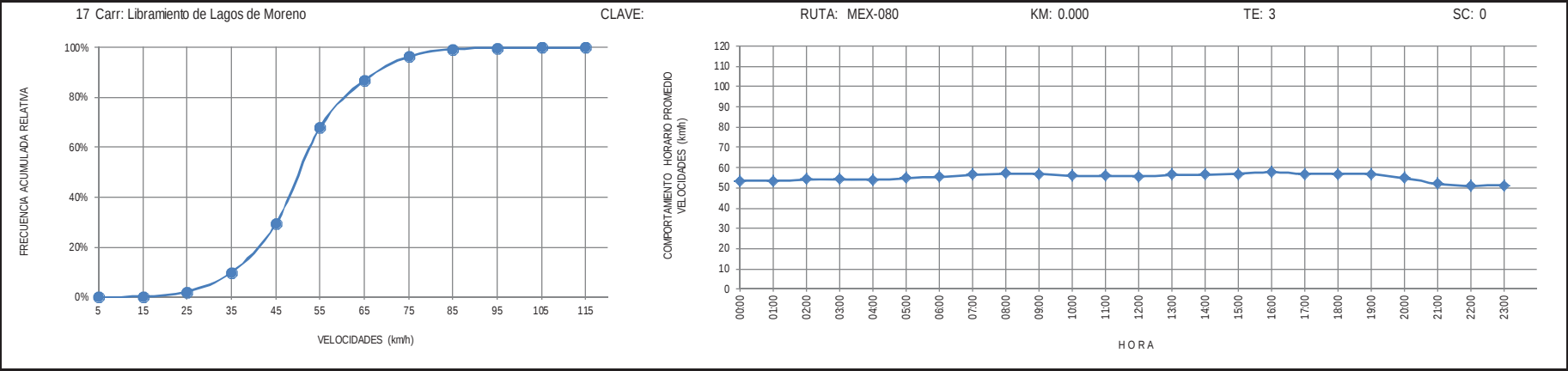
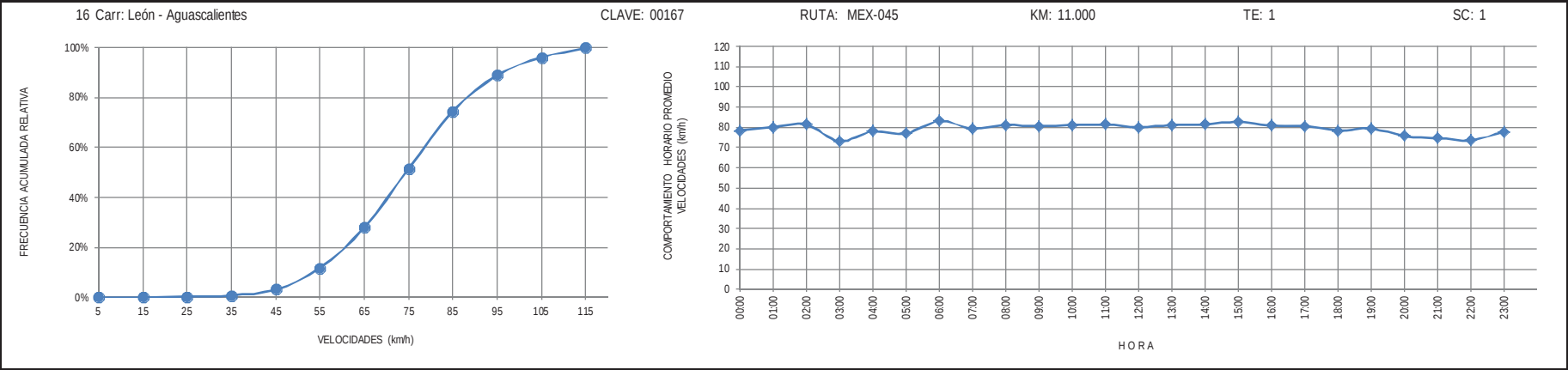
RUTA: MEX-080

KM: 0.000

TE: 3

SC: 1





19 Carr: Manzanillo - Puerto Vallarta

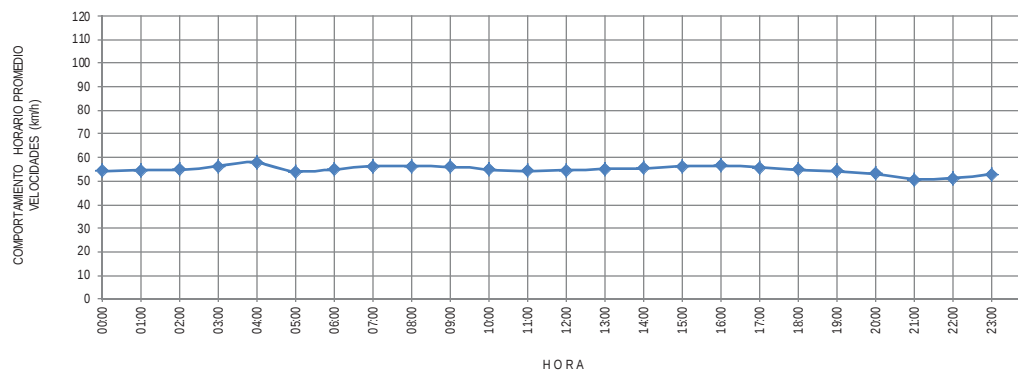
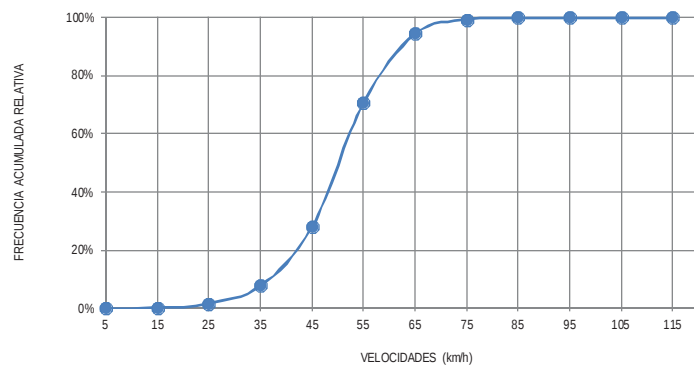
CLAVE: 00070

RUTA: MEX-200

KM: 0.000

TE: 3

SC: 1



20 Carr: Ojuelos - Aguascalientes

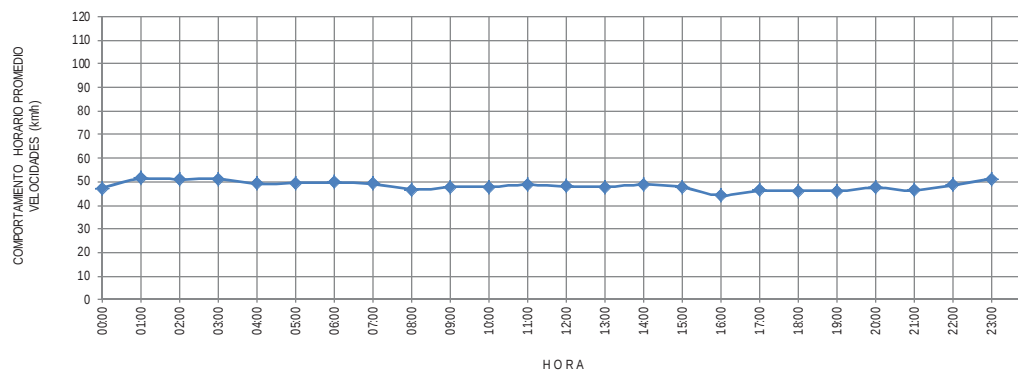
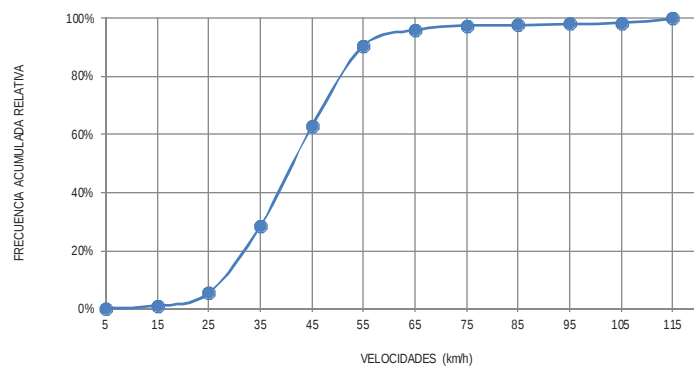
CLAVE: 00094

RUTA: MEX-070

KM: 0.000

TE: 3

SC: 0



21 Carr: Ramal a Ameca

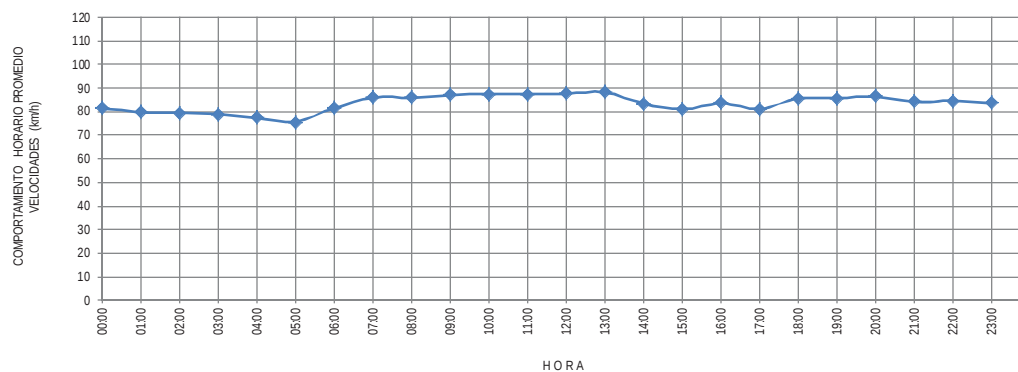
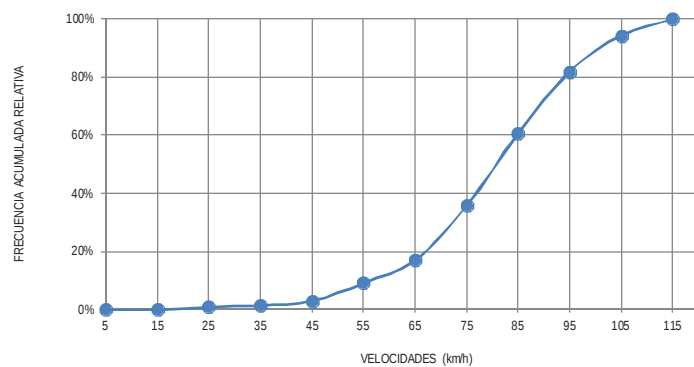
CLAVE: 14223

