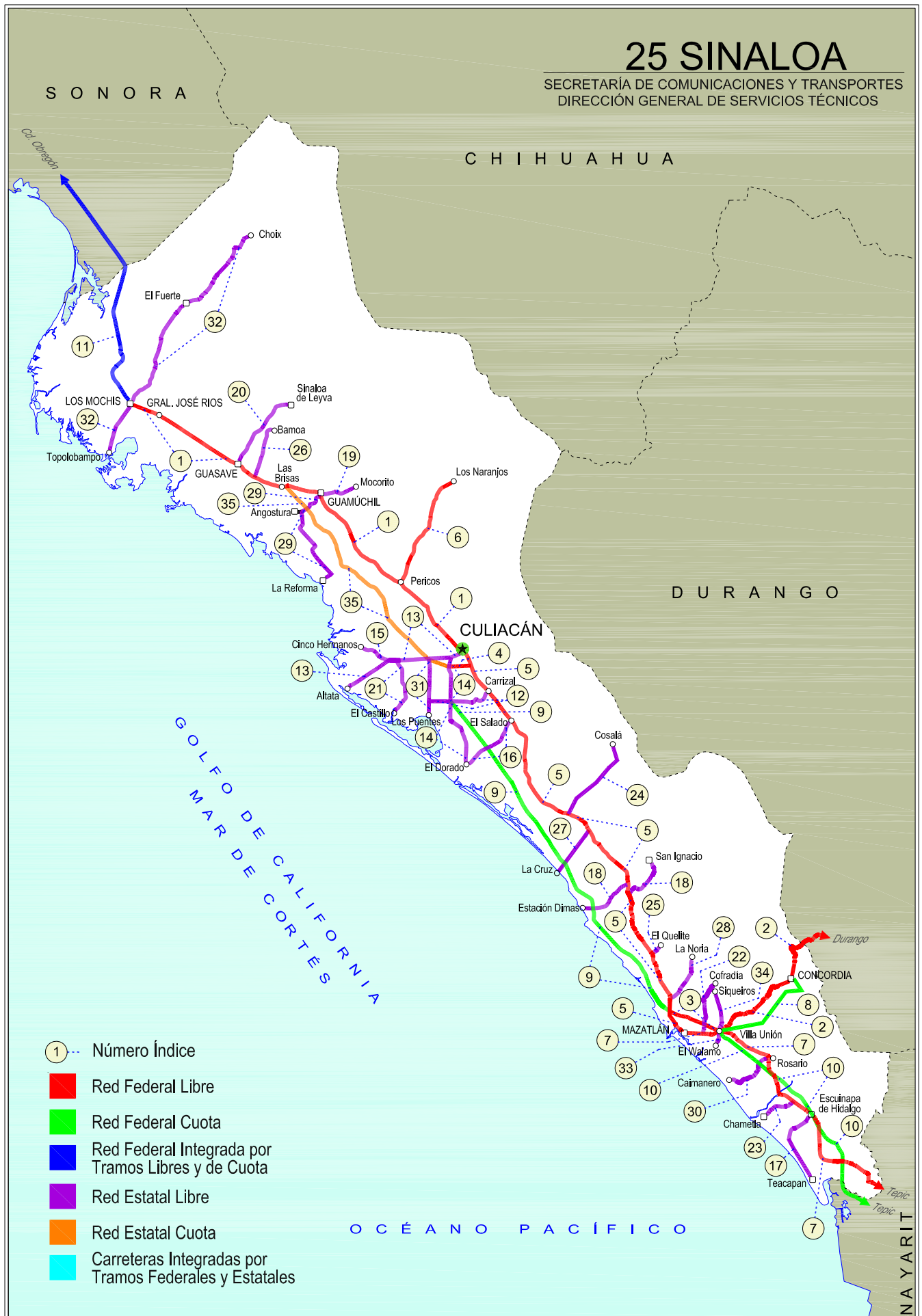


SINALOA

NO. INDICE	CARRETERA	RUTA
---RED FEDERAL LIBRE---		
1	Culiacán - Los Mochis	MEX-015
2	Durango - Villa Unión	MEX-040
3	Libramiento de Mazatlán	MEX
4	Libramiento Sur de Culiacán	MEX-015
5	Mazatlán - Culiacán	MEX-015
6	Pericos - Los Naranjos	MEX-024
7	Tepic - Mazatlán	MEX-015
---RED FEDERAL DE CUOTA---		
8	Durango - Mazatlán (Cuota)	MEX-040D
9	Mazatlán - Culiacán (Cuota)	MEX-015D
10	Tepic - Villa Unión (cuota)	MEX-015D
---RED FEDERAL INTEGRADA POR TRAMOS LIBRES Y DE CUOTA---		
11	Est. Don - Nogales (Cuota)	MEX-015D-015
---RED ESTATAL LIBRE---		
12	Carrizal - Campo Aníbal	SIN-019
13	Culiacán - Altata	SIN-030
14	Culiacán - El Dorado	SIN-005
15	El Limoncito - Cinco Hermanos	SIN-016
16	El Salado - El Dorado	SIN-010
17	Escuinapa de Hidalgo - Teacapan	SIN-001
18	Estación Dimas - San Ignacio	SIN-006
19	Guamuchil - Mocrito	SIN-021
20	Guasave - Sinaloa de Leyva	SIN-023
21	Navolato - El Castillo	SIN-004
22	Pozole - Cofradía	SIN-080
23	Ramal a Chametla	SIN-002
24	Ramal a Cosalá	SIN-008
25	Ramal a El Quelite	SIN-060
26	Ramal a Estación Bamoa	SIN-022
27	Ramal a La Cruz	SIN
28	Ramal a La Noria	SIN
29	Ramal a La Reforma	SIN-004
30	Rosario - Caimanero	SIN-003
31	San Pedro - Campo Aníbal	SIN
32	Topolobampo - Choix	SIN-023
33	Villa Unión - El Walamo	SIN-081
34	Villa Unión - Siqueiros	SIN-063
---RED ESTATAL DE CUOTA---		
35	Culiacán - Las Brisas (Cuota)	SIN-001D

25 SINALOA

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



SINALOA

1 C A R R : Culiacán - Los Mochis

CLAVE: 25502

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
Culiacán	0.00																	
T. Der. Los Monzones	4.00	1	1	9455	71.9	83.0	103.7	12.8	72.3	84.8	113.6	14.9	66.4	79.7	110.2	14.4	24.834212	-107.432892
T. Der. Los Monzones	4.00	1	2	9477	71.8	83.9	102.4	14.0	67.8	80.9	94.0	14.0	64.1	76.1	93.7	13.4	24.834212	-107.432889
Caseta de Cobro Puente Culiacán	22.00	2	1	3274													24.811495	-107.410223
Caseta de Cobro Puente Culiacán	22.00	2	2	3274													24.811495	-107.410223
T. Der. Presa López Mateos	27.20	3	0	7672	88.9	96.6	112.1	10.3	88.9	101.0	117.9	13.1	83.1	94.7	112.2	13.1	24.993541	-107.569110
X. C. Pericos - Los Naranjos	43.60	3	0	7505	89.7	101.7	120.7	13.0	88.7	99.0	110.6	12.0	80.6	92.4	113.0	13.5	25.093803	-107.698312
Guamuchil	104.70	1	0	7346	85.9	98.8	119.0	13.4	84.3	96.0	107.9	12.7	79.9	92.6	112.9	14.0	25.427231	-108.057618
Guamuchil	104.70	3	1	8008	62.4	69.8	83.1	9.1	59.6	66.6	78.3	9.4	56.0	63.5	78.4	9.2	25.466609	-108.089180
Guamuchil	104.70	3	2	8109	69.3	77.9	93.2	10.4	66.6	74.7	89.2	10.0	61.1	69.9	88.4	10.3	25.466596	-108.089183
T. Izq. Aut. Culiacán - Las Brisas	121.20	1	0	7278	97.9	110.5	130.9	13.3	95.8	106.7	124.6	11.9	88.1	101.7	124.6	14.5	25.489761	-108.223840
T. Izq. Aut. Culiacán - Las Brisas	121.20	3	1	6600	92.4	110.6	136.6	17.6	93.2	107.6	140.8	15.6	85.9	99.9	138.7	15.2	25.488292	-108.240167
T. Izq. Aut. Culiacán - Las Brisas	121.20	3	2	6694	78.9	96.6	114.2	17.9	76.9	89.9	107.1	14.5	72.5	83.4	102.4	12.8	25.488250	-108.240254
T. Der. Estación Bamoa	133.17	3	1	7118	80.2	110.5	134.4	25.2	79.0	107.7	130.7	24.3	74.0	94.6	128.1	19.5	25.518413	-108.359790
T. Der. Estación Bamoa	133.17	3	2	6905	93.3	110.6	133.6	17.4	87.4	103.8	139.5	19.0	80.8	95.0	136.2	17.2	25.518409	-108.359790
Caseta de Cobro Puente Sinaloa	136.00	2	1	4915													25.577762	-108.455850
Caseta de Cobro Puente Sinaloa	136.00	2	2	4915													25.577762	-108.455850
Guasave	146.28	3	1	11351	94.4	107.7	127.0	13.6	92.2	104.0	117.5	13.3	87.0	99.2	119.8	13.2	25.592371	-108.497474
Guasave	146.28	3	2	11587	93.7	107.1	125.0	14.0	92.2	104.8	121.3	14.1	87.8	98.9	117.7	12.5	25.592371	-108.497476
T. Izq. Los Mochis (1º Acceso)	201.97	1	1	11609	95.0	110.0	131.4	14.7	98.7	114.4	137.6	16.6	87.7	108.2	136.6	19.0	25.799163	-108.936325
T. Izq. Los Mochis (1º Acceso)	201.97	1	2	11609	97.3	114.9	132.0	17.1	100.2	116.9	137.5	17.6	91.0	111.5	126.3	20.4	25.799163	-108.936325
T. Izq. Los Mochis (1º Acceso)	201.97	3	1	10658	73.4	92.4	112.3	17.8	73.7	93.6	136.6	20.0	69.9	85.3	113.8	16.2	25.802301	-108.948639
T. Izq. Los Mochis (1º Acceso)	201.97	3	2	10867	75.8	98.5	120.1	20.7	76.4	100.3	119.0	21.3	72.5	93.2	116.0	19.5	25.802301	-108.948639
T. C. Topolobampo - Choix	205.21																	

2 C A R R : Durango - Villa Unión

CLAVE: 0083

RUTA : MEX-040

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
Durango	0.00	3	0	2188	67.3	75.4	91.1	10.5	62.5	70.2	82.6	9.1	55.8	68.5	84.4	13.2	23.995108	-104.733056
T. Der. Pino	22.86	3	0	1786	86.1	99.7	115.0	14.2	76.9	90.0	108.4	14.3	72.6	87.4	111.3	15.7	23.965824	-104.823398
T. Izq. Estación Navíos	58.42	3	0	1505	83.3	93.3	111.2	11.7	70.3	80.4	91.0	11.8	66.0	80.7	101.3	15.5	23.892133	-105.059494
Llano Grande	77.23	1	0	1688	83.4	97.5	112.3	15.0	77.9	85.7	100.1	10.9	69.7	83.0	101.7	14.4	23.868238	-105.194755
El Salto	99.76	3	0	2057	48.7	58.6	76.9	11.5	43.9	53.0	71.5	12.8	43.4	52.9	68.0	12.9	23.784319	-105.375923
La Ciudad	145.50	1	0	1613	69.8	82.4	102.3	13.5	65.2	76.8	89.4	12.9	62.2	72.6	85.9	11.2	23.731734	-105.668797

SINALOA

2 C A R R : Durango - Villa Unión

CLAVE: 0083

RUTA: MEX-040

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
La Ciudad	145.50	3	0	1422	70.6	81.3	95.9	12.0	66.5	74.7	91.1	10.7	60.4	69.4	83.8	10.6	23.721831	-105.695959
Lim. Edos. Term. Dgo. Ppia. Sin.	198.50																	
T. C. Tepic - Mazatlán	294.40	1	0	4012	77.2	86.0	102.0	11.0	73.1	81.8	93.3	10.2	68.0	80.1	94.7	12.9	23.204701	-106.197922

3 C A R R : Libramiento de Mazatlán

CLAVE: 25604

RUTA: MEX

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. Tepic - Mazatlán	0.00	3	1	23707	52.1	57.4	70.1	8.0	47.5	53.6	64.3	8.5	44.9	51.9	64.4	8.4	23.234201	-106.389755
T. C. Tepic - Mazatlán	0.00	3	2	22201	52.4	60.2	74.1	9.5	48.8	56.6	71.4	10.0	46.5	54.2	71.1	10.0	23.234208	-106.389758
T. C. Mazatlán - Culiacán	5.40	1	1	19977	57.6	64.2	80.5	9.3	54.6	61.0	73.1	7.5	52.6	60.9	76.6	10.1	23.260765	-106.410333
T. C. Mazatlán - Culiacán	5.40	1	2	17861	59.7	65.0	78.7	8.9	53.3	60.4	71.2	8.6	52.0	60.0	73.2	9.8	23.260756	-106.410328

4 C A R R : Libramiento Sur de Culiacán

CLAVE: 25500

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
T. C. Mazatlán - Culiacán	0.00	3	1	11869	79.2	90.1	107.2	12.2	75.2	84.8	102.9	11.3	73.1	84.0	104.3	12.6	24.751781	-107.365519
T. C. Mazatlán - Culiacán	0.00	3	2	11434	79.5	90.8	114.5	12.9	73.5	84.6	124.4	14.0	74.1	85.8	130.3	14.8	24.751783	-107.365516
T. C. Culiacán - El Dorado	8.90	1	1	12128	81.5	93.9	114.4	14.1	84.6	94.6	113.8	12.3	82.0	95.7	117.6	14.8	24.743030	-107.442571
T. C. Culiacán - El Dorado	8.90	1	2	11877	81.6	93.9	114.4	14.0	80.4	92.3	137.3	14.4	73.6	87.4	105.4	14.2	24.743029	-107.442571

5 C A R R : Mazatlán - Culiacán

CLAVE: 25501

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
Mazatlán	0.00																	
T. Der. Libramiento de Mazatlán	6.40	1	1	15332	58.3	65.4	84.4	10.3	51.5	59.8	77.3	10.3	53.7	63.2	102.5	12.6	23.259528	-106.418180
T. Der. Libramiento de Mazatlán	6.40	1	2	14319	51.5	59.0	72.2	9.6	51.9	60.4	78.2	10.3	49.5	59.4	80.4	11.8	23.259518	-106.418172
T. Der. La Noria	10.92	1	0	5316	77.7	91.5	112.9	14.2	74.1	89.5	104.8	14.4	74.0	87.6	109.5	14.0	23.343793	-106.414550
T. Der. La Noria	10.92	3	0	4122	80.1	90.2	105.2	11.5	72.0	81.8	93.5	11.3	70.3	82.3	95.9	13.3	23.354371	-106.414122
T. Izq. Playa Los Cerritos	11.08	3	0	4119	83.7	95.9	114.6	13.3	77.2	86.6	102.2	11.7	75.8	87.2	103.6	12.4	23.360536	-106.418713
T. Der. El Quelite	33.00	1	0	3515	79.0	92.8	110.4	14.3	70.6	81.2	93.7	11.9	70.1	83.2	100.2	14.1	23.530303	-106.503023
T. Der. El Quelite	33.00	3	0	2913	83.5	99.0	115.7	15.2	74.1	88.2	104.7	14.4	73.9	89.3	104.4	15.2	23.532696	-106.504881
X. C. Estación Dimas - San Ignacio	66.77	1	0	2885	83.2	94.3	110.2	12.7	78.2	88.1	102.0	11.7	78.0	87.0	100.0	11.0	23.785667	-106.608526