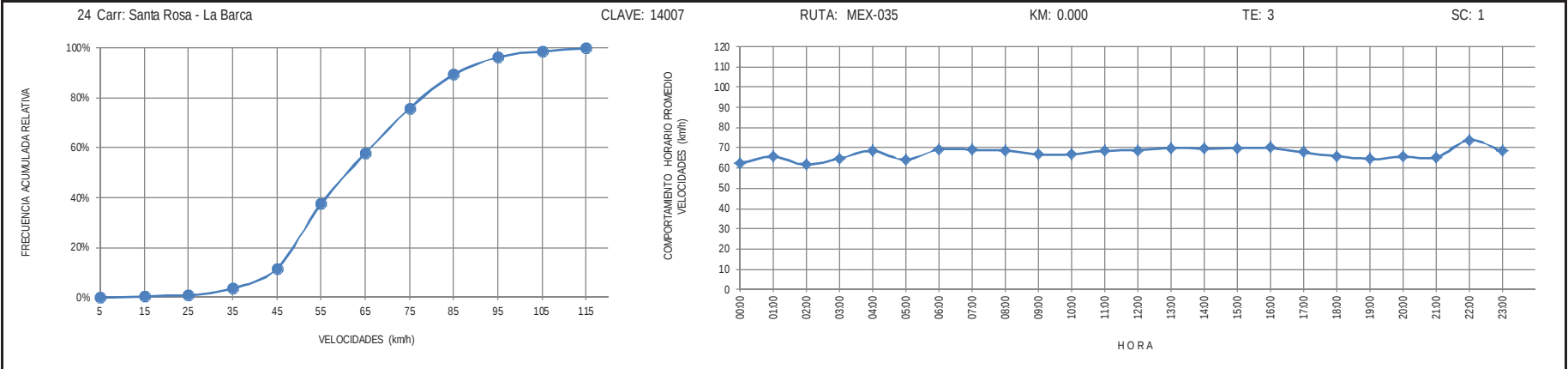
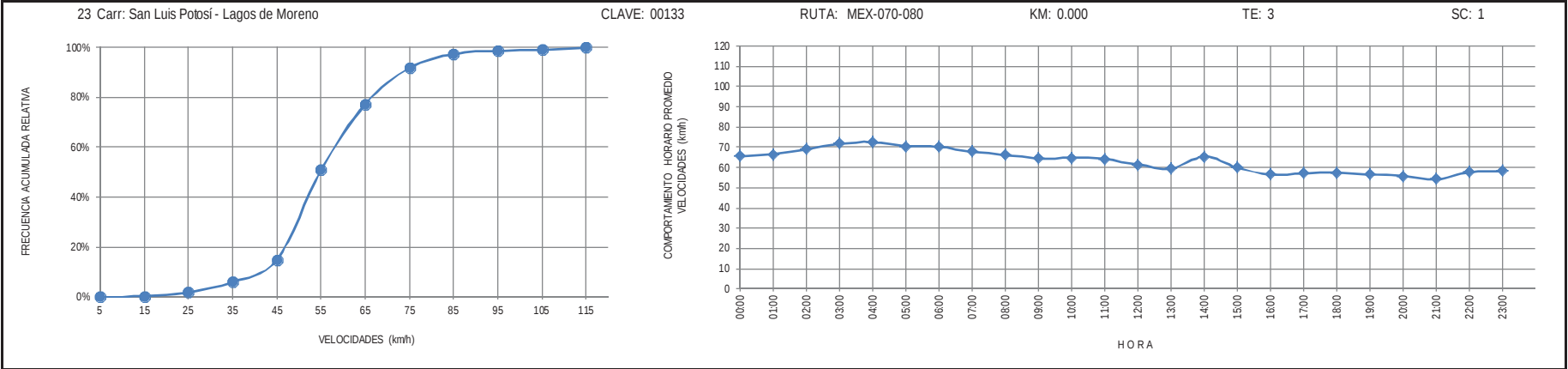
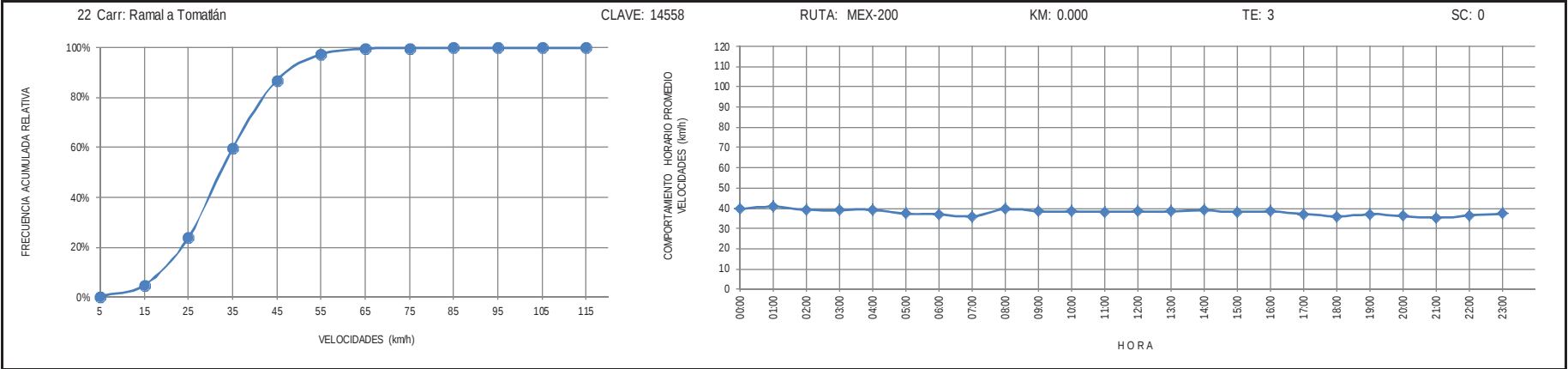
RUTA: MEX

KM: 0.000

TE: 3

SC: 1





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

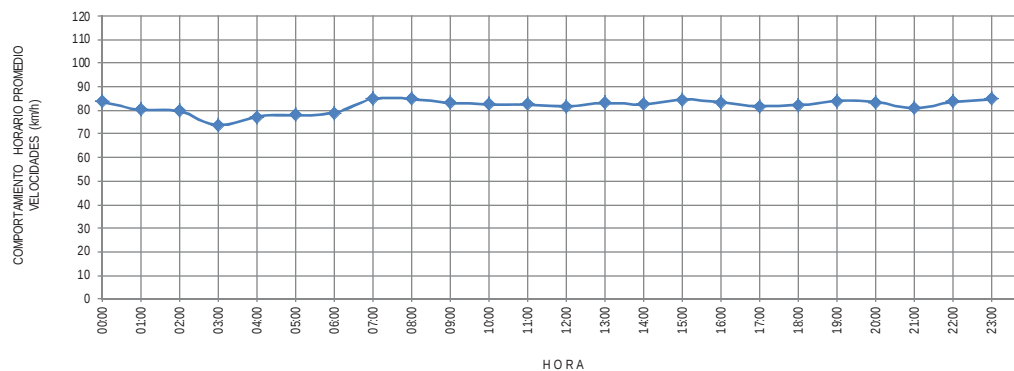
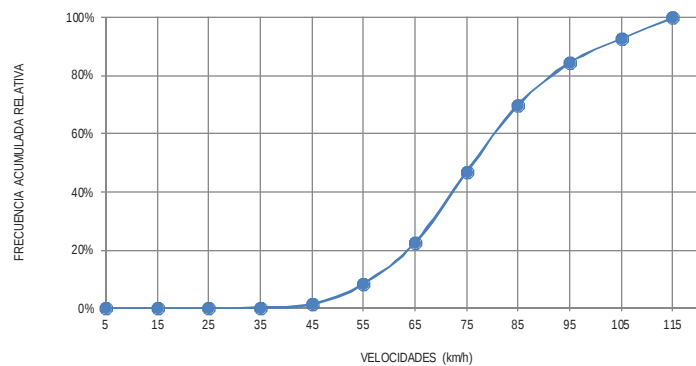
CLAVE: 14225

ruta: MEX-110

KM: 0.000

TE: 3

SC: 0



26 Carr: Tepic - Puerto Vallarta

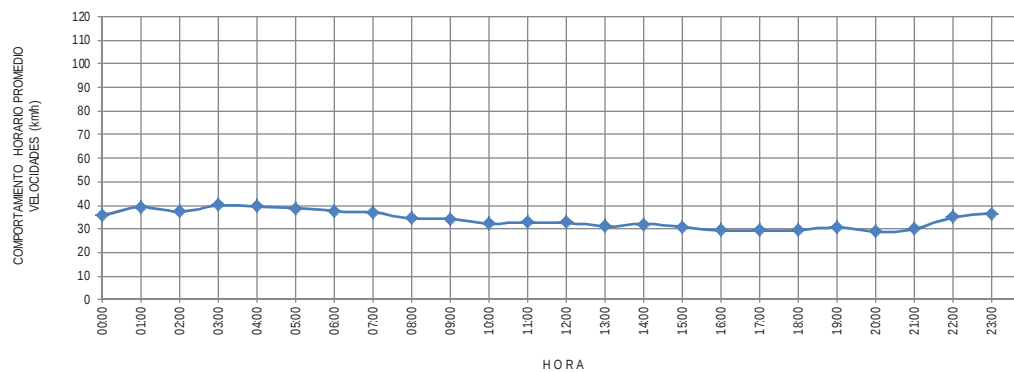
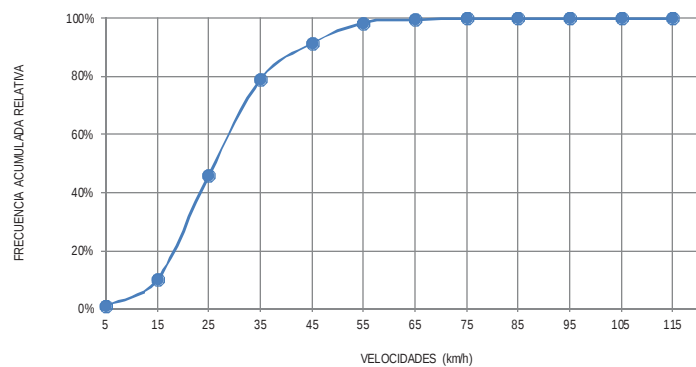
CLAVE: 00068

ruta: MEX-200

KM: 0.000

TE: 3

SC: 1



27 Carr: Guadalajara - Colima (Cuota)

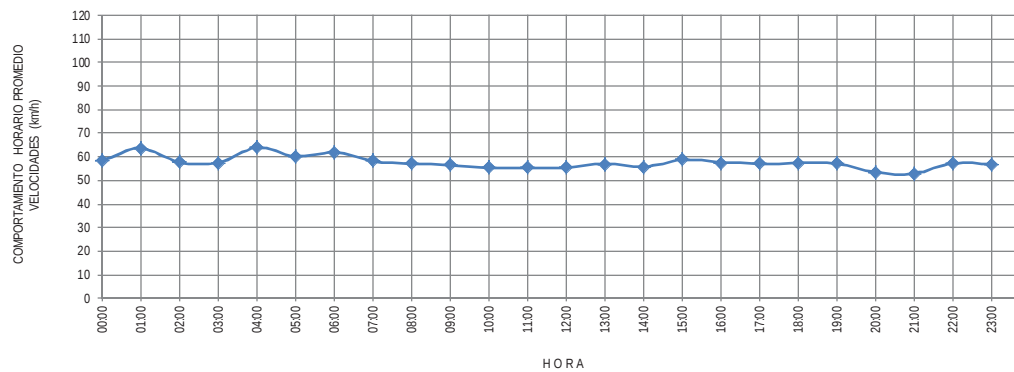
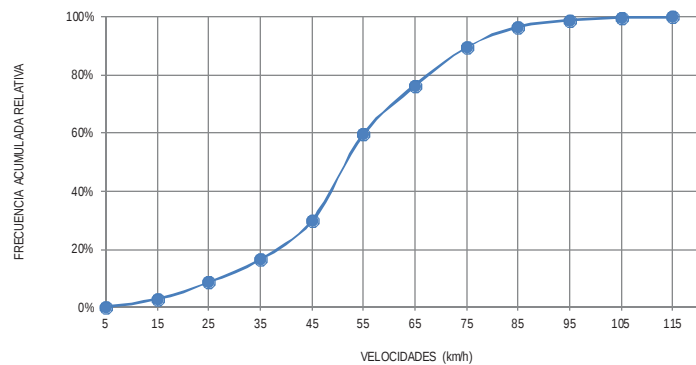
CLAVE: 00118

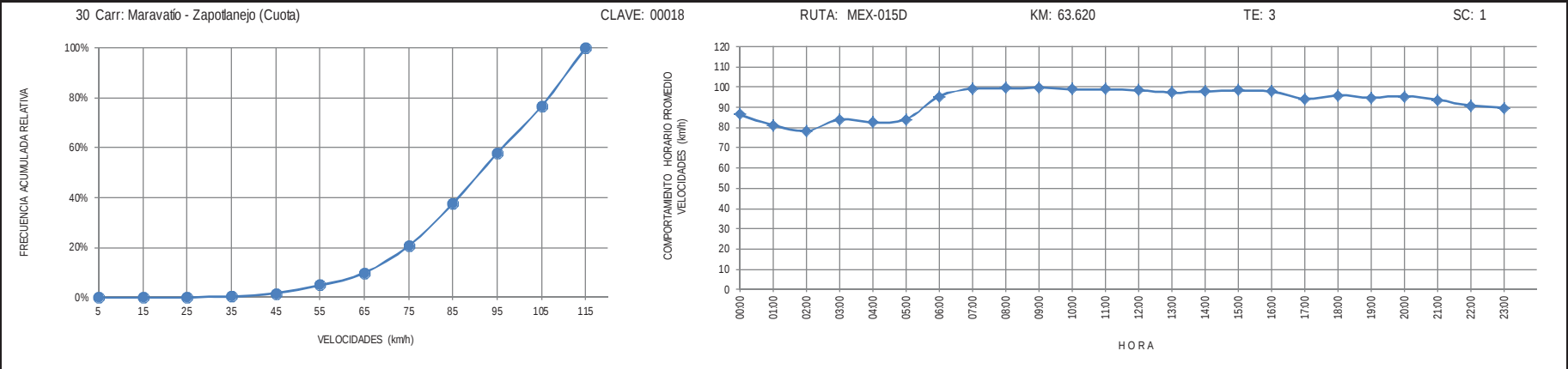
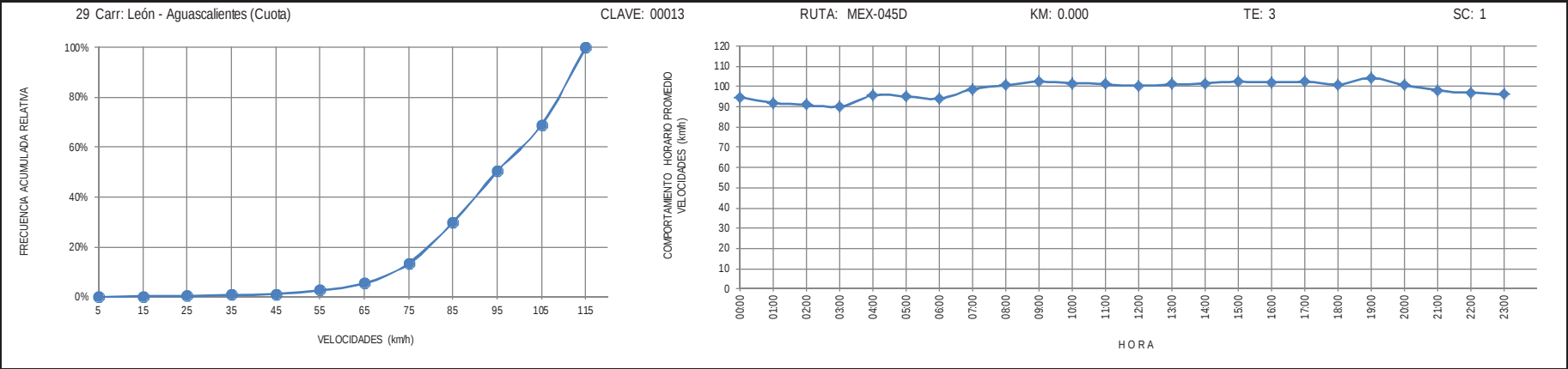
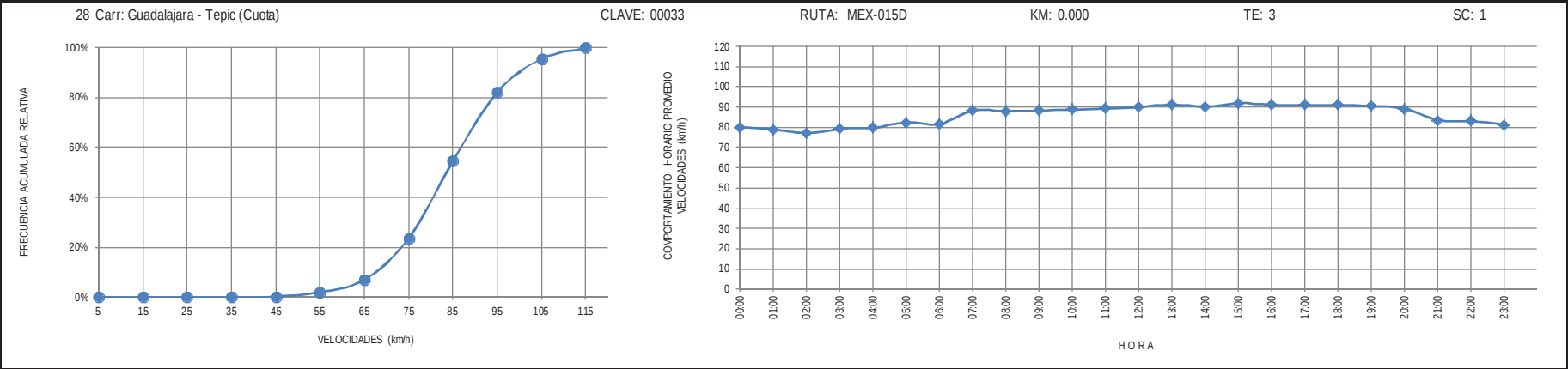
ruta: MEX-054D