SINALOA

5 C A R R : Mazatlán - Culiacán

CLAVE: 25501

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
X. C. Estación Dimas - San Ignacio	66.77	3	0	3274	86.6	97.4	114.0	11.9	79.8	87.5	104.0	10.3	79.7	87.9	101.3	10.4	23.795533	-106.612570
T. Izq. Estación Dimas	73.96	3	0	3336	90.8	112.3	137.7	19.0	81.4	102.4	124.0	18.1	83.0	104.1	125.8	18.4	23.840700	-106.614088
T. Der. Elota	91.92	3	0	2677	85.6	100.3	119.7	14.8	75.4	90.6	104.0	15.2	71.5	90.2	104.0	18.4	23.964299	-106.722848
T. Izq. La Cruz	105.21	3	0	3739	85.2	97.7	125.2	13.8	79.4	88.7	137.8	13.7	77.4	87.7	117.5	12.9	24.057932	-106.798492
El Salado	175.24	1	0	5130	91.5	103.8	126.8	13.6	84.4	95.2	127.2	13.0	79.6	90.9	114.0	13.2	24.491585	-107.147318
El Salado	175.24	3	0	6762	82.4	93.0	113.3	12.1	75.7	84.8	104.6	11.2	73.0	84.1	104.2	12.8	24.514306	-107.166386
T. Izq. Libramiento de Culiacán	210.40	1	1	7339	82.8	98.1	122.0	15.6	79.5	94.1	119.2	15.6	72.8	89.9	118.7	16.9	24.747497	-107.353898
T. Izq. Libramiento de Culiacán	210.40	1	2	7400	77.7	89.4	108.8	12.9	72.2	84.0	104.4	13.7	67.7	80.8	100.7	14.0	24.747493	-107.353895
Culiacán	215.30																	

6 C A R R : Pericos - Los Naranjos

CLAVE: 25598

ruta: MEX-024

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
Pericos	0.00	3	0	2744	73.5	84.6	104.2	12.7	70.5	83.6	104.8	14.5	67.3	80.9	104.7	14.0	25.095081	-107.684206
Badiraguato	37.50	1	0	2065	42.1	49.3	62.8	8.8	38.9	46.9	58.2	9.5	39.4	48.7	61.5	10.1	25.347885	-107.559022
Naranjos	66.00																	

7 C A R R : Tepic - Mazatlán

CLAVE: 00499

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 (Alta)	0.00	3	1	9742	52.4	54.2	64.9	6.2	49.7	54.7	70.9	9.0	50.4	53.6	63.9	7.5	21.511836	-104.905598
Tepic (Baja)	0.00	3	1	9600	40.4	44.4	55.9	7.5	36.6	41.1	51.7	6.1	37.7	48.0	54.2	9.6	21.511836	-104.905596
Tepic (Baja)	0.00	3	2	9489	46.6	53.6	72.3	9.3	42.7	51.7	64.4	10.3	42.3	52.4	71.4	12.3	21.511806	-104.905900
Tepic (Alta)	0.00	3	2	9287	50.7	57.5	73.9	9.4	52.5	61.0	88.6	11.2	49.4	54.9	78.4	10.2	21.511805	-104.905910
T. Izq. Libramiento de Tepic	2.56	1	1	15951	62.4	72.3	89.2	11.4	64.9	73.7	92.9	10.9	62.5	72.1	92.0	11.2	21.519375	-104.917391
T. Izq. Libramiento de Tepic	2.56	1	2	16088	36.5	41.3	52.5	6.6	36.2	41.6	52.4	6.6	36.1	45.5	53.8	8.7	21.519357	-104.917408
T. Izq. Aut. Tepic - Ent. San Blas (Cuota)	3.70	3	0	7513	60.3	80.2	103.8	18.8	51.7	74.4	102.2	19.4	51.4	68.9	104.3	17.1	21.536245	-104.932580
Los Otates	19.80	3	0	3931	54.2	62.7	79.2	9.7	48.2	56.7	71.1	11.7	48.3	55.5	72.6	12.2	21.636303	-104.969646
T. Izq. Jumatán	28.52	1	0	4431	57.0	68.3	96.7	11.4	58.0	72.6	97.2	13.6	56.7	63.4	92.7	9.3	21.669114	-105.016822
T. Izq. Jumatán	28.52	3	1	6466	54.3	54.5	73.5	4.8	50.8	53.8	70.4	8.5	50.8	53.9	74.5	9.4	21.667062	-105.031227
T. Izq. Jumatán	28.52	3	2	6459	54.0	54.6	76.2	5.8	52.5	54.3	73.1	7.2	52.0	54.3	74.4	8.0	21.667082	-105.031212
T. Izq. San Blas	33.54	1	1	6873	77.4	93.3	105.9	18.7	78.3	85.9	94.1	10.4	65.0	79.0	92.7	14.6	21.682109	-105.045215
T. Izq. San Blas	33.54	1	2	7232	92.1	101.0	113.6	10.4	88.3	94.9	107.3	9.9	82.4	92.0	105.7	11.0	21.682108	-105.045216

SINALOA

7 C A R R : Tepic - Mazatlán

CLAVE: 00499

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
T. Izq. San Blas	33.54	3	1	7213	82.4	94.3	112.1	14.8	82.7	94.5	111.7	14.2	77.7	92.9	112.0	16.2	21.699739	-105.053272
T. Izq. San Blas	33.54	3	2	7243	75.9	90.4	109.4	15.0	75.7	91.1	108.9	15.4	71.4	89.3	111.2	17.7	21.699739	-105.053272
T. Izq. Villa Hidalgo	48.12	1	0	6786	71.4	83.4	104.6	13.2	71.0	83.2	101.8	12.9	67.5	78.9	101.0	12.6	21.805725	-105.102295
T. Izq. Villa Hidalgo	48.12	3	0	6160	67.7	80.5	94.9	13.7	67.8	77.2	89.2	11.0	64.9	74.3	89.8	11.2	21.808622	-105.103328
T. Izq. Santiago Ixcuintla	56.42	1	0	7196	75.6	84.2	102.3	10.2	73.8	83.4	95.0	10.8	71.4	80.4	94.4	10.6	21.854230	-105.152681
T. Izq. Santiago Ixcuintla	56.42	3	0	6397	73.1	82.0	98.7	10.3	70.0	79.3	94.6	11.0	67.0	75.8	91.8	10.7	21.859016	-105.156006
T. Izq. Tuxpan	70.60	1	0	8560	66.4	74.2	89.2	9.8	62.9	70.2	84.5	9.8	59.5	67.2	91.2	11.1	21.944545	-105.213948
T. Izq. Tuxpan	70.60	3	0	8538	69.2	82.8	100.3	14.8	72.4	83.1	98.1	11.9	67.4	76.2	93.8	11.4	21.956848	-105.221572
T. Der. Rosa morada	90.70	3	0	4732	66.1	82.5	102.4	15.5	56.7	69.2	89.1	12.4	55.3	69.3	88.9	13.8	22.119403	-105.217528
Tierra Generosa	110.40	1	0	3330	84.3	99.9	122.4	15.0	75.6	87.7	102.8	12.0	70.8	83.5	102.9	13.6	22.293079	-105.272768
T. Der. Acaponeta	136.52	1	0	6601	73.9	83.5	100.4	10.9	73.0	82.0	94.1	10.2	70.7	78.9	93.4	10.2	22.478378	-105.385766
T. Der. Acaponeta	136.52	3	0	4723	75.0	84.6	103.7	11.2	71.8	81.1	94.7	11.2	67.7	75.5	96.0	10.7	22.496412	-105.384821
Lim. Edos. Term. Nay. Ppia. Sin.	144.60																	
Escuinapa de Hidalgo	200.00	1	0	8572	59.4	69.6	85.2	11.7	58.0	64.8	80.1	9.5	54.2	62.0	80.7	9.9	22.833605	-105.764091
Escuinapa de Hidalgo	200.00	3	0	6330	66.4	83.8	120.9	17.3	77.0	114.3	142.9	27.3	67.3	91.9	140.0	21.3	22.842597	-105.791013
Rosario	221.71	1	0	7838	54.8	64.2	80.4	10.8	53.1	61.2	73.5	9.6	52.2	60.6	75.0	10.5	22.997165	-105.851796
Rosario	221.71	3	0	5663	73.8	83.6	100.1	11.2	66.7	74.1	85.2	9.5	64.7	73.6	91.8	10.5	23.003361	-105.868553
X. C. Durango - Villa Union (Cuota)	240.90	1	0	5326	85.9	96.3	114.0	11.7	77.5	87.8	100.7	12.0	79.5	88.8	104.8	11.3	23.190045	-106.174107
T. Der. Durango	267.99	1	0	6924	78.9	89.0	104.3	11.5	71.7	80.4	92.8	10.3	70.2	78.9	94.5	10.6	23.189533	-106.202585
T. Der. Durango	267.99	3	1	9125	37.9	44.4	56.0	9.1	35.2	42.0	53.7	7.6	31.1	40.2	53.6	10.3	23.189390	-106.212119
T. Der. Durango	267.99	3	2	9874	41.2	47.8	61.0	8.9	36.4	41.5	53.2	7.0	33.3	40.4	54.2	8.6	23.189384	-106.212132
Villa Unión	269.52	3	1	9359	57.0	62.5	73.6	7.6	53.0	59.2	66.4	7.9	49.3	54.6	65.2	8.4	23.190155	-106.222097
Villa Unión	269.52	3	2	9354	56.5	64.0	77.3	9.5	48.5	54.9	66.9	9.4	48.1	54.9	69.4	9.6	23.190160	-106.222108
T. Der. Libramiento de Mazatlán	288.87	1	1	11178	74.0	85.4	102.6	12.9	72.4	85.7	101.1	13.9	66.9	79.8	100.0	12.9	23.226906	-106.384685
T. Der. Libramiento de Mazatlán	288.87	1	2	11185	76.2	84.6	100.2	10.7	71.7	81.6	93.4	11.4	68.4	78.9	94.1	11.8	23.226829	-106.384629
Mazatlán	292.00																	

8 C A R R : Durango - Mazatlán (Cuota)

CLAVE: 00084

RUTA: MEX-040D

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
Libramiento de Durango	21.30	3	0	2022	89.3	103.6	126.1	14.9	76.9	92.6	122.9	15.8	70.8	89.3	115.0	17.8	24.003275	-104.740690
Caseta de Cobro Durango	22.20	2	0	1635													24.006442	-104.730541
Ent. Otinapa	44.50	1	0	1936	111.6	129.2	142.7	16.6	90.1	109.5	138.7	21.5	93.2	114.6	140.2	20.6	23.982114	-104.945902
Caseta de Cobro Llano Grande	78.10	2	0	2080													23.868855	-105.205733

SINALOA

8 C A R R : Durango - Mazatlán (Cuota)

CLAVE: 00084

ruta: MEX-040D

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. Dgo. Ppia. Sin.	157.40																	
Concordia	213.60	3	0	1031	90.4	102.8	119.0	13.4	77.8	92.4	104.2	14.4	73.2	88.2	110.7	15.7	23.255053	-106.053739
Villa Unión	229.70	1	0	875	96.6	113.1	137.6	15.9	79.1	93.0	102.8	16.5	79.1	97.4	128.1	18.4	23.198472	-106.169973

9 C A R R : Mazatlán - Culiacán (Cuota)

CLAVE: 25045

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
Ent. Venadillo	0.00	3	1	3289	91.7	103.0	120.2	12.9	86.8	94.0	104.0	9.8	79.8	88.5	102.1	10.4	23.298048	-106.414731
Ent. Venadillo	0.00	3	2	3129	111.0	131.4	143.3	18.1	102.8	115.0	137.8	13.7	95.6	109.2	137.5	14.2	23.298077	-106.414640
Caseta de Cobro Mármol	25.15	3	1	2951	103.1	113.9	133.0	12.5	89.9	98.9	113.7	11.1	76.7	90.9	116.7	14.1	23.477340	-106.576597
Caseta de Cobro Mármol	25.15	3	2	2915	105.2	115.9	133.5	12.0	92.9	102.3	115.5	11.2	82.4	94.1	117.2	13.4	23.477341	-106.576597
Caseta de Cobro Costa Rica	187.80	3	1	3359	100.7	113.5	132.8	14.2	91.9	100.9	112.1	10.8	76.8	86.1	105.0	11.2	24.577063	-107.435773
Caseta de Cobro Costa Rica	187.80	3	2	3180	97.4	109.6	126.4	13.1	91.7	100.8	113.2	11.0	75.6	87.5	105.1	13.2	24.577062	-107.435774
T. C. Culiacán - El Dorado	190.26																	

10 C A R R : Tepic - Villa Unión (cuota)

CLAVE: 00500

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
Tepic	0.00																	
Caseta de Cobro El Pichón	4.70	1	1	5201	89.2	109.7	134.5	20.0	77.4	93.2	109.7	17.0	72.3	92.6	112.7	20.5	21.562640	-104.973967
Caseta de Cobro El Pichón	4.70	1	2	5405	73.2	95.5	122.3	21.1	49.3	70.9	89.1	20.3	47.2	67.9	96.5	20.2	21.562631	-104.973950
Caseta de Cobro El Pichón	4.70	2	1	4662													21.571682	-104.987528
Caseta de Cobro El Pichón	4.70	2	2	4662													21.571682	-104.987528
T. C. Tepic - Mazatlán	21.00	1	1	4773	98.5	112.2	131.9	14.4	90.8	100.0	115.7	11.4	85.0	97.5	119.2	13.3	21.650324	-105.024363
T. C. Tepic - Mazatlán	21.00	1	2	5161	115.3	128.8	142.5	13.1	107.3	116.7	134.2	11.1	105.2	118.2	137.0	13.9	21.650381	-105.024345
T. C. Tepic - Mazatlán	24.50	3	0	4583	109.4	122.7	140.0	14.0	98.2	108.4	130.1	11.7	96.8	108.1	128.7	12.5	21.714563	-105.060538
Est. Ruíz	54.90	1	0	3703	91.6	103.1	120.8	12.7	82.3	91.4	110.9	11.0	75.5	87.0	110.4	12.5	21.948239	-105.112797
Est. Ruíz	54.90	3	0	3641	110.4	126.9	142.1	16.6	98.5	106.6	130.7	11.5	92.2	102.5	129.1	12.5	21.960762	-105.122671
Rosa morada	73.50	1	0	3750	111.5	126.6	142.0	15.3	99.4	107.0	131.2	11.4	92.2	103.9	132.2	14.1	22.084168	-105.210321
Rosa morada	73.50	3	0	3341	116.0	131.8	143.2	14.8	103.5	114.2	139.1	12.2	96.7	107.8	137.0	12.9	22.093857	-105.222290
Acaponeta	120.20	1	0	3348	79.0	91.5	112.6	14.2	74.0	82.9	131.3	12.4	66.9	73.7	115.4	11.0	22.446989	-105.418411
Caseta de Cobro Acaponeta	120.20	2	0	2782													22.454352	-105.419106
Acaponeta	120.20	3	0	2373	87.8	103.6	130.7	16.2	79.7	92.9	115.1	14.2	67.9	82.8	109.3	15.0	22.456744	-105.428426

SINALOA

10 C A R R : Tepic - Villa Unión (cuota)

CLAVE: 00500

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
Lim. Edos. Term. Nay. Ppia. Sin.	132.80																	
Escuinapa de Hidalgo	208.60	1	1	1921	105.0	121.6	139.8	16.5	92.9	99.7	114.9	9.4	88.9	95.5	120.1	10.8	22.852619	-105.748208
Escuinapa de Hidalgo	208.60	1	2	1904	87.0	96.1	109.8	11.6	79.6	83.8	93.4	8.2	76.9	82.0	90.6	7.5	22.852623	-105.748211
Escuinapa de Hidalgo	208.60	3	0	3852	102.3	115.9	134.6	14.8	91.3	96.5	114.9	9.9	81.3	91.6	113.3	12.5	22.859180	-105.754719
Rosario	220.68	1	0	3307	78.4	90.9	109.0	13.5	71.7	82.4	95.4	12.2	62.1	73.6	94.0	13.4	22.980710	-105.873406
Caseta de Cobro Rosario	220.68	2	0	3570													22.984689	-105.877932
Rosario	220.68	3	0	3726	80.8	93.8	113.8	14.7	72.0	81.1	102.8	11.6	62.1	73.7	100.7	13.7	22.988141	-105.882411
Villa Unión	240.90	1	0	3853	96.1	109.4	127.8	13.6	95.4	104.6	124.6	11.5	83.1	92.2	104.8	11.0	23.185883	-106.174238