KM: 0.200

TE: 3

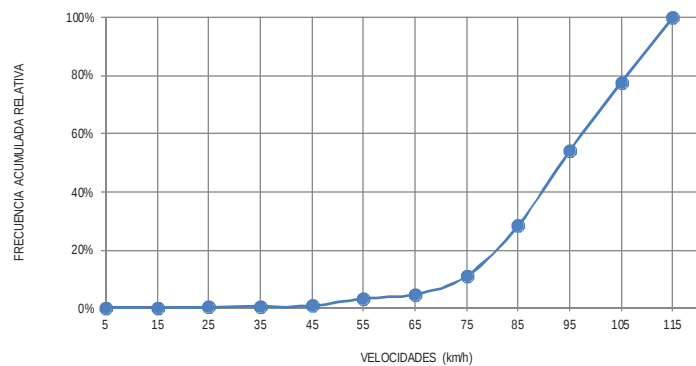
SC: 1





31 Carr: Zapotlanejo - Guadalajara (Cuota)

CLAVE: 14114

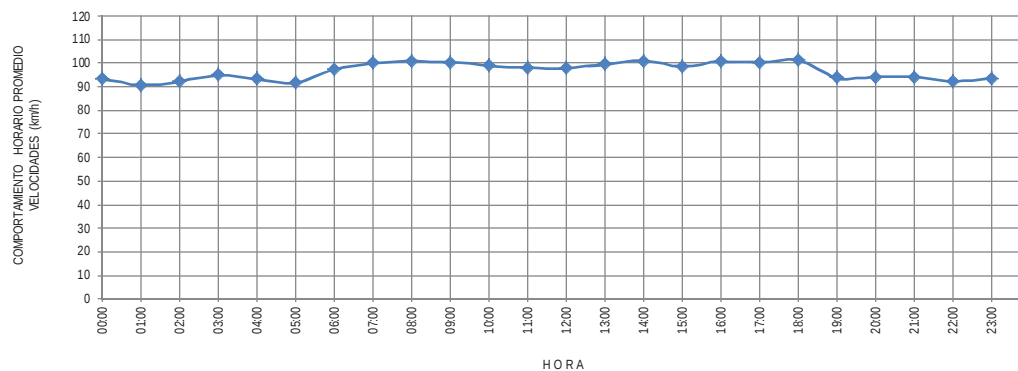


RUTA: MEX-090D

KM: 5.100

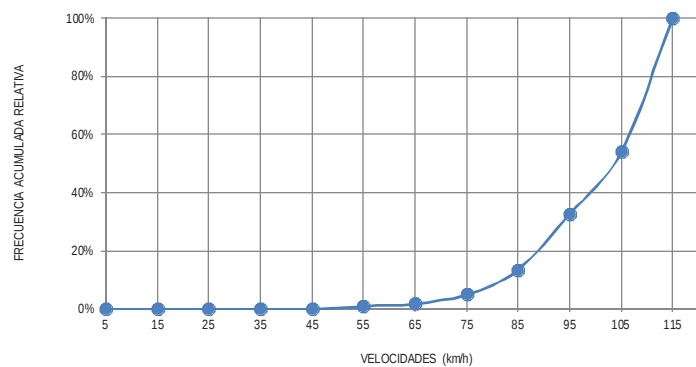
TE: 1

SC: 1



32 Carr: Zapotlanejo - Lagos de Moreno (Cuota)

CLAVE: 14116

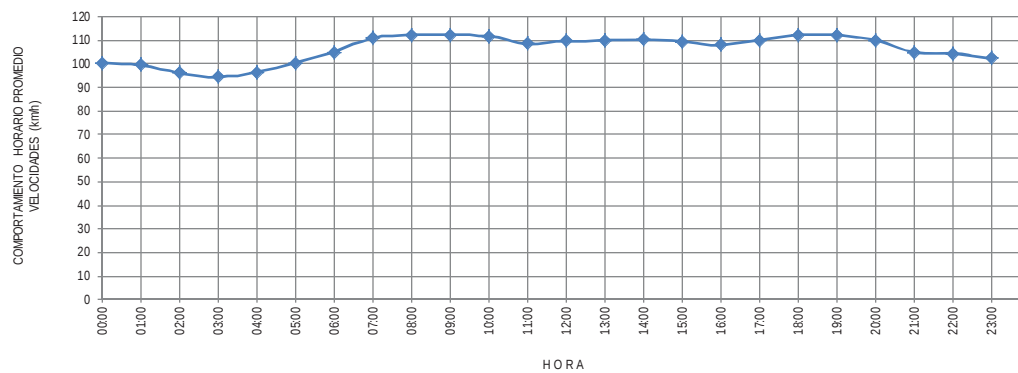


RUTA: MEX-080D

KM: 0.000

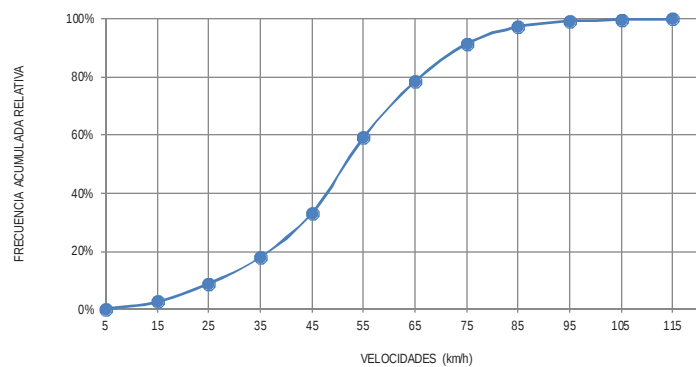
TE: 3

SC: 1



33 Carr: Acatlán de Juárez - Cd. Guzmán

CLAVE: 14221

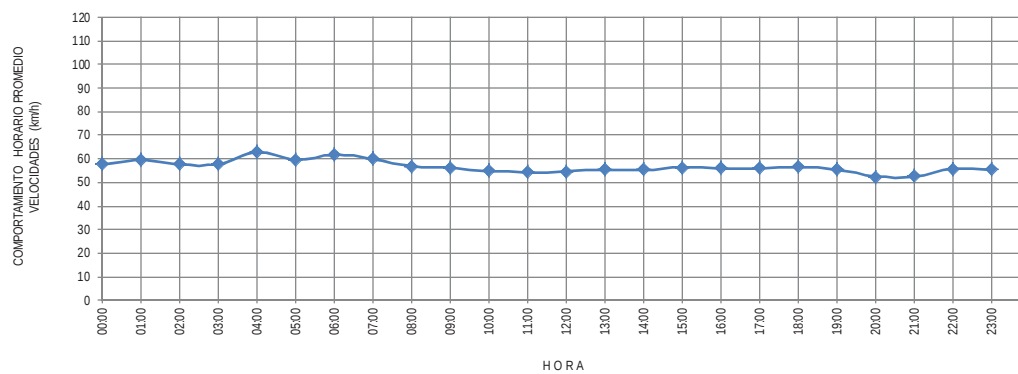


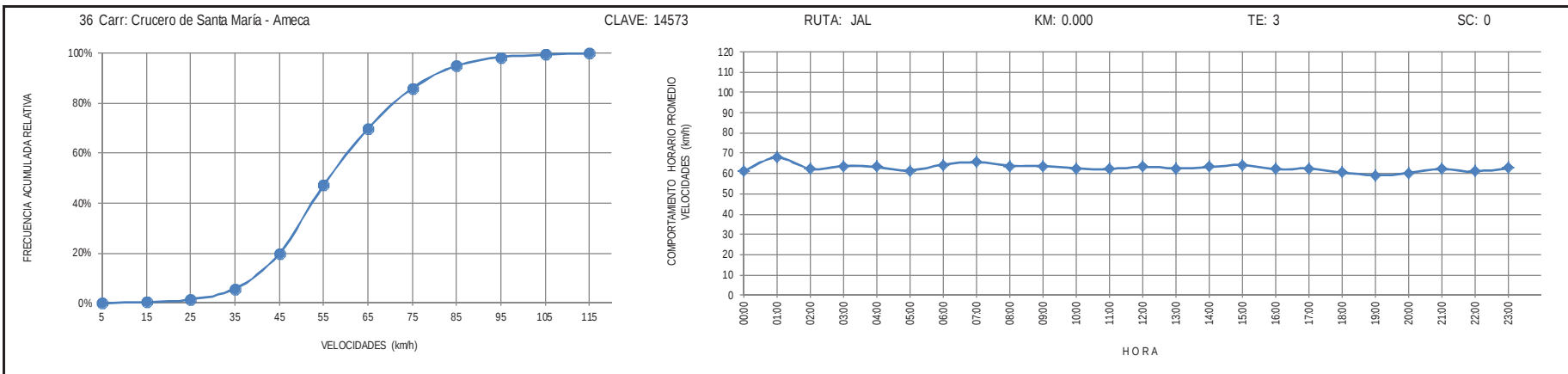
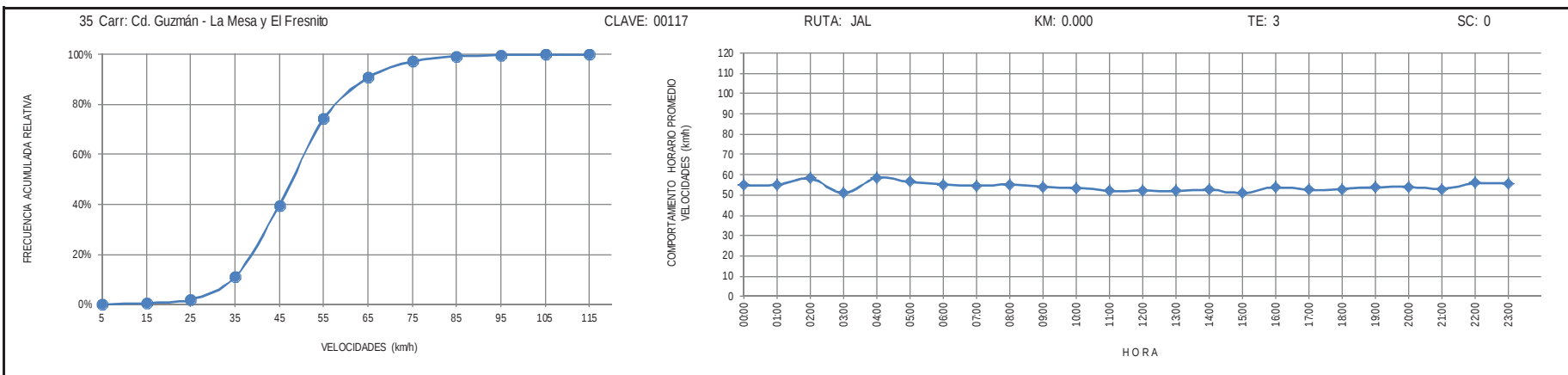
RUTA: JAL

KM: 0.000

TE: 3

SC: 0





37 Carr: El Refugio - San Marcos

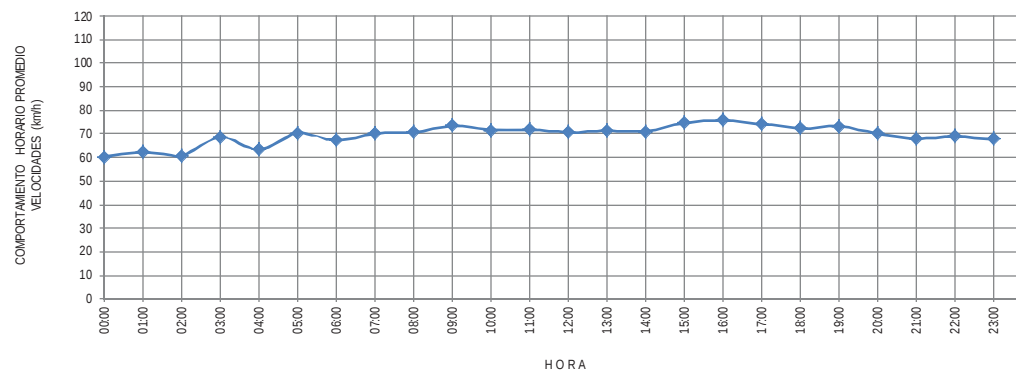
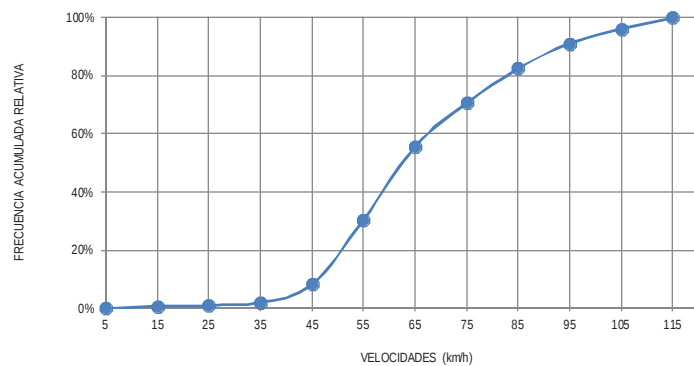
CLAVE: 14027

ruta: JAL-004

KM: 0.000

TE: 3

SC: 0



38 Carr: Ent. Jalostotitlán - Villa Hidalgo

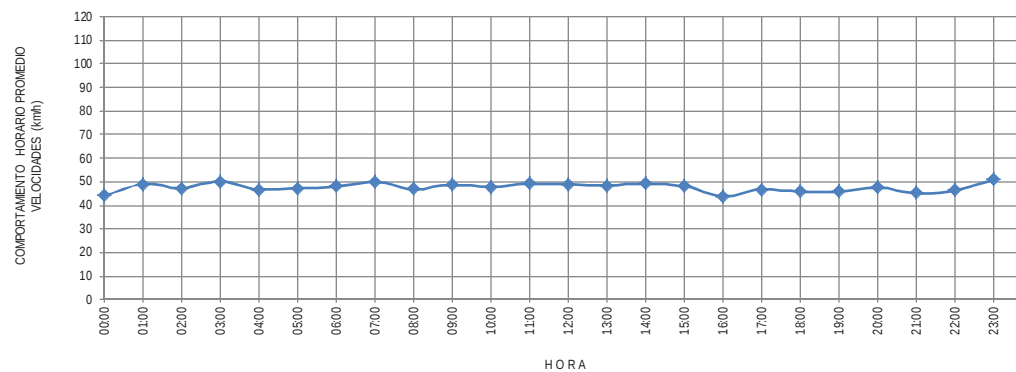
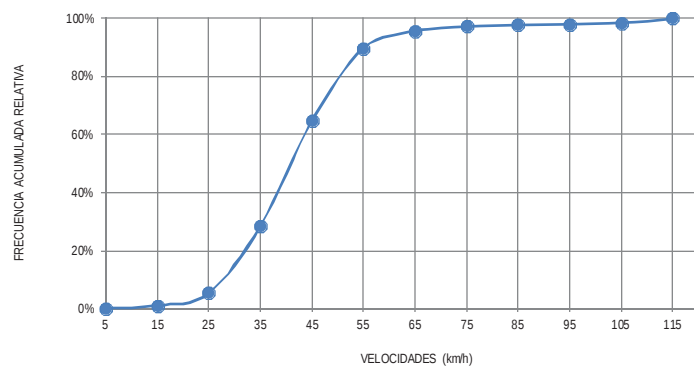
CLAVE: 14009

ruta: JAL-009

KM: 0.000

TE: 3

SC: 0



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

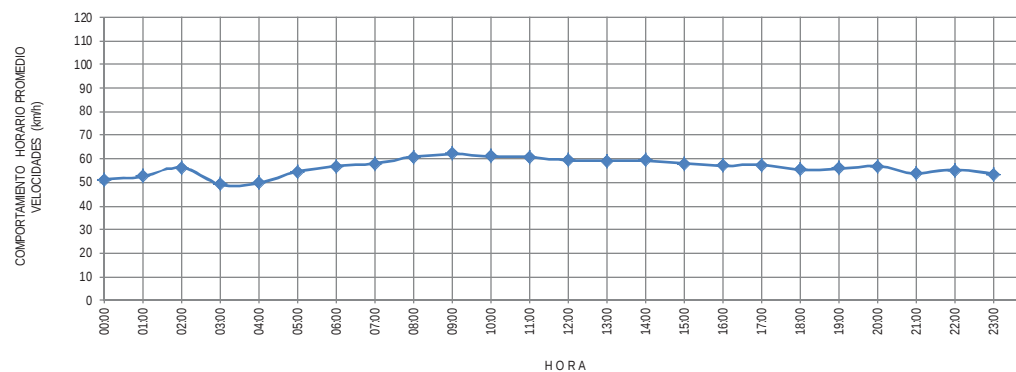
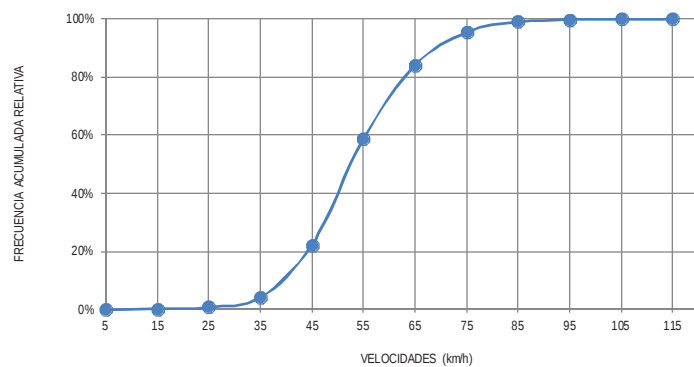
CLAVE: 00126

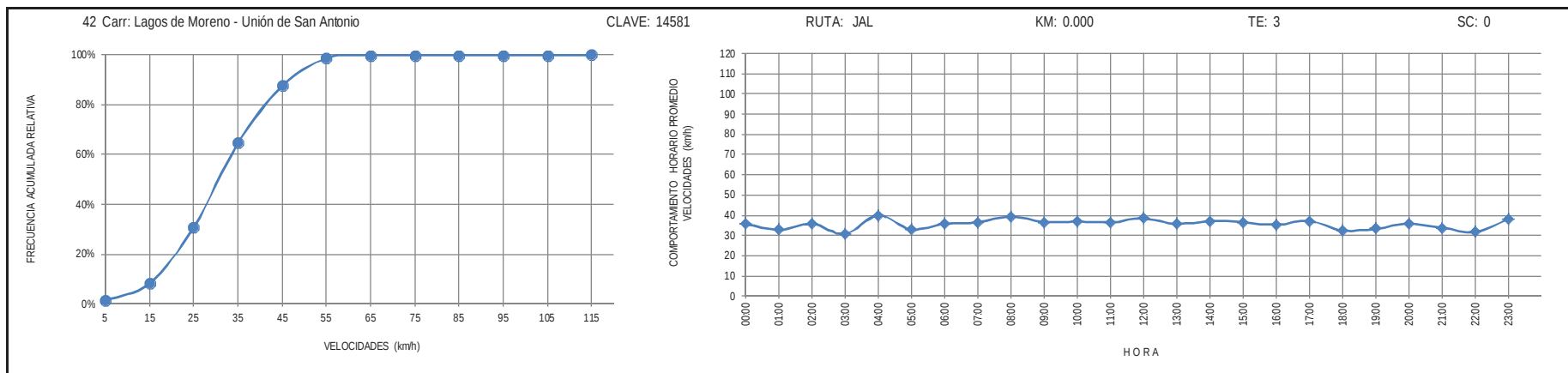
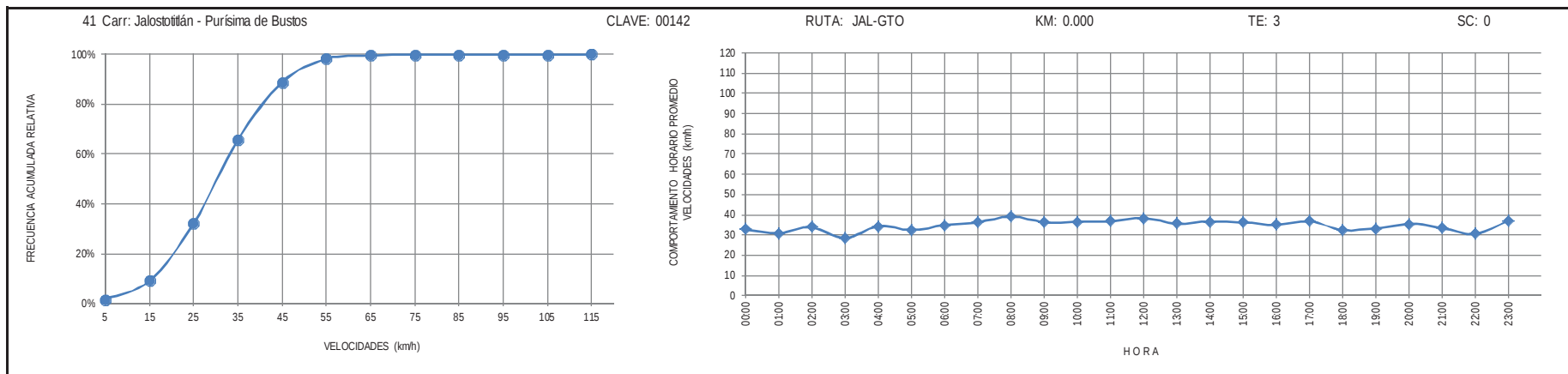
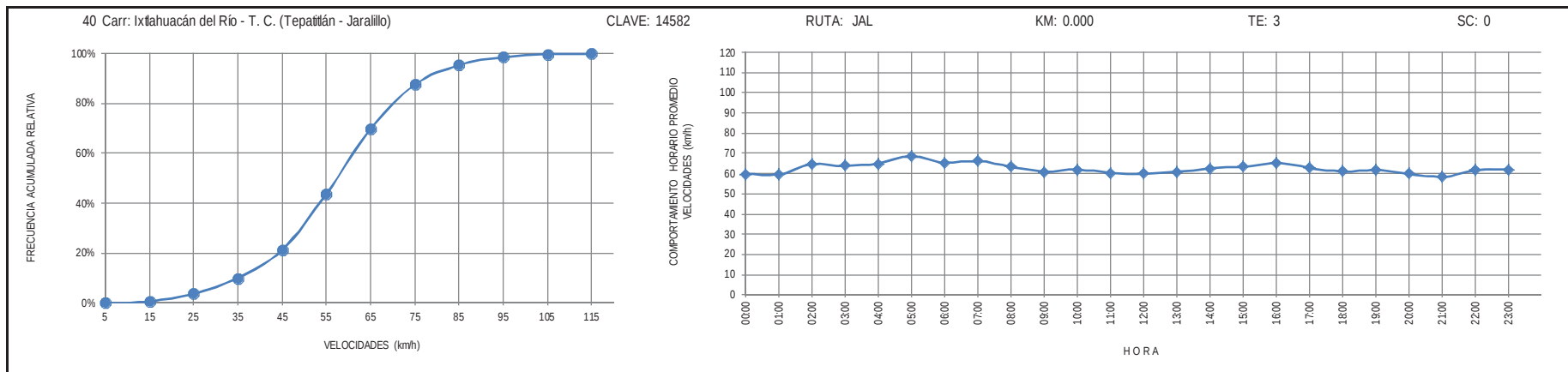
ruta: ZAC