11 C A R R : Est. Don - Nogales (Cuota)

CLAVE: 26444

RUTA: MEX-015D-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
T. C. Topolobampo - Choix	0.00	3	1	6996	55.7	54.1	67.7	2.1	55.3	53.9	62.1	1.1	55.1	53.8	61.0	1.1	25.833410	-108.973623
T. C. Topolobampo - Choix	0.00	3	2	7121	55.7	54.2	67.9	2.1	55.2	53.8	60.9	0.9	55.1	53.8	61.1	1.1	25.833410	-108.973623
T. Izq. Ahome	17.13	3	1	7205	72.0	92.0	112.0	19.4	75.2	93.0	107.7	17.9	72.9	87.2	103.5	15.9	25.943980	-109.052975
T. Izq. Ahome	17.13	3	2	7171	78.4	93.2	112.2	15.2	78.1	94.7	109.9	17.3	76.7	89.2	103.7	13.5	25.943980	-109.052975
T. Izq. Coahuilbampo	19.00	1	1	6783	84.2	102.9	123.5	17.9	83.6	98.3	113.7	14.9	79.4	90.8	109.9	12.9	25.959165	-109.053626
T. Izq. Coahuilbampo	19.00	1	2	6675	83.4	103.1	122.1	20.0	84.4	100.4	113.2	16.5	79.3	92.3	109.3	14.4	25.959163	-109.053623
T. Izq. Coahuilbampo	19.00	3	1	5625	78.1	91.9	108.6	14.6	76.7	91.0	103.2	15.3	74.2	83.9	96.8	11.6	25.961930	-109.052681
T. Izq. Coahuilbampo	19.00	3	2	5670	75.6	93.8	111.9	17.8	78.0	94.8	109.9	17.6	74.4	86.0	101.8	13.0	25.961928	-109.052681
Poblado Chico	50.00	3	1	4356	45.5	65.8	90.2	22.2	58.3	65.9	134.2	13.6	56.8	66.8	114.6	12.6	26.228086	-109.054612
Poblado Chico	50.00	3	2	4405	109.3	131.7	143.3	19.0	105.7	127.0	142.7	19.2	99.8	112.9	140.1	14.5	26.228083	-109.054606
T. Der. El Fuerte	54.80	1	1	4459	89.4	102.9	123.7	14.4	92.5	103.5	140.3	14.0	84.8	93.2	132.1	11.2	26.261543	-109.044817
T. Der. El Fuerte	54.80	1	2	4475	89.5	104.5	122.5	16.2	85.9	99.8	113.0	15.6	81.5	91.7	106.0	12.2	26.261543	-109.044816
T. Der. El Fuerte	54.80	3	1	5348	80.0	102.0	132.8	20.3	84.1	105.3	133.6	20.2	79.0	97.2	129.1	18.4	26.276966	-109.040398
T. Der. El Fuerte	54.80	3	2	5254	86.7	98.6	113.5	12.5	84.6	92.6	102.9	9.6	80.9	88.0	100.4	9.3	26.276965	-109.040397
Lim. Edos. Term. Sin. Ppia. Son.	69.80																	
T. Izq. Huatabampo	128.50	1	1	2981	77.4	94.7	114.7	18.0	85.0	100.8	120.1	15.6	75.9	93.2	116.0	17.3	26.836796	-109.366158
T. Izq. Huatabampo	128.50	1	2	3143	83.8	102.6	124.0	19.0	81.8	99.6	120.2	19.2	73.1	84.9	111.2	14.2	26.836794	-109.366158
Caseta de Cobro Estacion Don (La Jaula)	129.90	2	1	2325													26.849800	-109.373287
Caseta de Cobro Estacion Don (La Jaula)	129.90	2	2	2325													26.849800	-109.373287
Navojoa	155.00	1	1	6146	89.5	105.0	131.7	16.4	91.1	104.6	127.6	15.0	82.3	96.2	122.0	15.2	27.035458	-109.435624
Navojoa	155.00	1	2	6205	89.5	105.0	132.1	16.5	92.5	108.9	130.6	16.4	82.4	98.7	124.0	16.2	27.035464	-109.435637
Navojoa	155.00	3	1	7943	72.9	84.5	100.8	13.1	72.2	82.3	94.4	11.3	64.0	75.4	95.0	12.4	27.105021	-109.447889

SINALOA

11 C A R R : Est. Don - Nogales (Cuota)

CLAVE: 26444

ruta: MEX-015D-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
Navojoa	155.00	3	2	8093	78.8	92.9	110.0	15.0	78.8	91.0	105.0	13.4	69.5	83.1	102.8	14.0	27.105019	-109.447890
T. Izq. Villa Juárez	167.25	3	1	5181	72.2	82.3	121.3	13.2	71.2	79.4	122.6	11.9	66.6	74.4	90.6	10.8	27.155647	-109.508173
T. Izq. Villa Juárez	167.25	3	2	5211	105.3	124.3	142.7	17.3	103.9	124.3	142.7	19.0	98.1	114.1	141.6	16.7	27.155647	-109.508173
Caseta de Cobro Fundición	195.80	2	1	2874													27.320379	-109.719785
Caseta de Cobro Fundición	195.80	2	2	2874													27.320379	-109.719785
T. Der. Fundición	196.30	1	1	4726	81.4	96.3	114.2	16.2	82.1	94.5	107.9	14.7	71.7	83.2	101.8	13.3	27.329475	-109.731142
T. Der. Fundición	196.30	1	2	4488	92.9	103.1	119.0	11.8	90.2	101.0	112.2	12.1	77.0	88.9	107.7	12.3	27.324556	-109.726717
Cd. Obregón	222.70																	
Cd. Obregón	222.70	1	1	13617	59.7	71.1	89.9	12.4	56.1	68.9	88.2	13.1	51.4	60.2	83.0	11.7	27.462457	-109.903419
Cd. Obregón	222.70	1	2	13671	66.7	74.0	89.6	9.6	64.4	71.9	83.8	8.8	61.9	69.5	84.5	10.0	27.462457	-109.903419
Esperanza	230.66	1	1	10269	68.0	76.6	94.8	10.7	67.3	82.5	136.9	17.0	68.5	83.2	127.7	16.8	27.563845	-109.927154
Esperanza	230.66	1	2	10471	67.6	76.3	91.4	10.6	63.3	73.0	85.3	10.9	59.8	70.2	84.3	11.4	27.563845	-109.927154
Esperanza	230.66	3	1	4478	83.3	98.5	119.0	16.0	89.0	104.6	141.5	17.5	79.4	95.9	138.8	17.4	27.596509	-109.931471
Esperanza	230.66	3	2	4476	80.2	98.2	114.5	18.6	82.5	94.2	106.8	13.4	69.2	83.0	104.3	14.6	27.596513	-109.931470
Caseta de Cobro Esperanza	233.40	2	1	2343													27.603715	-109.939118
Caseta de Cobro Esperanza	233.40	2	2	2343													27.603715	-109.939118
T. Der. Estación Corral	236.50	1	1	3570	101.0	115.2	133.9	15.7	97.2	108.7	121.8	13.3	87.6	100.4	123.8	13.3	27.616087	-109.951708
T. Der. Estación Corral	236.50	1	2	3697	94.7	106.1	121.1	12.6	90.4	99.6	111.6	11.2	81.2	90.8	106.0	11.1	27.616086	-109.951703
T. Der. Estación Corral	236.50	3	1	3651	87.3	103.6	121.9	16.9	87.5	100.3	117.0	14.6	78.2	89.5	109.0	13.1	27.618371	-109.963640
T. Der. Estación Corral	236.50	3	2	3659	77.6	111.5	138.1	26.9	81.7	113.1	140.2	27.3	71.7	93.7	132.5	20.3	27.618369	-109.963637
T. Izq. BÁCUM	248.16	1	1	3155	82.9	91.1	102.5	9.8	73.8	80.8	87.7	8.6	72.5	77.8	85.1	7.7	27.599015	-110.076164
T. Izq. BÁCUM	248.16	1	2	3176	105.7	125.3	142.0	19.8	94.3	113.9	139.1	21.9	85.4	101.8	128.9	17.4	27.599015	-110.076164
T. Izq. BÁCUM	248.16	3	1	4738	79.7	103.2	124.5	20.7	82.1	101.2	114.2	19.8	76.6	92.7	114.8	17.1	27.597563	-110.084062
T. Izq. BÁCUM	248.16	3	2	5074	92.2	104.8	122.3	13.6	89.7	100.8	113.6	12.5	82.6	92.9	112.5	11.9	27.597563	-110.084063
VÍCAM	269.98	3	1	5245	72.5	83.4	96.4	12.8	67.7	74.6	89.1	10.0	58.4	69.4	90.1	11.4	27.651519	-110.311800
VÍCAM	269.98	3	2	5444	67.0	79.1	96.0	13.0	54.9	70.8	88.3	15.1	55.3	68.5	88.5	13.4	27.651520	-110.311799
T. Izq. Pótam	280.10	1	1	4480	74.6	90.9	113.7	16.0	61.4	75.4	104.7	14.5	56.8	73.9	106.6	16.3	27.697495	-110.366180
T. Izq. Pótam	280.10	1	2	4738	80.6	93.8	113.0	14.4	72.2	84.7	104.0	13.4	67.1	82.3	104.2	15.4	27.697498	-110.366184
T. Izq. Pótam	280.10	3	1	4342	94.8	104.7	120.8	11.4	87.7	94.9	113.4	11.2	73.8	91.1	114.1	15.8	27.704577	-110.371027
T. Izq. Pótam	280.10	3	2	4826	94.1	105.3	122.3	12.4	76.8	89.6	104.4	12.5	76.2	87.0	106.3	12.0	27.704582	-110.371028
T. Der. Libramiento de Guaymas	330.50	1	1	5909	70.1	83.5	103.5	14.2	67.7	81.1	101.8	13.8	59.9	69.5	93.5	10.1	27.951438	-110.740802
T. Der. Libramiento de Guaymas	330.50	1	2	5980	61.9	74.2	93.1	13.4	60.2	72.7	92.0	13.6	54.1	60.0	81.9	8.5	27.951437	-110.740808
T. Der. Libramiento de Guaymas	330.50	3	0	5682	68.6	77.6	93.7	10.9	66.4	73.5	91.4	9.4	62.2	72.8	92.3	12.1	27.952314	-110.769619
Empalme	337.72	1	0	5841	77.3	90.5	112.0	13.6	76.9	91.4	108.8	14.1	71.5	86.0	112.2	15.3	27.953184	-110.797911
Empalme	337.72	3	1	8147	74.3	83.6	98.2	10.9	71.5	79.9	93.2	9.8	67.4	80.0	97.7	13.0	27.955732	-110.831283

SINALOA

11 C A R R : Est. Don - Nogales (Cuota)

CLAVE: 26444

RUTA: MEX-015D-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
Empalme	337.72	3	2	8395	80.6	92.4	110.5	12.9	78.2	87.8	103.7	10.9	74.5	87.8	108.6	13.6	27.955733	-110.831281
T. Izq. San Carlos	355.70	1	1	6769	91.7	104.4	124.9	13.8	92.3	109.7	124.9	16.5	89.7	104.2	128.4	15.1	27.981685	-110.939484
T. Izq. San Carlos	355.70	1	2	6255	67.7	81.8	101.4	14.4	60.8	80.1	96.3	18.3	60.3	75.3	93.4	15.3	27.981685	-110.939485
T. Izq. San Carlos	355.70	3	1	3276	99.9	114.1	133.2	15.2	100.6	117.2	130.7	17.7	93.6	109.3	132.4	15.5	27.993573	-110.939756
T. Izq. San Carlos	355.70	3	2	3233	107.8	126.6	142.2	18.5	109.8	131.2	143.2	19.5	98.9	124.8	142.6	22.0	27.993572	-110.939756
T. Izq. Bahía Kino	394.00	1	1	5335	101.7	115.2	133.6	15.0	96.8	109.0	123.2	13.6	84.5	100.8	124.2	16.4	28.316175	-111.041750
T. Izq. Bahía Kino	394.00	1	2	5330	101.2	114.5	132.8	14.8	97.0	109.4	123.8	13.7	84.4	101.4	124.4	17.0	28.316175	-111.041750
T. Izq. Bahía Kino	394.00	3	1	4848	104.7	115.2	132.1	12.1	98.5	109.1	122.6	11.8	85.7	96.8	121.2	12.8	28.322047	-111.041811
T. Izq. Bahía Kino	394.00	3	2	4773	99.0	124.9	141.8	26.5	95.4	117.3	137.5	22.8	87.3	105.4	134.8	19.6	28.322041	-111.041814
Hermosillo	473.70	1	1	6321	90.4	102.8	117.7	13.6	89.1	99.8	113.1	12.4	76.2	86.3	107.1	11.8	29.003138	-110.967180
Hermosillo	473.70	1	2	6373	84.3	94.2	109.7	11.2	83.1	92.8	103.5	11.7	73.6	81.9	94.9	9.7	29.003139	-110.967179
Hermosillo	473.70	3	1	14970	95.6	111.2	134.5	15.4	101.0	118.0	140.8	16.7	93.6	112.0	139.0	17.4	29.121184	-110.912129
Hermosillo	473.70	3	2	15191	86.1	96.7	117.0	12.3	86.1	97.5	121.9	12.9	79.8	92.5	116.7	14.4	29.121182	-110.912136
T. Der. Ures	482.30	1	1	11750	104.4	114.5	134.0	11.4	106.5	114.8	133.9	10.6	92.8	110.0	128.3	18.6	29.156012	-110.909473
T. Der. Ures	482.30	1	2	10791	81.7	90.9	105.7	10.8	80.6	89.9	103.2	11.0	75.5	83.6	98.6	9.6	29.155515	-110.909706
T. Der. Ures	482.30	3	1	6915	83.1	95.6	116.1	14.0	84.7	98.4	114.8	13.9	77.6	91.9	111.9	14.4	29.169239	-110.912516
T. Der. Ures	482.30	3	2	6600	88.3	102.5	122.7	14.9	92.6	103.7	121.1	12.7	85.2	97.4	116.4	12.9	29.169239	-110.912515
Caseta de Cobro Hermosillo	488.90	2	1	4751													29.220739	-110.930200
Caseta de Cobro Hermosillo	488.90	2	2	4751													29.220739	-110.930200
T. Der. Pesqueira	506.09	3	1	4889	94.1	104.6	120.6	12.0	90.3	101.7	114.6	13.0	76.4	91.2	112.3	15.3	29.374888	-110.973376
T. Der. Pesqueira	506.09	3	2	5575	80.1	97.4	114.2	16.6	70.0	84.9	101.9	14.6	63.1	77.8	94.6	14.1	29.374895	-110.973381
T. Der. Carbó	542.60	1	1	5097	91.8	102.8	115.8	12.5	84.0	94.9	104.7	12.0	77.1	87.5	102.9	12.0	29.684542	-111.042426
T. Der. Carbó	542.60	1	2	4817	74.6	98.8	119.3	20.9	69.5	90.7	113.3	17.6	66.4	82.7	107.4	14.7	29.684541	-111.042425
T. Der. Carbó	542.60	3	1	4951	101.9	114.7	132.1	14.2	96.6	111.4	124.4	15.5	84.3	100.4	122.8	16.1	29.691730	-111.044007
T. Der. Carbó	542.60	3	2	5351	96.5	109.4	129.9	13.7	94.0	107.9	142.3	16.3	82.6	95.2	138.3	15.2	29.691732	-111.044009
T. Izq. Benjamín Hill	599.10	1	1	5158	95.3	109.9	128.6	14.5	91.5	104.9	122.6	14.4	82.9	98.5	122.1	15.7	30.169828	-111.097142
T. Izq. Benjamín Hill	599.10	1	2	5446	96.3	111.0	129.6	15.2	91.4	107.4	123.7	16.5	82.0	100.0	122.7	17.8	30.169824	-111.097141
T. Izq. Benjamín Hill	599.10	3	1	5013	93.6	107.1	123.3	14.5	90.3	103.3	115.8	14.2	73.6	93.1	115.5	19.3	30.176730	-111.097231
T. Izq. Benjamín Hill	599.10	3	2	5945	83.4	97.1	114.8	14.3	72.6	88.7	105.8	15.8	67.9	82.2	102.3	14.9	30.176719	-111.097230
Santa Ana	640.97	1	1	5607	90.5	104.8	121.5	15.6	87.3	99.2	114.0	12.9	79.5	92.0	114.0	13.3	30.528088	-111.113888
Santa Ana	640.97	1	2	5710	99.1	116.3	134.3	18.1	97.1	110.0	124.5	13.8	89.8	103.2	124.3	14.0	30.527518	-111.114694
Santa Ana	640.97	3	1	5399	70.7	78.1	99.3	10.3	67.2	74.1	102.2	10.5	57.5	69.8	89.6	12.7	30.547750	-111.112000
Santa Ana	640.97	3	2	6157	75.7	94.4	110.6	18.7	78.2	93.0	104.9	16.3	74.3	89.4	105.0	14.7	30.547750	-111.112000
Magdalena de Kino	656.40	1	1	5441	88.8	103.6	122.6	15.8	90.7	102.7	116.3	13.4	83.8	95.2	114.2	13.6	30.621572	-110.982580
Magdalena de Kino	656.40	1	2	5929	84.1	93.9	111.2	11.5	83.8	92.7	105.0	10.1	77.6	85.3	102.4	10.4	30.621571	-110.982580

SINALOA

11 C A R R : Est. Don - Nogales (Cuota)

CLAVE: 26444

ruta: MEX-015D-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
Magdalena de Kino	656.40	3	1	3366	78.7	94.2	115.3	15.5	79.6	94.1	113.5	15.5	72.5	85.8	111.4	14.4	30.647635	-110.946195
Magdalena de Kino	656.40	3	2	3448	77.6	90.0	109.9	13.1	77.3	88.8	105.7	13.1	74.5	84.6	108.5	12.0	30.647633	-110.946196
Imuris	682.70	1	1	6415	49.3	56.2	71.5	9.5	51.8	54.3	63.2	6.6	46.6	52.8	62.6	9.0	30.766686	-110.855122
Imuris	682.70	1	2	6415	49.1	56.0	71.4	9.5	51.9	54.3	63.2	6.4	46.7	52.8	62.8	9.0	30.766688	-110.855122
T. Der. Agua Prieta	683.20	3	1	5182	81.6	102.9	126.9	20.9	82.6	105.6	125.6	22.7	75.4	95.7	122.3	19.7	30.792619	-110.850508
T. Der. Agua Prieta	683.20	3	2	5230	90.7	103.9	122.7	14.8	92.2	104.0	114.3	12.7	81.8	94.5	114.5	15.0	30.792620	-110.850501
T. Izq. Sáric	729.60	1	1	8045	87.5	98.6	113.5	12.1	84.2	96.9	111.1	13.7	78.8	92.5	111.1	13.9	31.177014	-110.968512
T. Izq. Sáric	729.60	1	2	8289	86.7	98.1	113.7	12.4	86.1	97.3	112.4	12.6	81.2	93.6	112.4	14.1	31.177054	-110.968628
T. Izq. Sáric	729.60	3	1	8424	92.5	104.6	123.4	13.6	88.6	103.6	119.8	15.9	82.9	100.1	121.7	17.1	31.189394	-110.972360
T. Izq. Sáric	729.60	3	2	8175	96.1	108.3	126.8	13.0	93.6	106.5	122.5	14.0	90.7	103.4	124.1	14.5	31.189386	-110.972362
T. Izq. Libramiento de Nogales (Cuota)	734.70	3	1	9728	74.2	94.0	111.0	19.4	71.8	92.2	109.7	18.3	67.2	86.1	105.7	15.6	31.239452	-110.962899
T. Izq. Libramiento de Nogales (Cuota)	734.70	3	2	9904	82.3	90.2	103.1	9.5	73.4	81.6	95.0	9.6	71.9	82.1	98.8	11.6	31.239445	-110.962908
T. Izq. Periférico Luis Donaldo Colosio	740.70	1	1	25567	60.4	67.7	83.1	9.5	50.9	61.8	78.6	12.0	54.9	63.0	80.7	9.3	31.279294	-110.940450
T. Izq. Periférico Luis Donaldo Colosio	740.70	1	2	26141	67.0	74.4	92.0	9.7	64.9	73.4	91.2	9.9	61.7	69.9	87.9	10.1	31.279275	-110.940448
Nogales	743.70	1	1	16799	73.3	81.2	94.9	9.5	72.7	81.2	94.8	10.0	65.4	76.7	93.6	12.2	31.281452	-110.939053
Nogales	743.70	1	2	17304	71.5	79.8	94.7	10.1	60.6	66.8	81.5	9.0	61.3	69.1	83.8	9.6	31.281457	-110.939051

12 C A R R : Carrizal - Campo Aníbal

CLAVE: 25585

ruta: SIN-019

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. Mazatlán - Culiacán	0.00	3	0	1849	59.2	68.2	83.7	10.7	55.8	62.6	79.8	8.2	55.5	63.5	83.2	9.5	24.636200	-107.273010
X. C. Culiacán - El Dorado	29.20	1	0	8998	76.9	85.6	103.6	10.8	69.7	77.7	92.2	10.2	70.3	81.8	104.4	13.0	24.590260	-107.440817
X. C. Culiacán - El Dorado	29.20	3	0	1742	79.0	106.6	127.5	22.1	64.5	69.1	133.2	13.2	66.1	89.4	139.2	18.6	24.599442	-107.464024
T. C. San Pedro - Campo Aníbal	32.00	1	0	7713	66.9	75.5	89.1	10.0	60.3	66.7	88.2	9.7	58.1	61.7	80.5	6.6	24.590216	-107.541093

13 C A R R : Culiacán - Altata

CLAVE: 25013

ruta: SIN-030

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
Culiacán	0.00																	
T. Izq. El Dorado	6.20	1	1	25687	58.0	62.9	77.3	7.6	59.4	64.9	90.7	9.4	55.2	60.0	79.4	6.8	24.778778	-107.441060
T. Izq. El Dorado	6.20	1	2	25109	57.3	62.3	74.3	7.1	57.6	62.9	75.0	7.6	54.3	59.2	73.2	6.7	24.778776	-107.441071
T. Izq. El Dorado	6.20	3	1	32438	51.2	55.8	70.9	8.2	46.3	53.0	70.2	8.9	44.9	51.5	64.9	8.0	24.774756	-107.452731
T. Izq. El Dorado	6.20	3	2	32098	59.3	70.6	85.8	12.4	52.1	59.5	73.8	9.5	51.4	54.8	69.9	8.3	24.774754	-107.452731

SINALOA

13 C A R R : Culiacán - Altata

CLAVE: 25013

RUTA: SIN-030

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	8.70	3	1	24605	69.7	77.0	92.0	10.0	66.3	74.6	90.4	10.2	66.6	74.6	93.0	10.5	24.775246	-107.469082
T. Izq. Aeropuerto	8.70	3	2	24455	69.3	75.7	90.0	9.4	66.7	75.4	93.9	10.9	65.6	73.8	92.9	10.3	24.775249	-107.469083
Navolato	32.40	1	1	7581	75.6	84.0	99.3	10.0	69.9	79.8	94.1	11.3	69.0	79.9	98.3	12.3	24.756743	-107.683381
Navolato	32.40	1	2	7825	75.6	84.0	99.5	10.1	70.1	80.3	94.8	11.6	68.7	79.9	97.9	12.5	24.756733	-107.683377
Navolato	32.40	3	1	6225	56.8	64.3	80.6	9.9	53.8	61.9	81.0	9.7	52.2	60.6	79.3	10.5	24.757190	-107.733973
Navolato	32.40	3	2	6163	57.9	64.7	80.3	9.6	54.6	64.9	83.9	11.7	52.5	62.4	81.7	11.6	24.757189	-107.733983
T. Der. 5 Hermanos	38.20	3	1	3029	74.6	83.2	97.8	10.1	66.3	74.1	84.8	9.6	70.9	80.9	94.5	11.2	24.755363	-107.739342
T. Der. 5 Hermanos	38.20	3	2	3038	80.6	90.9	107.8	11.8	75.0	86.0	95.0	12.2	79.0	90.5	110.3	13.2	24.755363	-107.739342
Altata	67.00	1	1	1615	72.0	83.0	102.1	12.6	68.0	74.0	91.1	9.6	69.5	79.1	94.4	11.3	24.640853	-107.927813
Altata	67.00	1	2	1795	67.6	76.9	95.0	11.5	67.0	75.0	101.2	11.7	66.3	76.0	101.6	12.4	24.640851	-107.927813

14 C A R R : Culiacán - El Dorado

CLAVE: 25044

RUTA: SIN-005

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. Culiacán - Altata	0.00	3	1	20879	55.6	62.5	76.5	8.5	51.8	59.4	74.5	9.7	50.8	59.3	74.9	10.6	24.773746	-107.445843
T. C. Culiacán - Altata	0.00	3	2	20395	45.6	53.7	69.8	9.6	41.9	50.0	60.5	9.6	41.7	50.8	63.0	10.9	24.773747	-107.445843
T. C. Libramiento Sur de Culiacán	3.60	3	1	17635	58.0	63.7	73.5	9.3	67.4	76.5	96.4	10.5	55.4	67.4	88.8	13.9	24.740583	-107.453743
T. C. Libramiento Sur de Culiacán	3.60	3	2	17463	68.4	79.5	98.1	12.2	67.3	76.1	95.9	10.3	55.4	68.0	90.0	14.4	24.740583	-107.453743
X. C. Carrizal - Campo Aníbal	21.35	1	1	7741	101.2	115.9	137.7	15.1	98.5	110.5	126.3	13.3	88.8	104.9	130.0	17.2	24.602752	-107.444324
X. C. Carrizal - Campo Aníbal	21.35	1	2	7883	96.7	108.8	130.1	13.0	93.7	103.3	114.6	11.1	85.1	95.8	120.1	12.2	24.602752	-107.444324
X. C. Carrizal - Campo Aníbal	21.35	3	0	6297	98.1	111.8	130.5	14.3	84.3	92.5	106.0	11.4	83.9	94.5	121.9	13.0	24.582903	-107.444499
El Dorado	55.00	1	1	4304	70.4	81.3	100.3	12.4	71.1	81.3	96.6	11.5	66.4	78.9	96.4	13.2	24.336458	-107.370845
El Dorado	55.00	1	2	4253	59.5	66.5	82.1	9.6	51.8	61.0	74.7	11.6	51.9	59.9	73.8	10.3	24.336458	-107.370845

15 C A R R : El Limoncito - Cinco Hermanos

CLAVE: 25016

RUTA: SIN-016

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. Culiacán - Altata	0.00	3	0	2508	68.5	79.1	96.9	12.0	71.2	83.3	102.8	13.4	66.4	79.8	101.7	13.2	24.759472	-107.740831
Cinco Hermanos	16.00	1	0	874	54.7	65.9	83.7	11.9	59.7	69.7	96.9	11.6	55.9	65.9	88.2	11.5	24.808667	-107.855883

SINALOA

16 C A R R : El Salado - El Dorado

CLAVE: 25010

RUTA: SIN-010

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. Mazatlán - Culiacán	0.00	3	0	2490	72.8	84.7	104.5	14.0	72.0	84.3	103.0	13.6	69.2	83.2	103.0	14.7	24.505127	-107.167905
El Dorado	31.00	1	0	3801	65.6	75.5	93.9	11.6	65.5	78.9	98.4	13.5	62.6	74.8	96.7	12.7	24.329908	-107.349665

17 C A R R : Escuinapa de Hidalgo - Teacapan

CLAVE: 25001

RUTA: SIN-001

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
Escuinapa de Hidalgo	0.00	3	0	5431	48.9	57.4	74.6	10.5	48.7	53.1	63.6	7.9	47.6	53.6	71.2	9.9	22.820079	-105.789354
Teacapan	41.00	1	0	2219	43.7	52.0	71.6	9.8	43.2	52.0	62.4	10.0	44.6	52.8	75.2	11.7	22.551234	-105.742214

18 C A R R : Estación Dimas - San Ignacio

CLAVE: 25007

RUTA: SIN-006

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
Dimas	0.00																	
X. C. Mazatlán - Culiacán	23.15	1	0	882	61.9	68.1	80.0	8.5	57.0	62.7	74.8	7.4	56.5	61.7	73.9	6.7	23.839165	-106.615091
X. C. Mazatlán - Culiacán	23.15	3	0	1932	49.4	56.3	74.1	9.9	46.6	53.5	68.8	9.1	47.3	54.2	73.1	10.0	23.790729	-106.610705
San Ignacio	56.00	1	0	1342	56.6	64.4	80.2	9.7	55.3	58.3	69.8	4.7	55.3	60.7	74.6	6.9	23.925157	-106.429368

19 C A R R : Guamuchil - Mocorito

CLAVE: 25021

RUTA: SIN-021

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
Guamuchil	0.00	3	0	5932	64.3	73.7	92.7	10.8	60.7	70.6	84.5	10.8	59.5	68.9	86.4	10.6	25.458099	-108.055632
Mocorito	17.00	1	0	5674	80.4	91.3	110.8	12.3	76.3	87.2	101.0	12.2	76.3	88.5	108.6	13.1	25.471670	-107.945132

20 C A R R : Guasave - Sinaloa de Leyva

CLAVE: 25023

RUTA: SIN-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
Guasave	0.00																	
X. C. Culiacán - Los Mochis	1.15	3	1	4197	69.9	80.4	99.2	11.9	66.2	76.0	93.4	11.6	64.0	75.5	96.4	12.6	25.602271	-108.449526
X. C. Culiacán - Los Mochis	1.15	3	2	4192	67.8	77.5	94.3	11.4	63.5	73.7	92.5	11.8	59.2	69.0	87.0	10.7	25.602272	-108.449526
Sinaloa de Leyva	74.50	1	1	1329	72.4	83.8	103.2	12.8	70.6	81.4	100.9	12.2	61.5	71.7	93.4	10.5	25.829425	-108.232503
Sinaloa de Leyva	74.50	1	2	1302	52.6	60.9	76.6	10.0	47.6	58.2	73.5	11.2	48.9	54.2	70.2	9.9	25.829424	-108.232502

SINALOA

21 C A R R : Navolato - El Castillo

CLAVE: 25004

RUTA: SIN-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
Navolato	0.00	3	0	5058	69.9	85.6	114.4	15.8	69.5	90.4	129.3	17.9	63.3	78.6	106.6	13.6	24.739320	-107.685412
El Castillo	29.00	1	0	1294	64.9	78.7	98.9	13.5	64.2	77.8	94.4	12.3	60.3	69.7	92.4	9.4	24.551340	-107.703463

22 C A R R : Pozole - Cofradía

CLAVE: 25080

RUTA: SIN-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. Tepic - Mazatlán	0.00	3	0	3174	55.9	62.8	74.6	8.6	53.5	58.9	74.1	7.9	51.7	56.1	72.4	8.4	23.194690	-106.259982
Cofradía	9.10	1	0	846	55.1	65.2	84.0	11.4	50.8	59.8	74.7	12.1	51.6	60.5	84.9	11.7	23.324645	-106.255744

23 C A R R : Ramal a Chametla

CLAVE: 25002

RUTA: SIN-002

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. Tepic - Mazatlán	0.00	3	0	2454	47.5	53.5	64.2	8.6	47.4	52.0	54.9	7.4	43.5	50.9	62.7	9.0	22.933654	-105.831908
Chametla	15.00	1	0	1502	50.0	59.1	74.4	11.2	49.3	52.8	62.0	7.6	49.0	58.0	76.6	11.7	22.882894	-105.952085

24 C A R R : Ramal a Cosalá

CLAVE: 25008

RUTA: SIN-008

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. Mazatlán - Culiacán	0.00	3	0	1277	77.7	90.0	105.6	13.2	74.0	86.6	103.0	13.4	69.3	84.8	103.0	14.9	24.068785	-106.803258
Cosalá	53.00	1	0	1376	55.7	62.0	73.0	7.9	56.7	62.3	75.0	7.6	54.9	60.3	73.8	6.6	24.407025	-106.710805