KM: 0.000

TE: 3

SC: 0





43 Carr: León - San Felipe Torres Mochas

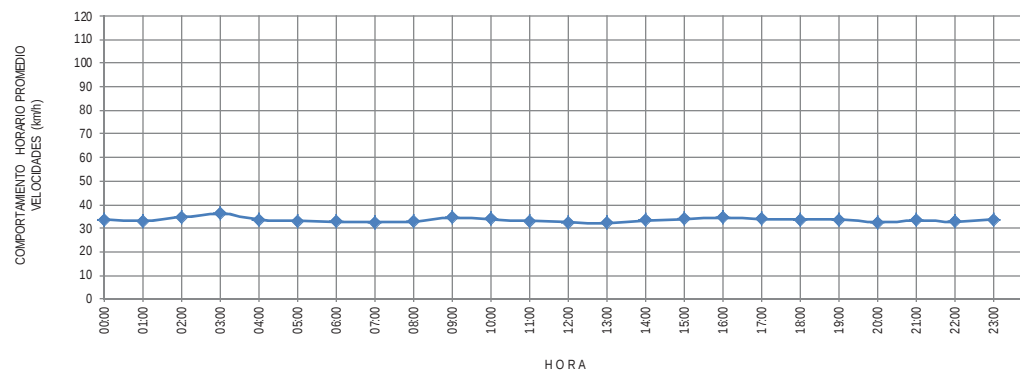
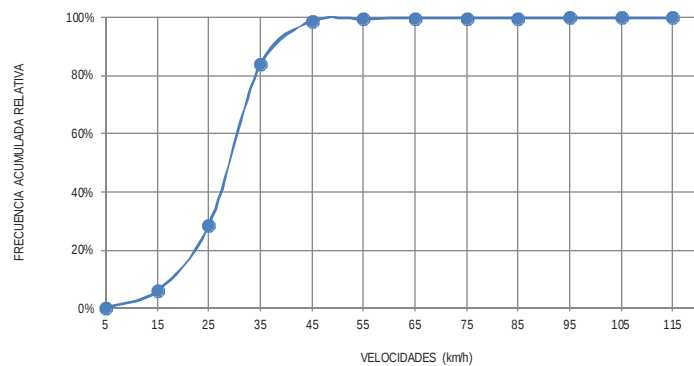
CLAVE: 11036

RUTA: GTO

KM: 0.000

TE: 3

SC: 1



44 Carr: Libramiento de Mazamitla

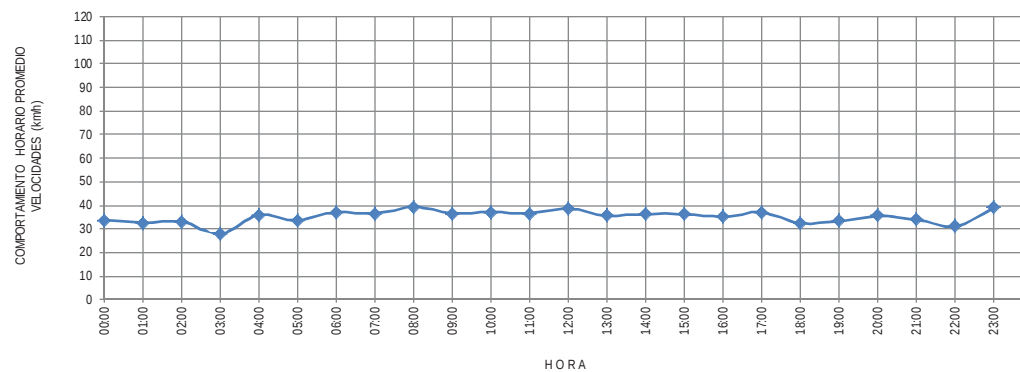
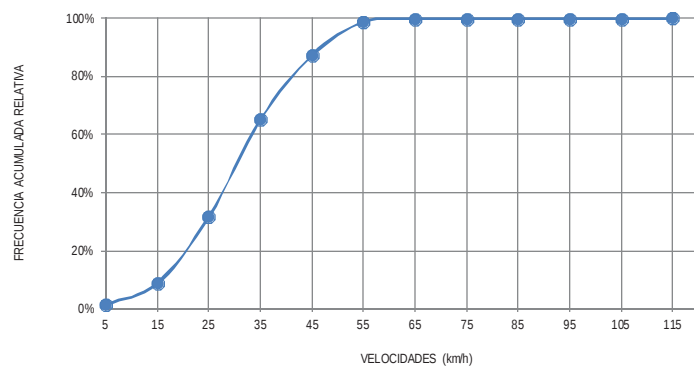
CLAVE: 14014

RUTA: JAL

KM: 3.000

TE: 1

SC: 0



45 Carr: Libramiento de Zapotlanejo

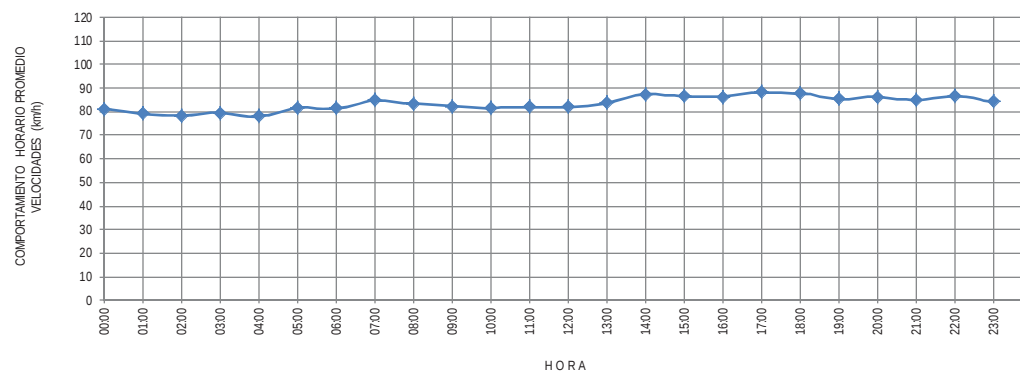
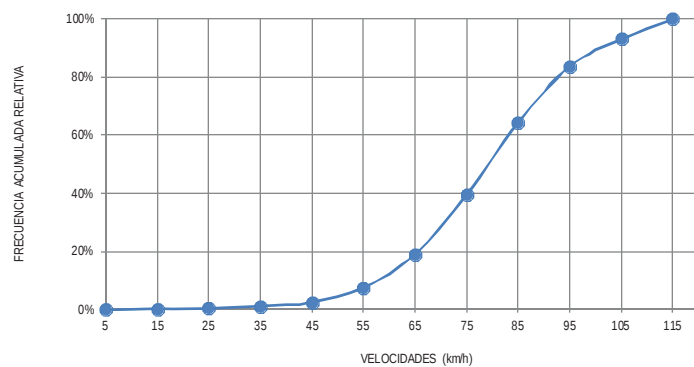
CLAVE: 14013

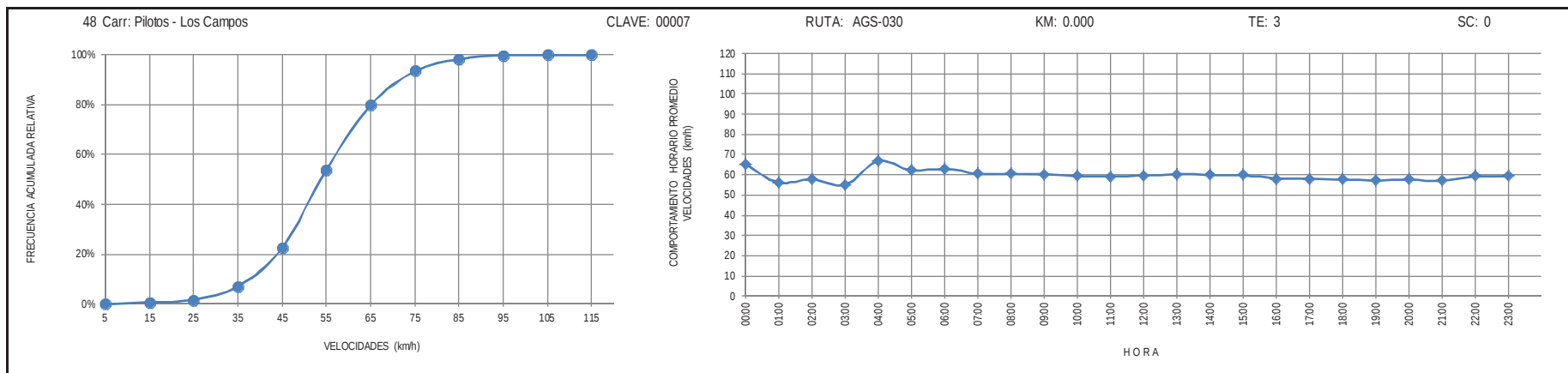
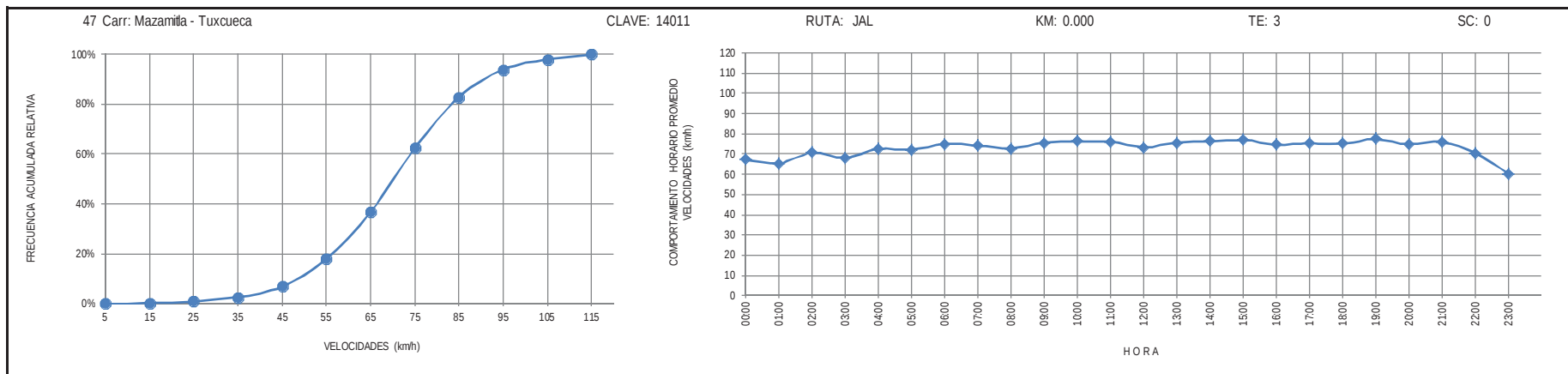
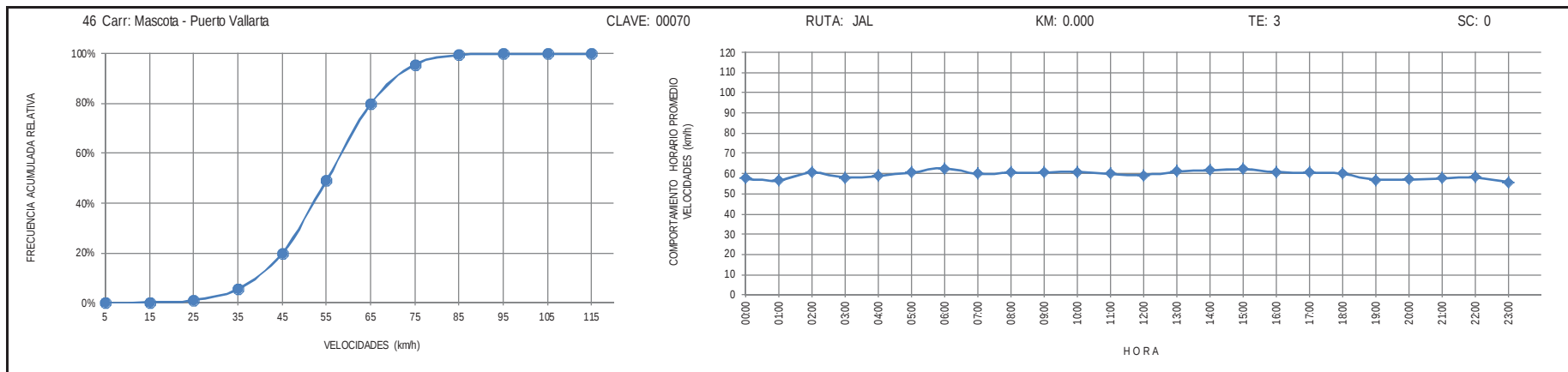
RUTA: JAL