25 C A R R : Ramal a El Quelite

CLAVE: 25060

RUTA: SIN-060

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. Mazatlán - Culiacán	0.00	3	0	1184	48.0	54.1	68.9	8.6	47.4	53.4	63.3	9.4	48.4	53.6	65.0	9.4	23.531829	-106.503253
El Quelite	6.00	1	0	1172	43.6	50.6	62.4	8.5	45.0	50.1	55.7	6.1	44.6	50.9	60.4	7.7	23.552316	-106.471413

SINALOA

26 C A R R : Ramal a Estación Bamoa

CLAVE: 25022

ruta: SIN-022

AÑO : 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
T. C. Culiacán - Los Mochis	0.00	3	0	2975	50.1	54.5	64.7	8.0	45.5	51.3	56.7	7.6	48.7	53.0	63.4	8.3	25.517671	-108.356739
Estación Bamoa	22.50	1	0	1582	65.7	77.3	94.4	12.4	64.0	75.5	107.5	12.3	61.7	71.6	97.9	11.5	25.692734	-108.312041

27 C A R R : Ramal a La Cruz

CLAVE: 25043

ruta: SIN

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. Mazatlán - Culiacán	0.00	3	0	2189	57.2	63.3	74.7	8.4	54.0	60.1	73.9	7.7	54.0	59.2	73.7	7.5	24.054590	-106.796848
La Cruz	18.00	1	0	3257	75.8	87.9	109.4	12.8	75.6	86.0	122.0	13.8	70.3	83.6	105.8	14.3	23.938333	-106.874963

28 C A R R : Ramal a La Noria

CLAVE: 25592

ruta: SIN

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. Mazatlán - Culiacán	0.00	3	0	1118	31.2	36.3	53.2	8.5	34.0	49.7	54.3	12.9	33.8	49.2	54.8	12.6	23.349816	-106.412709
La Noria	25.50	1	0	437	55.1	62.9	75.0	8.6	52.3	54.3	65.8	6.3	54.1	54.5	67.6	4.4	23.502194	-106.320365

29 C A R R : Ramal a La Reforma

CLAVE: 25041

ruta: SIN-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. Culiacán - Los Mochis	0.00	3	0	8829	69.8	77.1	92.9	9.7	69.0	76.1	88.5	9.5	66.0	74.2	92.6	10.2	25.445556	-108.085861
T. Der. La Angostura	14.00	3	0	3030	61.9	73.2	91.0	12.4	60.9	69.9	85.0	10.5	60.6	71.1	93.5	11.9	25.350899	-108.149636
La Reforma	60.00	1	0	3516	68.5	79.5	99.9	12.3	70.0	81.0	100.8	12.5	64.6	77.0	98.8	12.8	25.086856	-108.048172

30 C A R R : Rosario - Caimanero

CLAVE: 25003

ruta: SIN-003

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
Rosario	0.00	3	0	3099	42.0	49.6	62.0	9.4	42.7	50.6	54.6	9.4	37.7	47.2	54.8	10.3	22.983990	-105.874245
Caimanero	30.00	1	0	799	49.2	55.0	67.3	9.2	49.3	52.9	59.3	7.4	48.0	53.5	65.6	8.8	22.880156	-106.068861

SINALOA

31 C A R R : San Pedro - Campo Aníbal

CLAVE: 25600

RUTA: SIN

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. Culiacán - Altata	0.00	3	0	4708	75.3	85.6	104.4	11.9	71.4	81.9	100.7	12.1	67.5	80.4	103.1	13.6	24.766238	-107.547064
Campo Aníbal	24.50	1	0	2352	59.0	69.9	85.2	12.0	54.7	64.1	82.2	10.5	54.7	60.0	79.4	7.4	24.591437	-107.543272
Los Puentes	26.50																	

32 C A R R : Topolobampo - Choix

CLAVE: 25032

RUTA: SIN-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
Topolobampo	0.00	3	1	3122	70.6	80.5	97.0	11.4	65.0	75.2	93.1	11.1	65.6	76.4	95.9	11.9	25.612044	-109.057428
Topolobampo	0.00	3	2	3386	77.3	88.9	108.5	12.5	72.5	82.8	103.2	11.9	70.8	83.1	103.9	12.8	25.612058	-109.057434
Los Mochis	24.00	1	1	10028	50.7	54.3	64.5	7.3	44.7	49.9	56.1	6.3	45.9	50.6	59.6	6.1	25.758683	-108.998803
Los Mochis	24.00	1	2	9856	54.6	60.8	73.1	7.5	49.2	54.8	64.9	8.6	49.2	54.5	65.0	8.5	25.758667	-108.998804
X. C. Los Mochis - Cd. Obregón (Cuota)	29.00	1	1	10322	56.7	63.2	76.3	8.5	54.5	61.6	76.6	8.6	54.8	62.5	80.2	9.1	25.822138	-108.972533
X. C. Los Mochis - Cd. Obregón (Cuota)	29.00	1	2	10295	62.3	68.5	81.2	8.3	54.0	64.0	75.1	12.2	55.5	64.9	80.1	11.3	25.822138	-108.972533
X. C. Los Mochis - Cd. Obregón (Cuota)	29.00	3	1	7622	62.8	69.9	82.9	8.8	62.9	69.9	80.7	8.6	61.2	68.5	82.2	9.4	25.835254	-108.966908
X. C. Los Mochis - Cd. Obregón (Cuota)	29.00	3	2	7557	61.1	71.7	92.3	11.5	62.1	71.3	86.2	10.3	60.8	69.5	85.6	9.6	25.835254	-108.966908
San Blas	65.00	1	1	4307	55.2	66.9	83.2	11.9	55.2	64.9	80.5	10.4	52.9	64.3	83.3	12.7	26.074625	-108.755956
San Blas	65.00	1	2	4305	49.2	59.4	75.5	12.0	49.1	54.7	86.3	11.2	49.2	54.1	78.7	10.3	26.074618	-108.755949
San Blas	65.00	3	1	2168	77.4	94.0	112.6	16.9	74.7	93.5	110.5	18.3	69.1	86.6	104.0	16.1	26.091550	-108.755575
San Blas	65.00	3	2	2168	78.5	91.5	108.6	13.8	78.7	92.9	108.4	15.5	69.9	84.8	104.7	15.5	26.091551	-108.755575
El Fuerte	107.70	1	1	2490	68.1	80.9	98.7	13.8	63.3	77.9	92.1	15.5	59.2	71.0	87.1	11.4	26.398851	-108.623814
El Fuerte	107.70	1	2	2521	67.8	80.7	98.5	13.8	68.3	81.0	93.5	13.0	64.3	75.9	92.7	12.0	26.398851	-108.623814
El Fuerte	107.70	3	0	2186	64.0	76.6	93.9	13.7	62.9	73.6	87.6	11.8	60.8	72.4	89.3	12.0	26.421640	-108.607134
Choix	159.00	1	0	2416	68.7	81.2	101.0	13.6	68.4	77.3	93.8	11.0	66.3	78.2	98.9	12.6	26.695362	-108.332934

33 C A R R : Villa Unión - El Walamo

CLAVE: 25081

RUTA: SIN-081

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
Villa Unión	0.00	3	0	2698	58.6	69.4	85.8	12.2	56.4	58.5	73.4	4.9	57.9	69.4	87.9	12.0	23.182355	-106.219988
El Walamo	7.00	1	0	2451	62.1	73.1	90.5	12.5	59.5	64.8	77.3	7.8	61.8	73.4	92.4	12.2	23.144292	-106.237068

SINALOA

34 C A R R : Villa Unión - Siqueiros

CLAVE: 25063

RUTA: SIN-063

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
Villa Unión	0.00	3	0	2697	36.8	43.0	54.5	8.0	41.8	51.0	68.8	11.5	37.7	49.2	54.8	11.7	23.196687	-106.212751
Siqueiros	11.00	1	0	776	44.9	53.5	67.7	10.8	47.4	53.1	64.3	9.1	50.1	53.2	62.2	7.7	23.335027	-106.238929

35 C A R R : Culiacán - Las Brisas (Cuota)

CLAVE: 25503

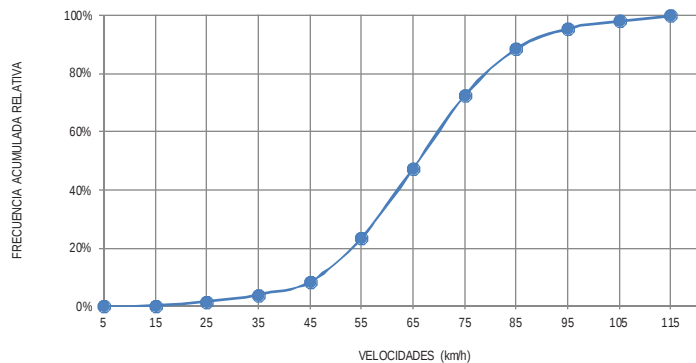
RUTA: SIN-001D

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. Culiacán - El Dorado	0.00																	
Caseta de Cobro Culiacán	1.50	3	1	2492	85.4	94.1	111.5	10.9	73.3	80.8	91.3	9.2	62.7	73.7	95.0	12.2	24.749936	-107.467427
Caseta de Cobro Culiacán	1.50	3	2	2466	92.9	105.8	124.3	14.1	83.1	93.2	106.4	11.4	75.8	85.0	106.3	11.4	24.749929	-107.467442
X. C. Culiacán - Altata	14.70	3	1	3152	114.0	127.2	141.3	13.4	105.9	118.9	133.0	14.0	100.6	114.3	137.4	14.3	24.772180	-107.582957
X. C. Culiacán - Altata	14.70	3	2	2935	106.1	119.2	137.2	13.5	96.4	105.9	114.5	10.9	88.2	97.3	114.7	10.9	24.772180	-107.582957
X. C. Ramal a La Reforma	110.00	1	1	2895	89.9	113.3	131.3	23.3	80.8	98.4	116.7	18.7	79.7	97.0	124.8	17.4	25.389858	-108.124212
X. C. Ramal a La Reforma	110.00	1	2	3020	99.5	111.4	127.9	13.1	84.4	95.0	111.7	12.4	80.0	98.3	122.3	16.8	25.389858	-108.124212
T. C. Culiacán - Los Mochis	125.70	1	1	3010	108.3	125.6	142.5	17.1	94.1	105.9	139.8	14.0	89.4	104.9	138.7	15.9	25.485033	-108.229369
T. C. Culiacán - Los Mochis	125.70	1	2	2869	97.3	119.5	139.7	20.4	91.7	110.5	123.7	20.2	85.7	106.0	135.9	20.7	25.485033	-108.229369

1 Carr: Culiacán - Los Mochis

CLAVE: 25502

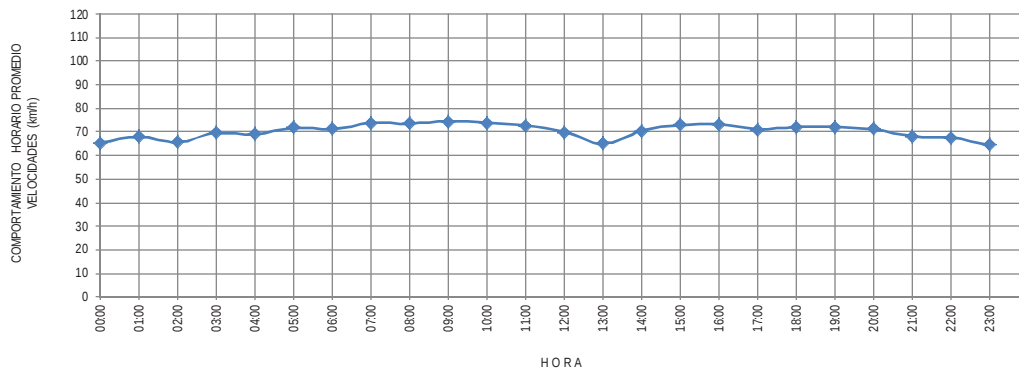


RUTA: MEX-015

KM: 4.000

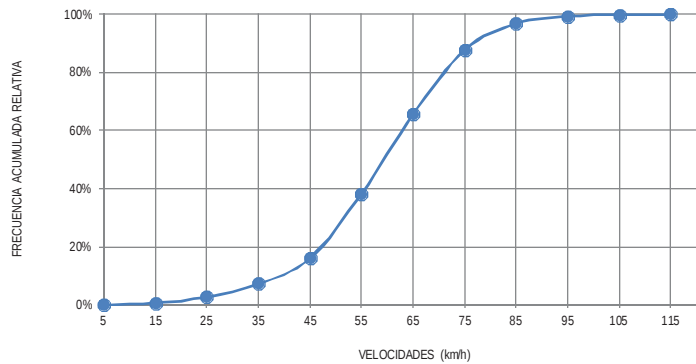
TE: 1

SC: 1



2 Carr: Durango - Villa Unión

CLAVE: 0083

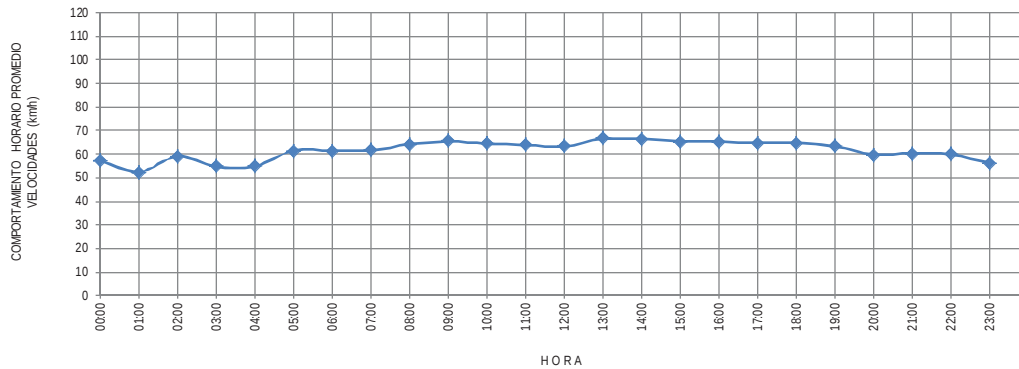


RUTA: MEX-040

KM: 0.000

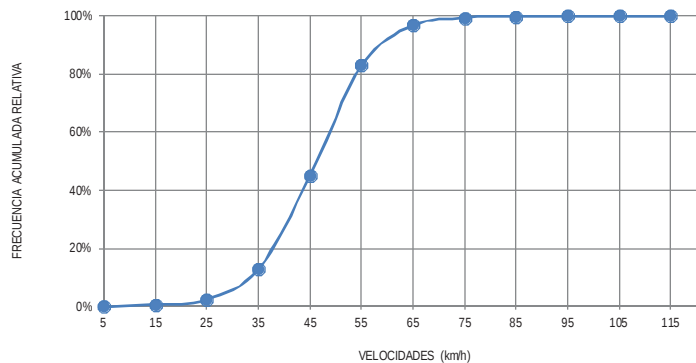
TE: 3

SC: 0



3 Carr: Libramiento de Mazatlán

CLAVE: 25604

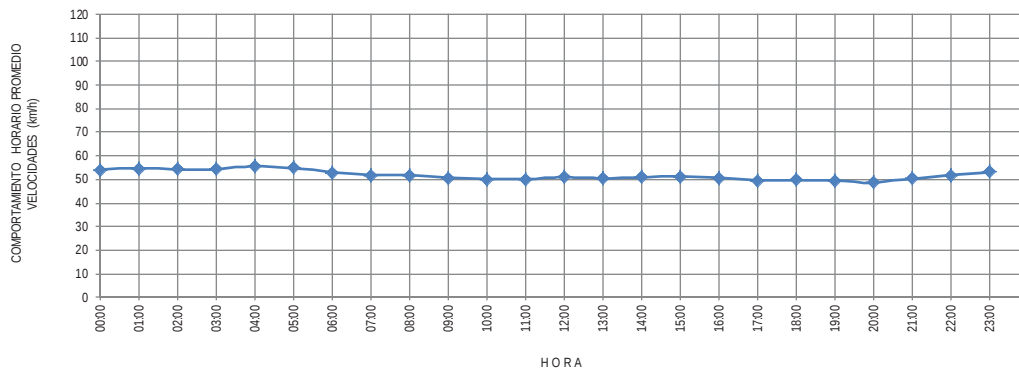


RUTA: MEX

KM: 0.000

TE: 3

SC: 1



4 Carr: Libramiento Sur de Culiacán

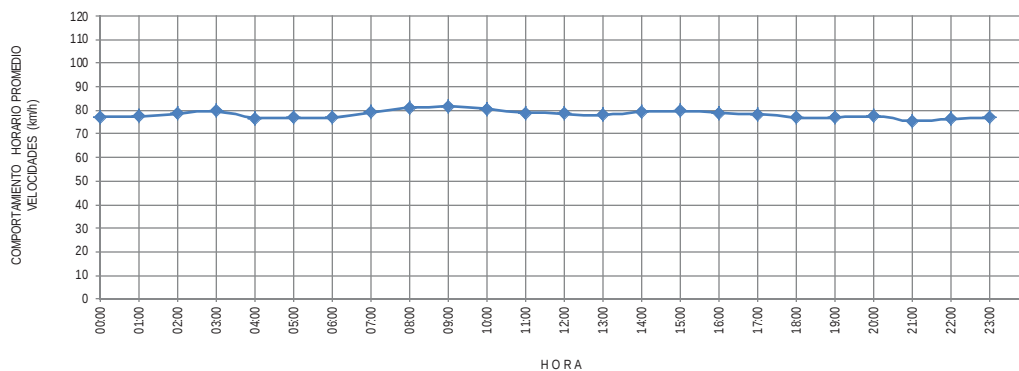
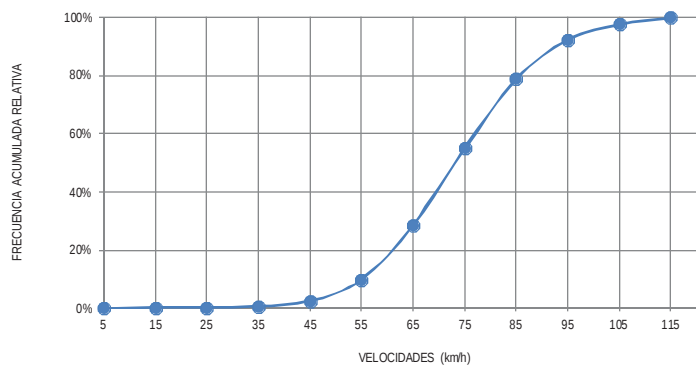
CLAVE: 25500

ruta: MEX-015

KM: 0.000

TE: 3

SC: 1



5 Carr: Mazatlán - Culiacán

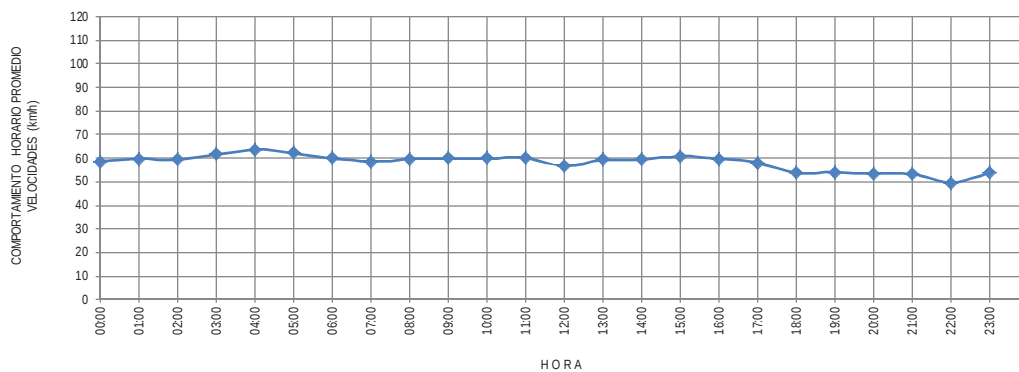
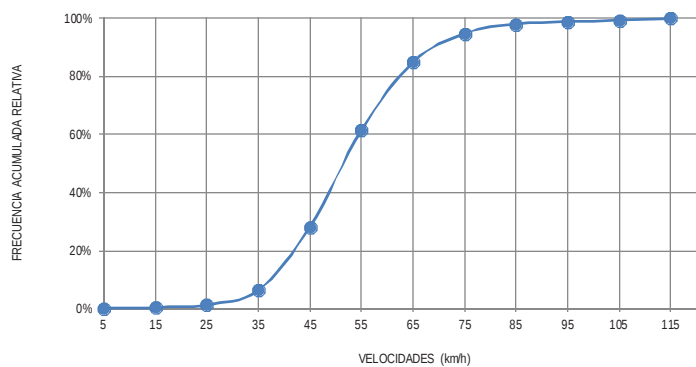
CLAVE: 25501

ruta: MEX-015

KM: 6.400

TE: 1

SC: 1



6 Carr: Pericos - Los Naranjos

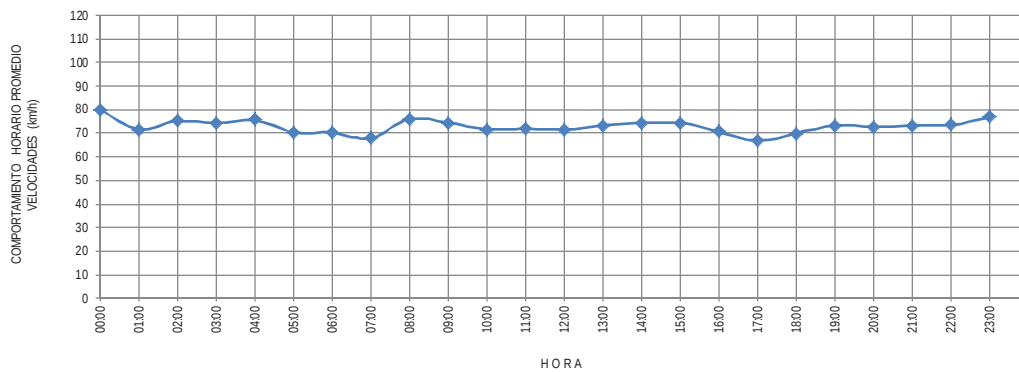
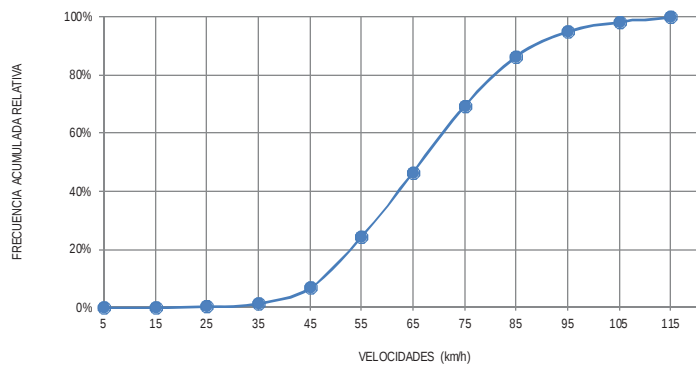
CLAVE: 25598

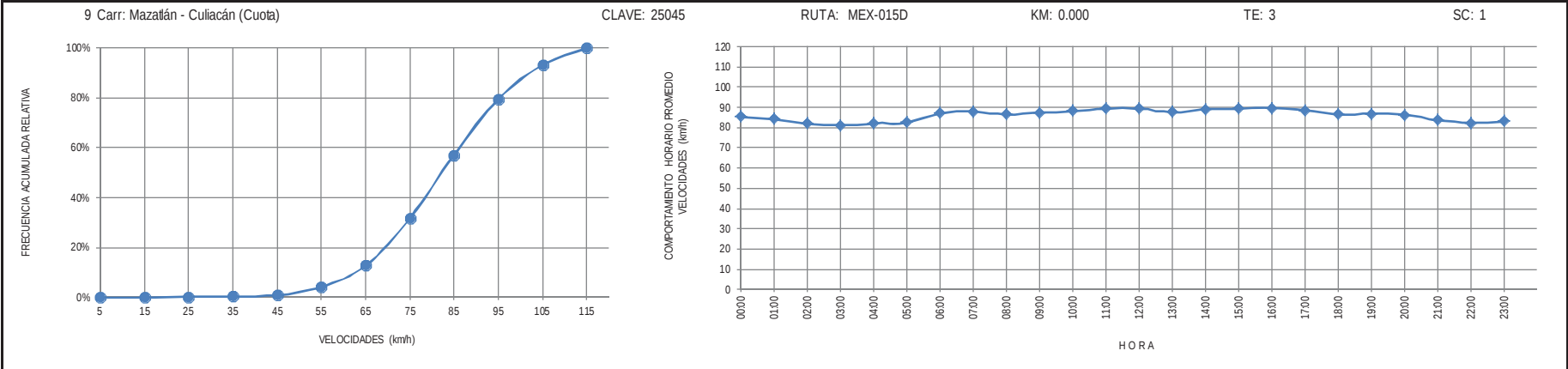
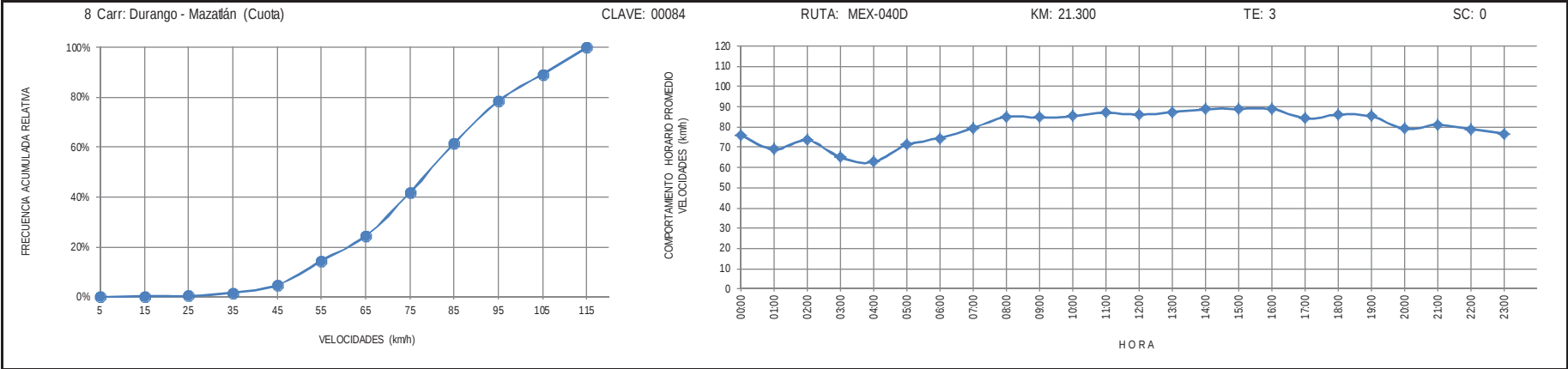
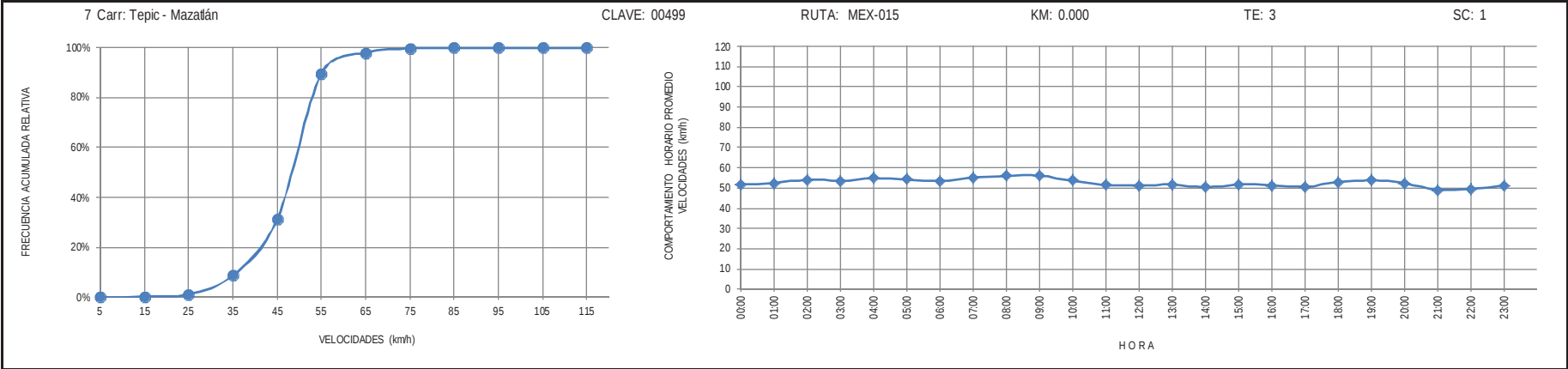
ruta: MEX-024

KM: 0.000

TE: 3

SC: 0





10 Carr: Tepic - Villa Unión (cuota)

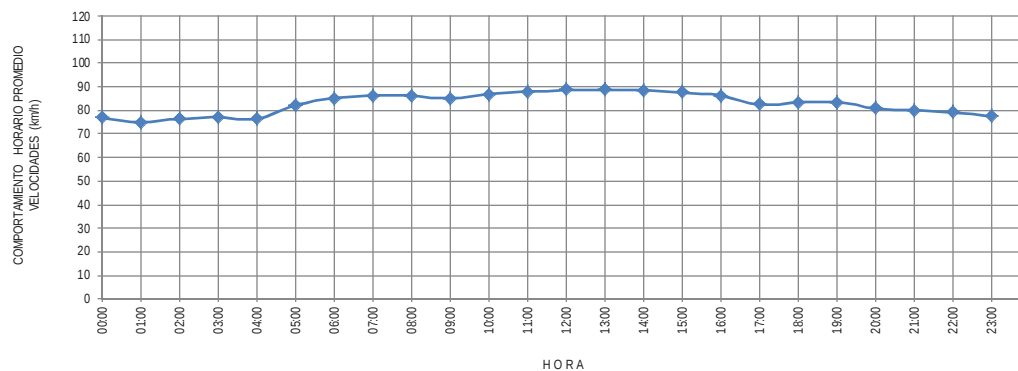
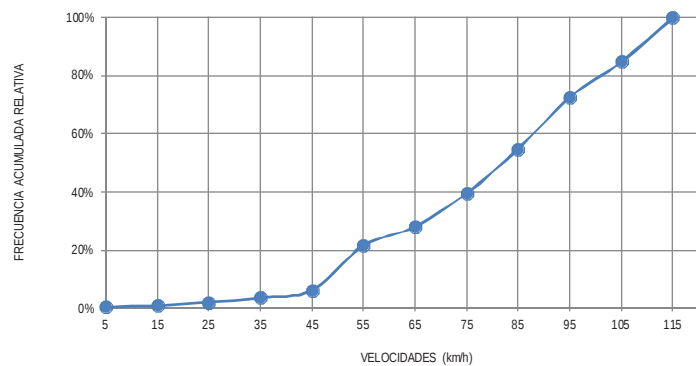
CLAVE: 00500

ruta: MEX-015D

KM: 4.700

TE: 1

SC: 1



11 Carr: Est. Don - Nogales (Cuota)

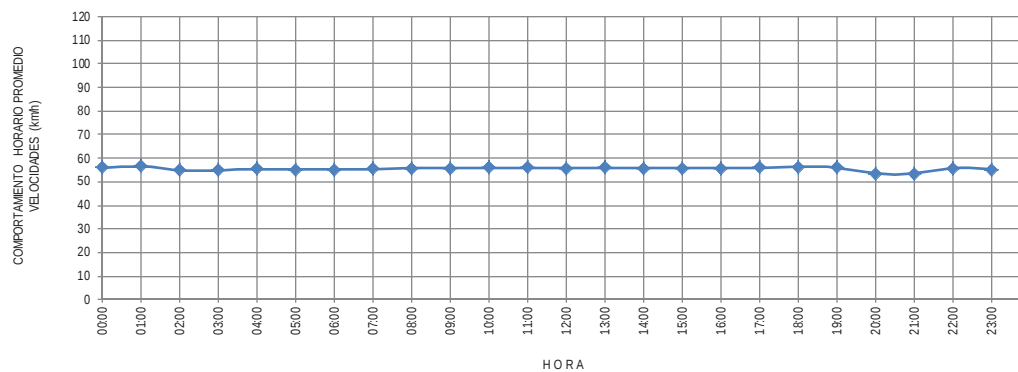
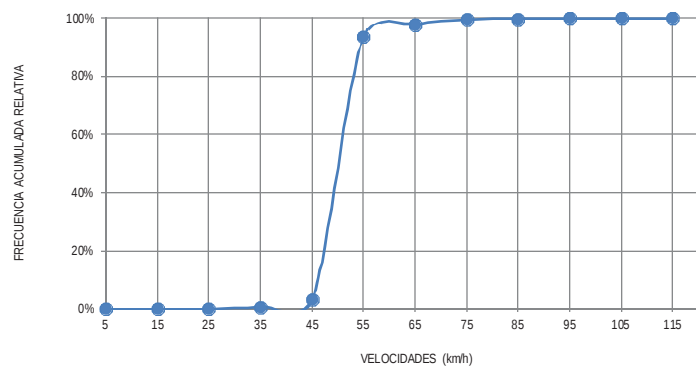
CLAVE: 26444