KM: 0.000

TE: 3

SC: 0





49 Carr: Ramal a Jesús María

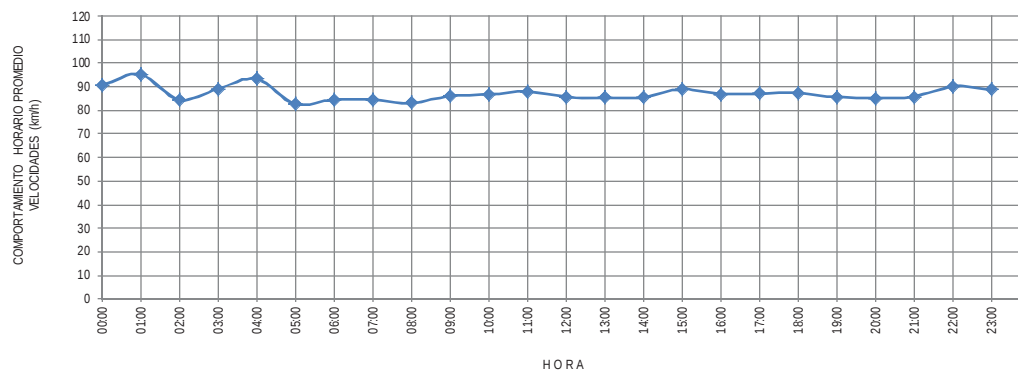
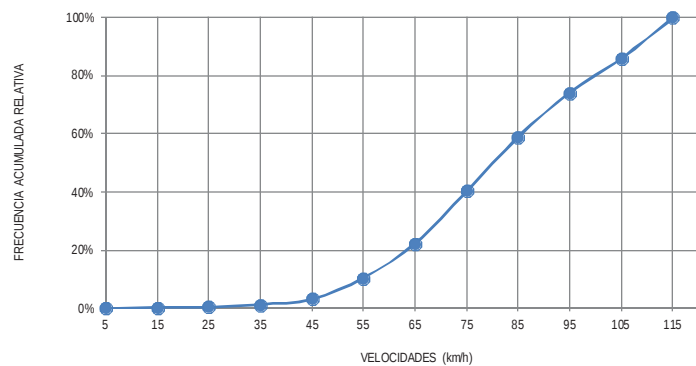
CLAVE: 14004

ruta: JAL-004

KM: 0.000

TE: 3

SC: 0



50 Carr: Ramal a Tapalpa

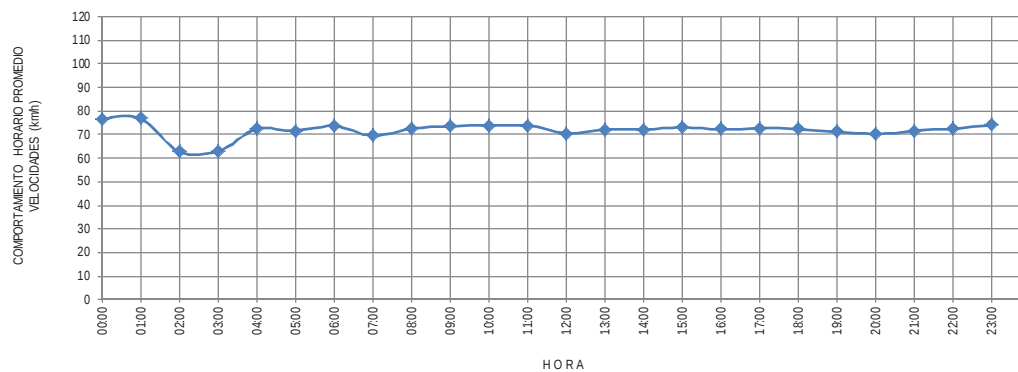
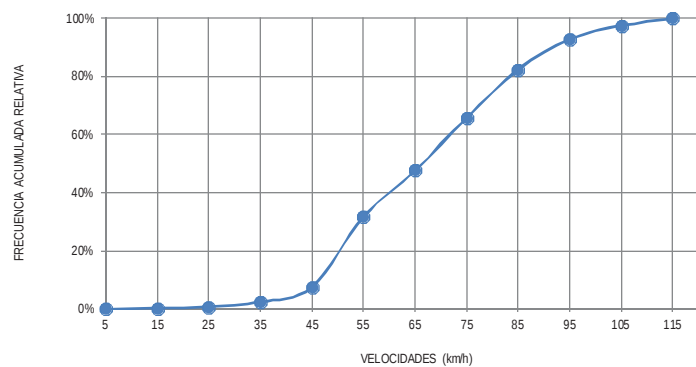
CLAVE: 14022

ruta: JAL-022

KM: 0.000

TE: 3

SC: 0



51 Carr: Ramal a Teocuitlán de Corona

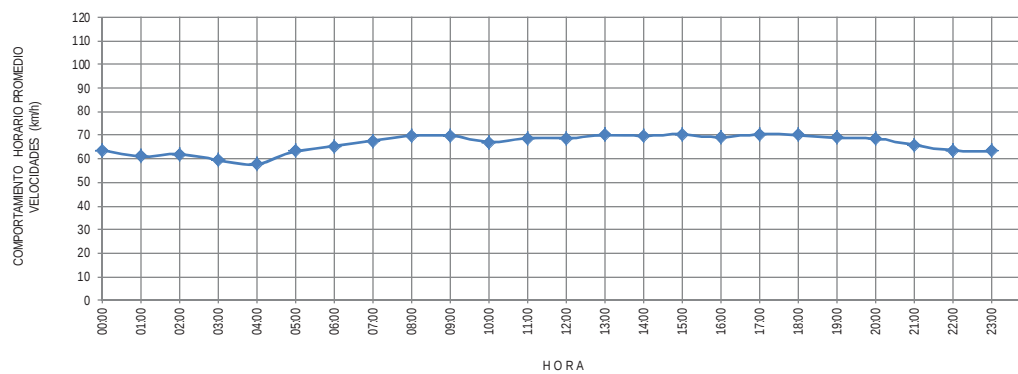
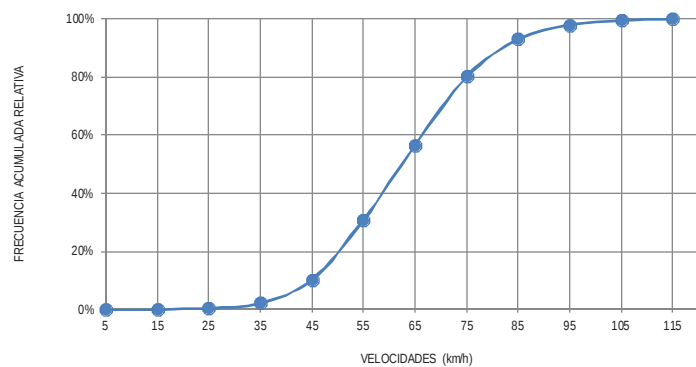
CLAVE: 14566