ruta: MEX-015D-015

KM: 0.000

TE: 3

SC: 1



12 Carr: Carrizal - Campo Añibal

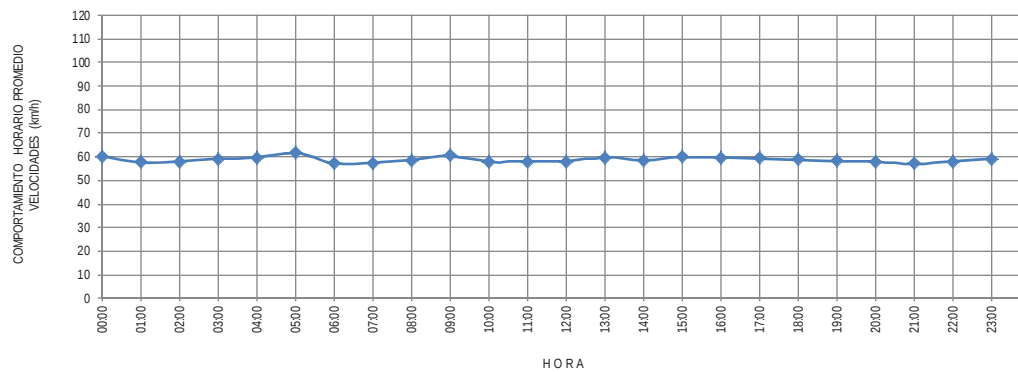
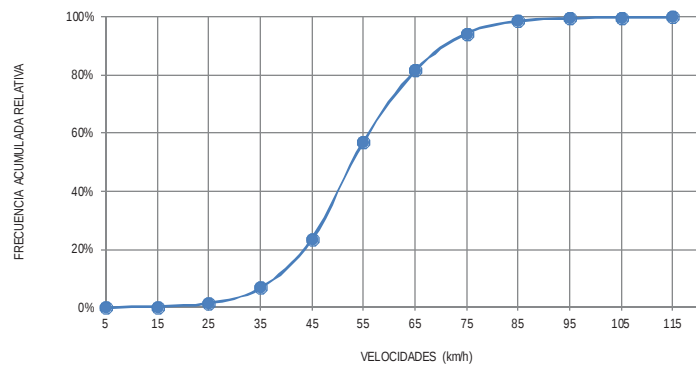
CLAVE: 25585

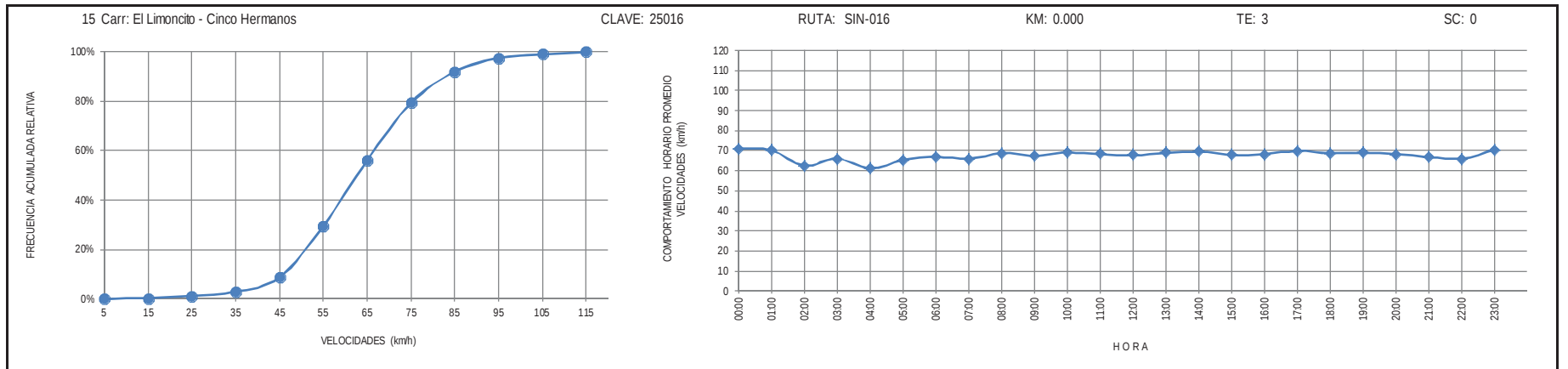
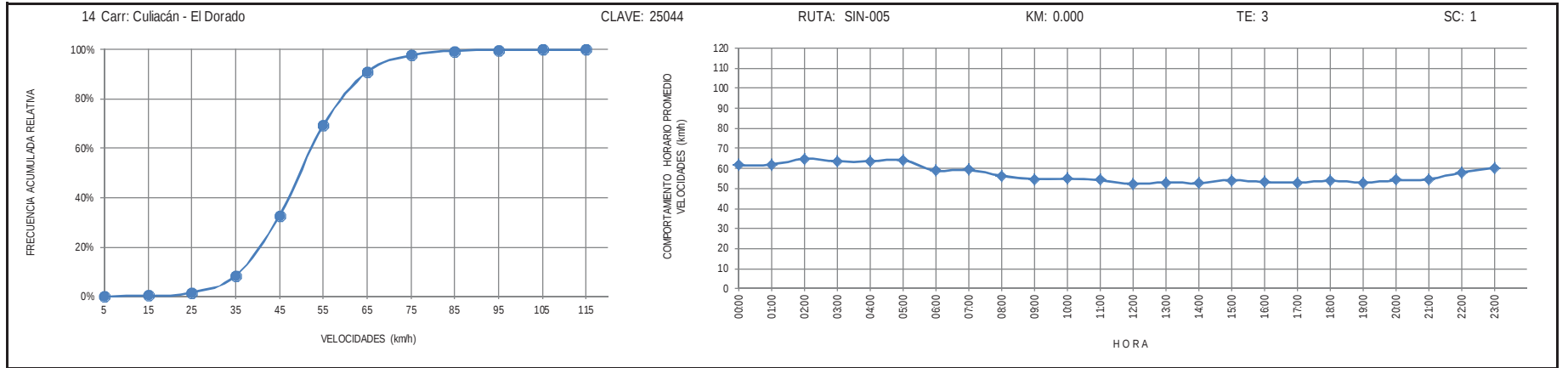
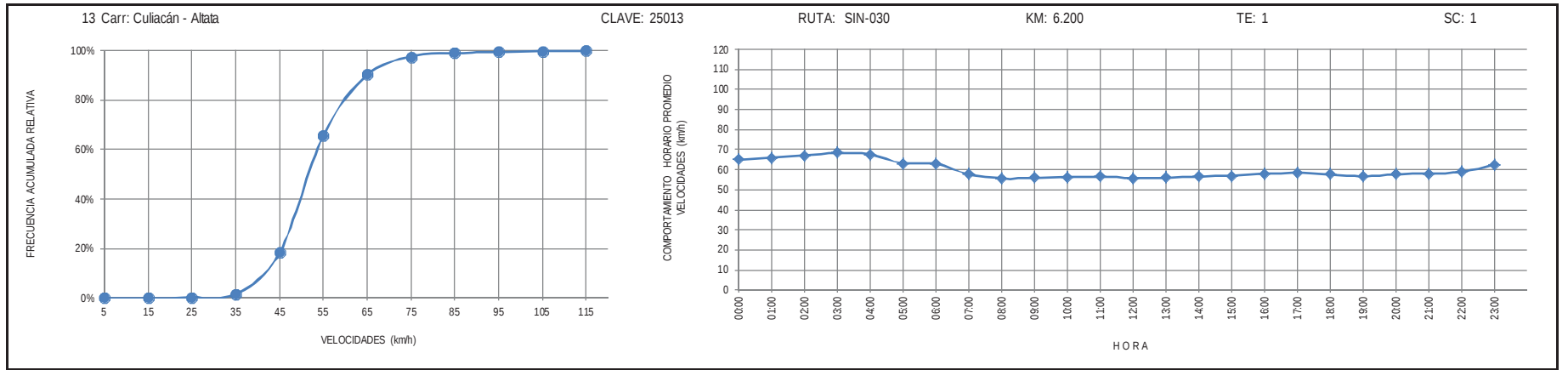
ruta: SIN-019