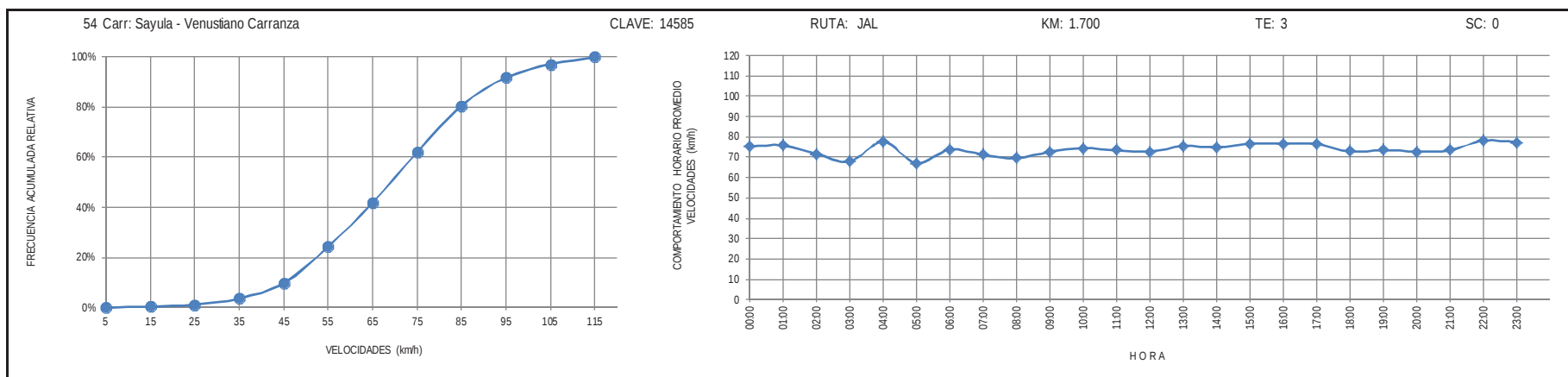
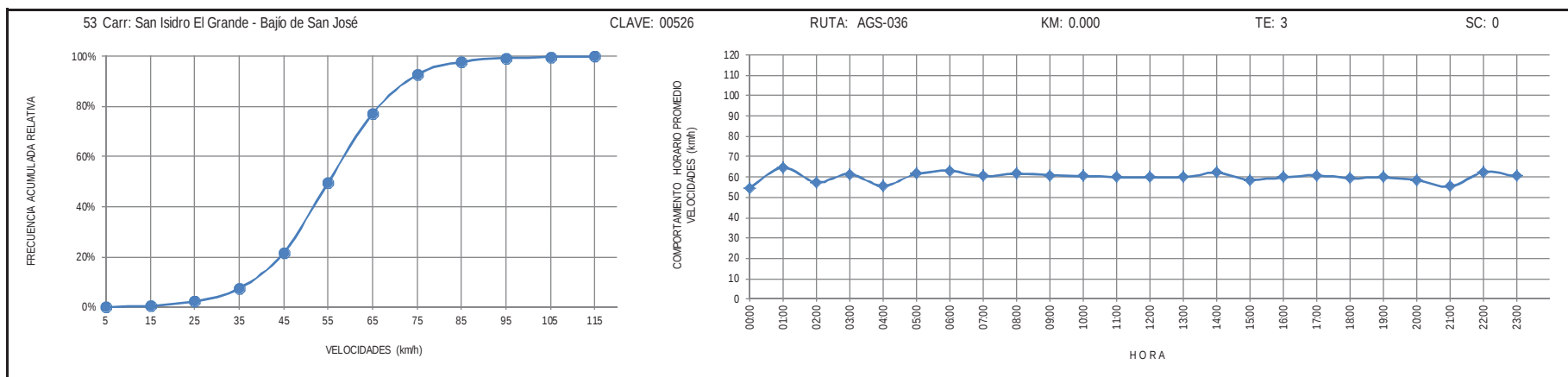
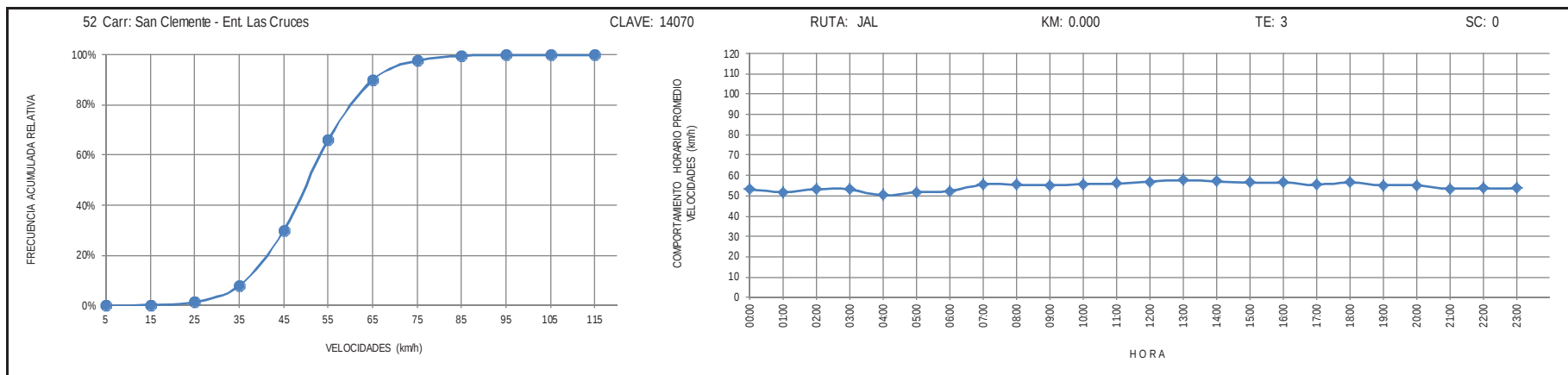
ruta: JAL

KM: 0.000

TE: 3

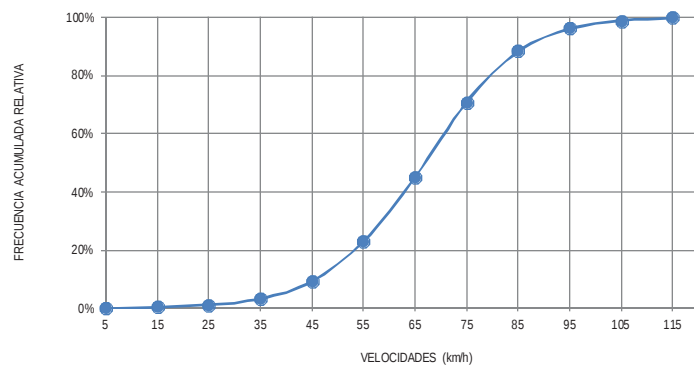
SC: 0





55 Carr: Tototlán - Ocotlán

CLAVE: 14583

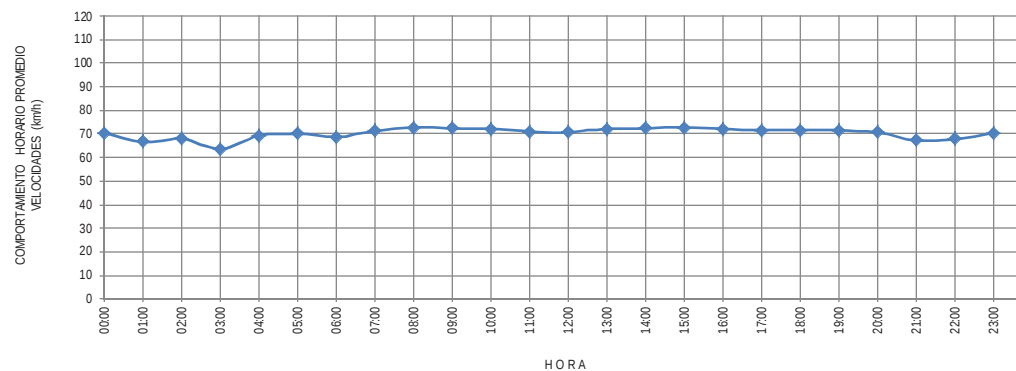


RUTA: JAL

KM: 0.000

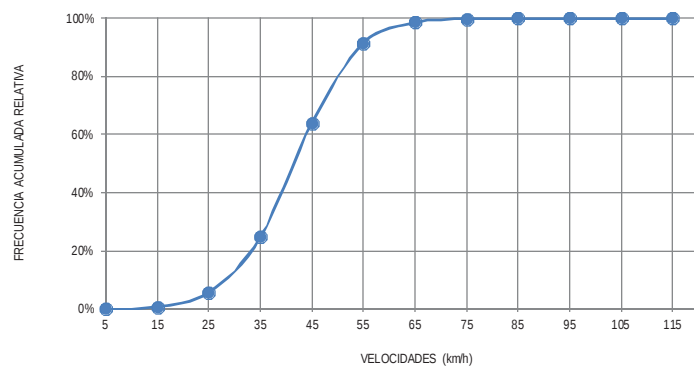
TE: 3

SC: 0



56 Carr: Valle de Guadalupe - Mexicacán

CLAVE: 14593

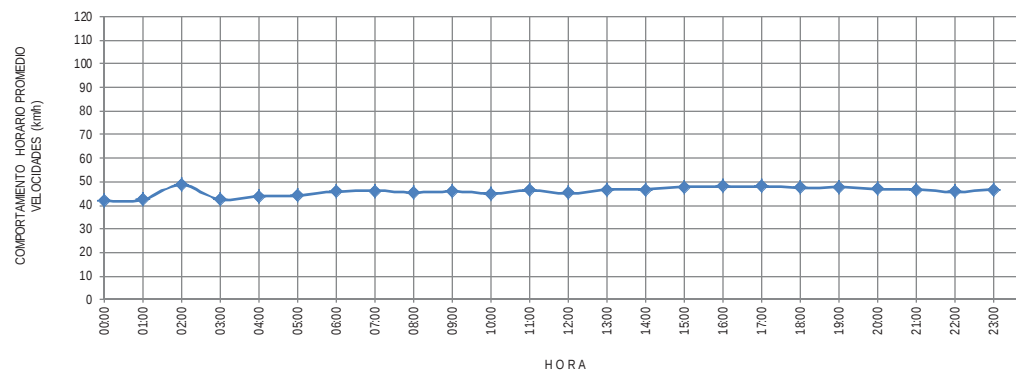


RUTA: JAL

KM: 0.000

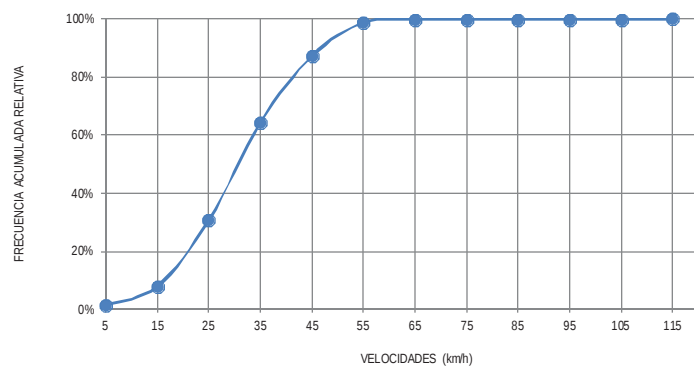
TE: 3

SC: 0



57 Carr: San Miguel El Alto - La Barca

CLAVE: 14005



RUTA: JAL-005-MEX-071

KM: 0.000

TE: 3

SC: 0