KM: 0.000

TE: 3

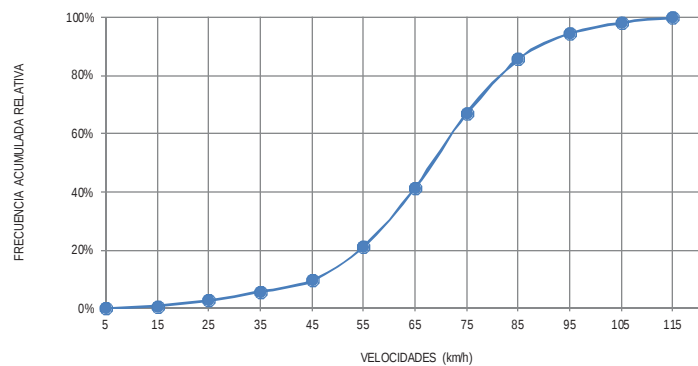
SC: 0





16 Carr: El Salado - El Dorado

CLAVE: 25010

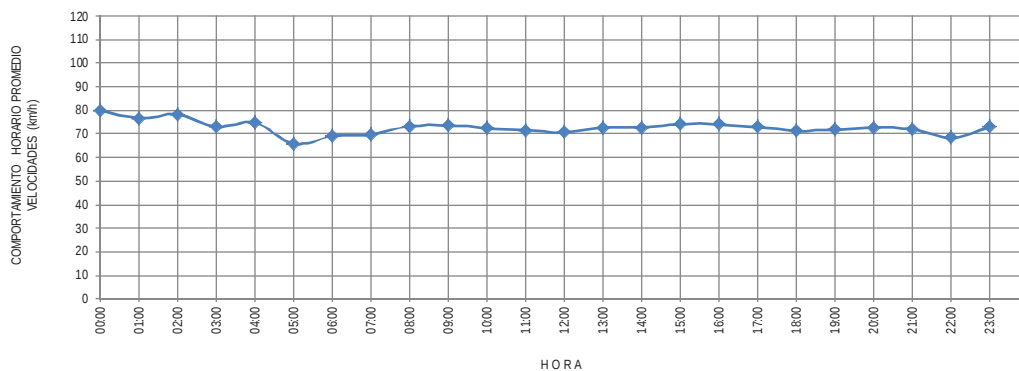


ruta: SIN-010

KM: 0.000

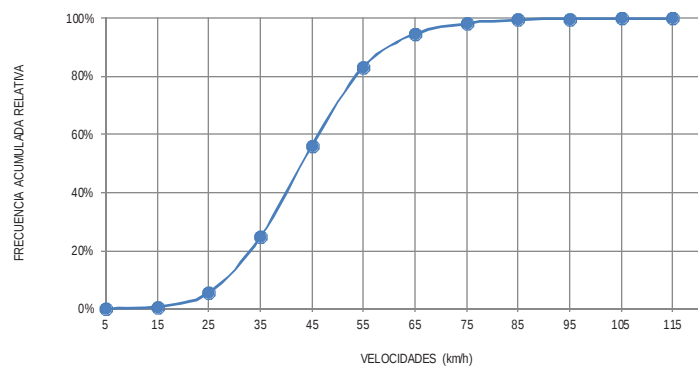
TE: 3

SC: 0



17 Carr: Escuinapa de Hidalgo - Teacapan

CLAVE: 25001

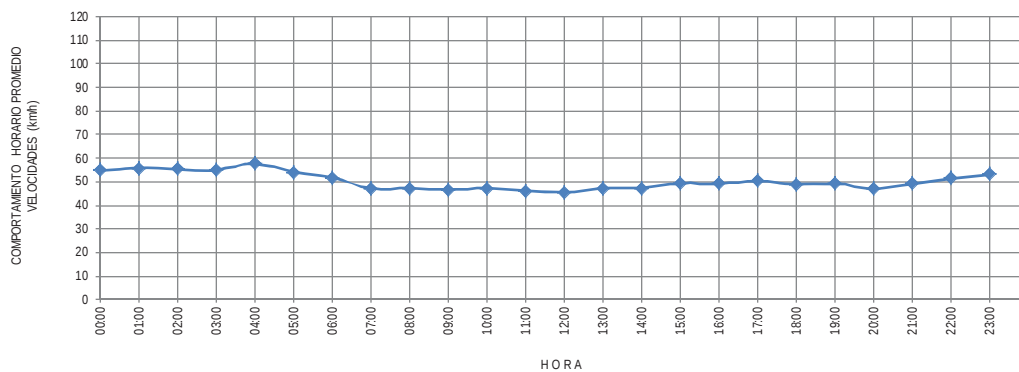


ruta: SIN-001

KM: 0.000

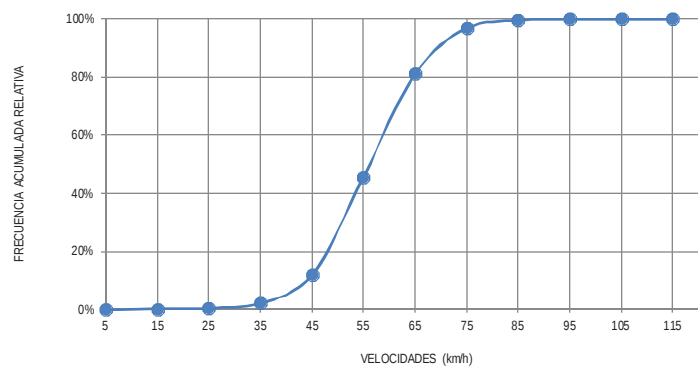
TE: 3

SC: 0



18 Carr: Estación Dimas - San Ignacio

CLAVE: 25007

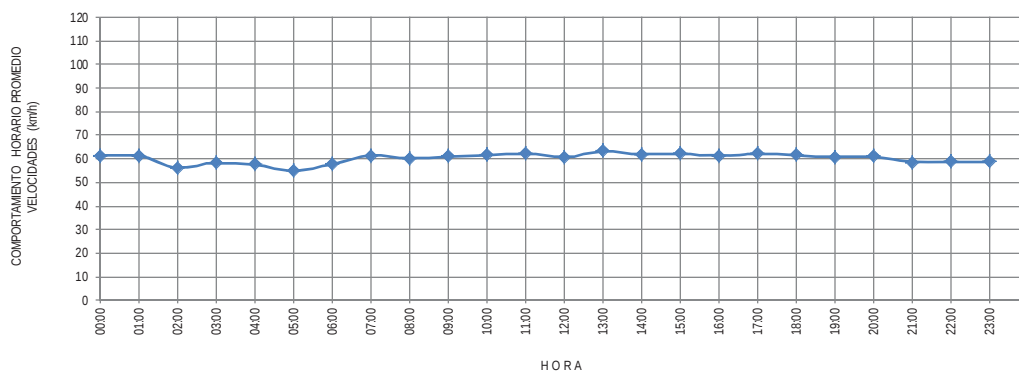


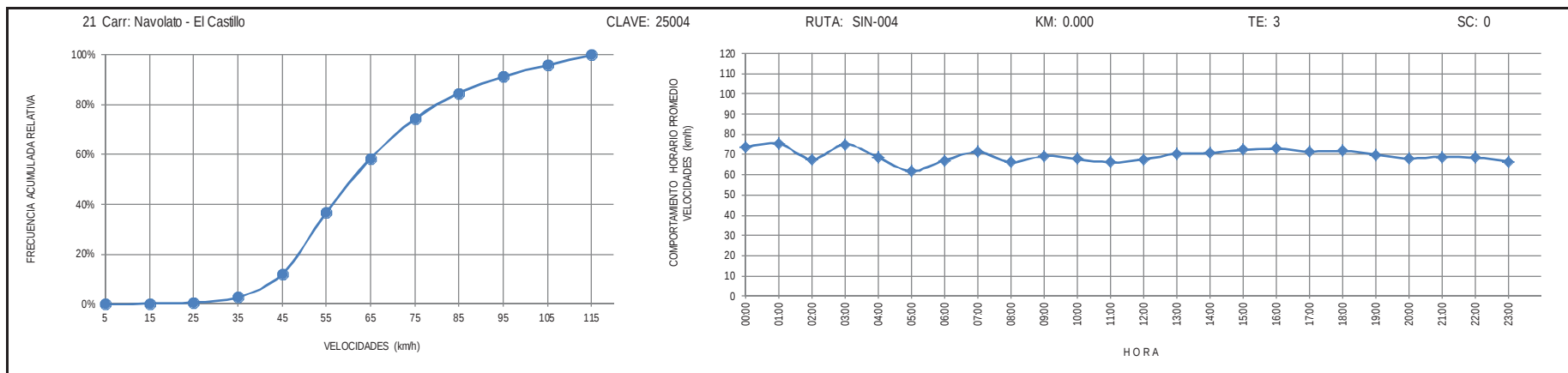
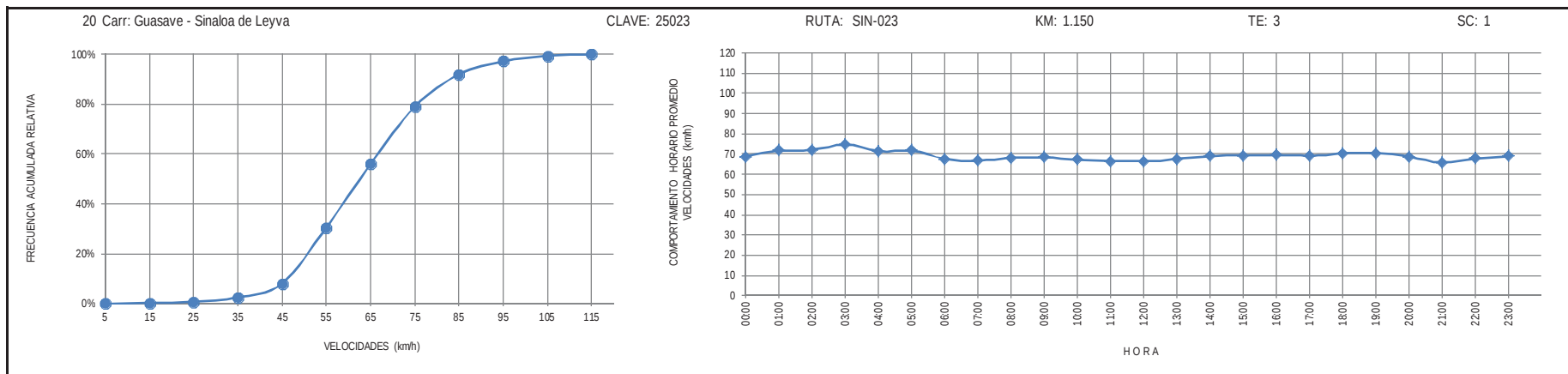
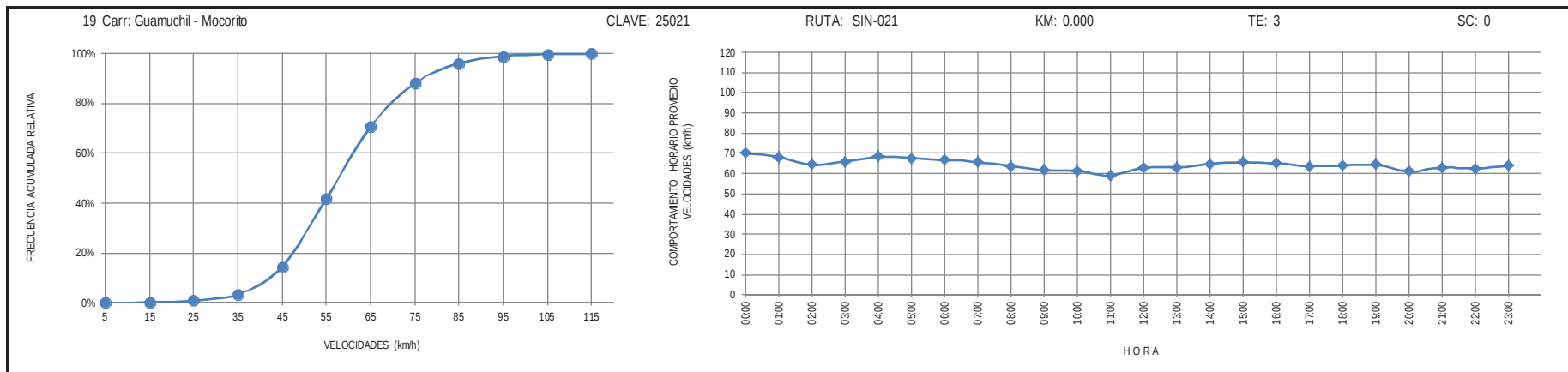
ruta: SIN-006

KM: 23.150

TE: 1

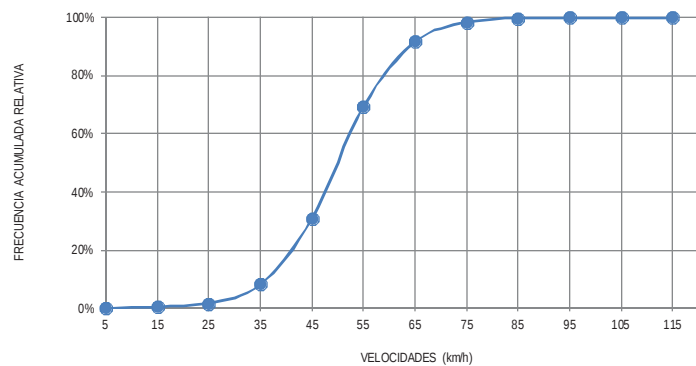
SC: 0





22 Carr: Pozole - Cofradía

CLAVE: 25080

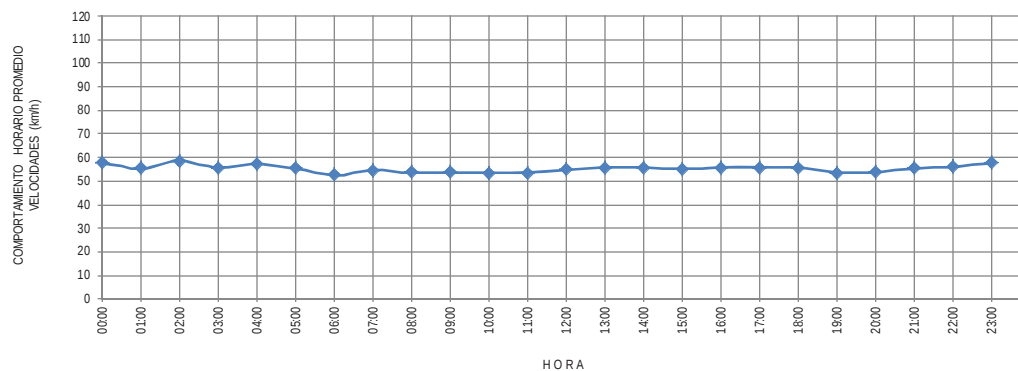


ruta: SIN-080

KM: 0.000

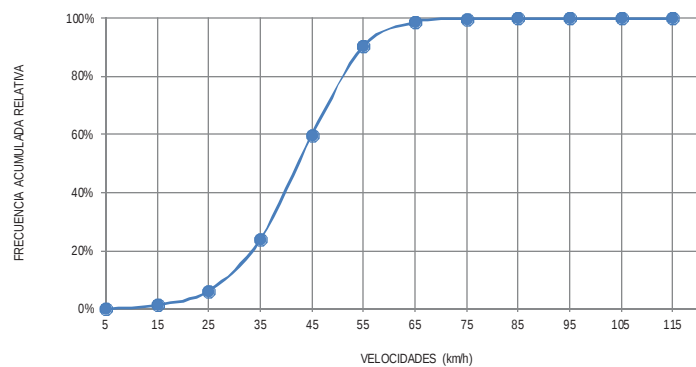
TE: 3

SC: 0



23 Carr: Ramal a Chametla

CLAVE: 25002

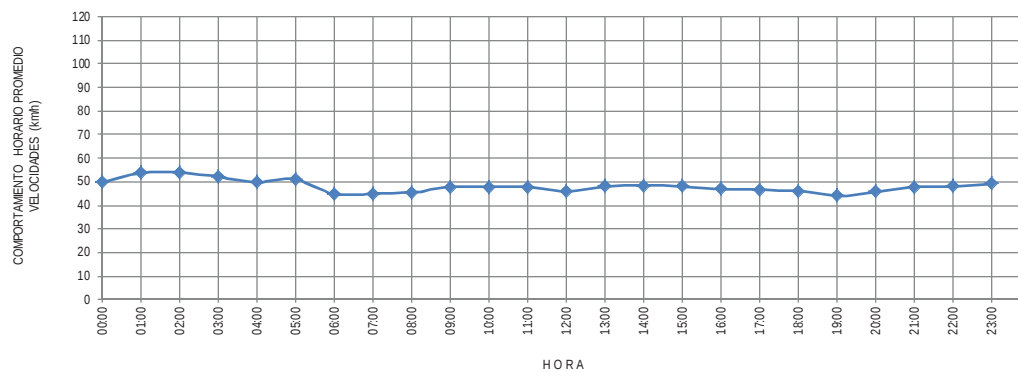


ruta: SIN-002

KM: 0.000

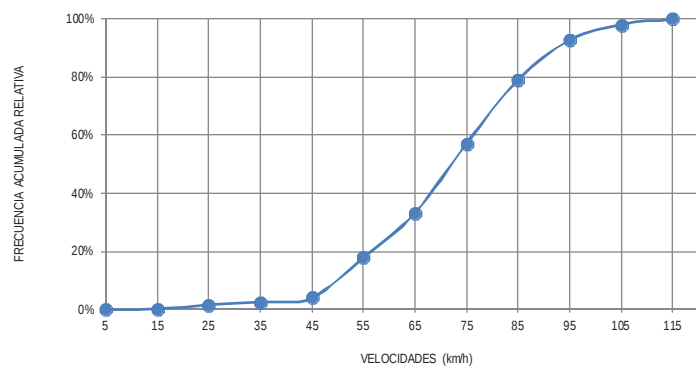
TE: 3

SC: 0



24 Carr: Ramal a Cosalá

CLAVE: 25008

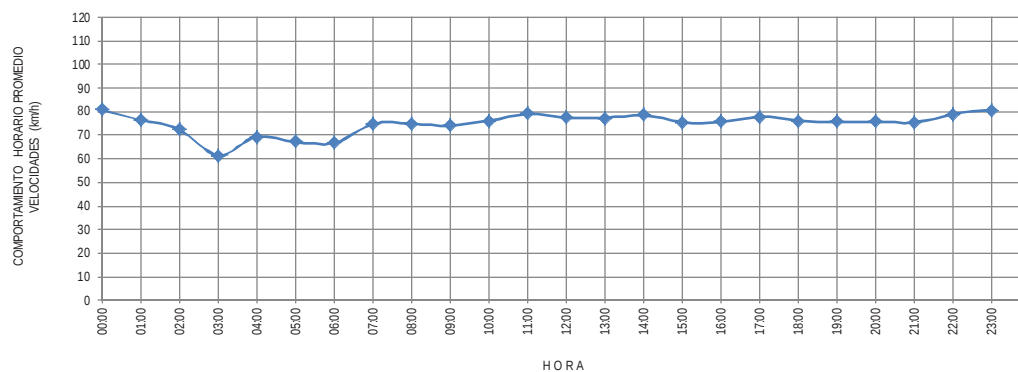


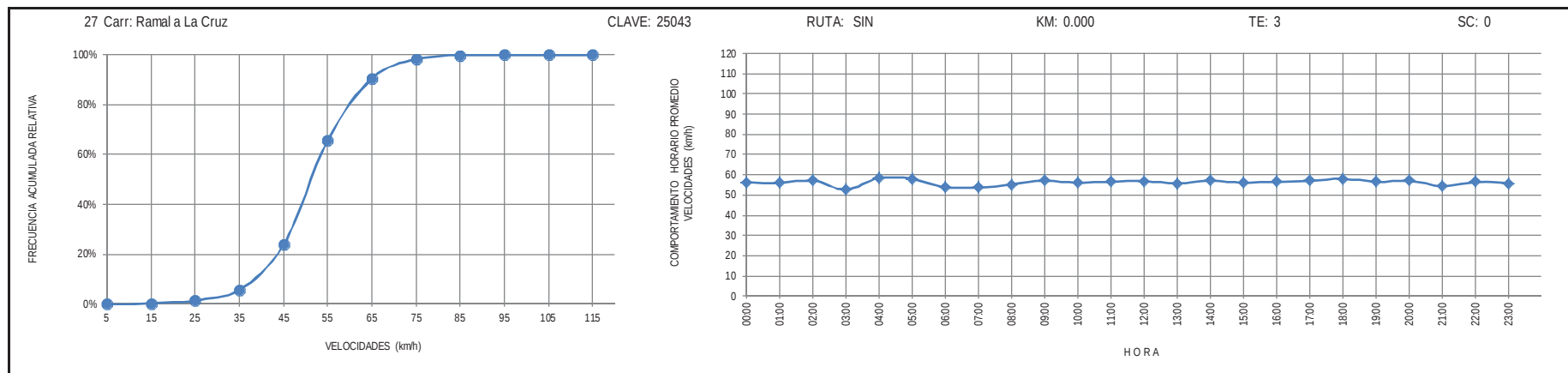
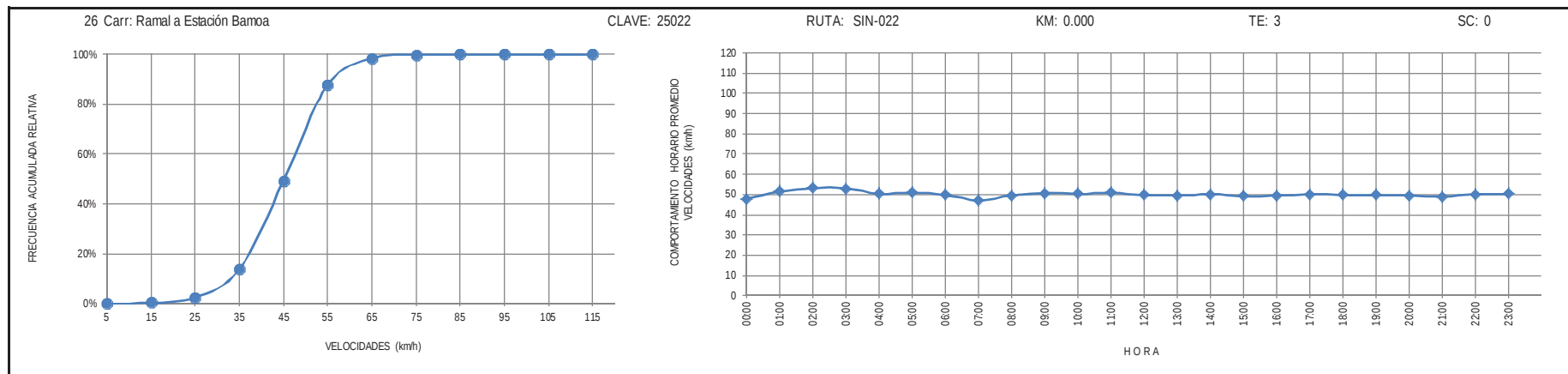
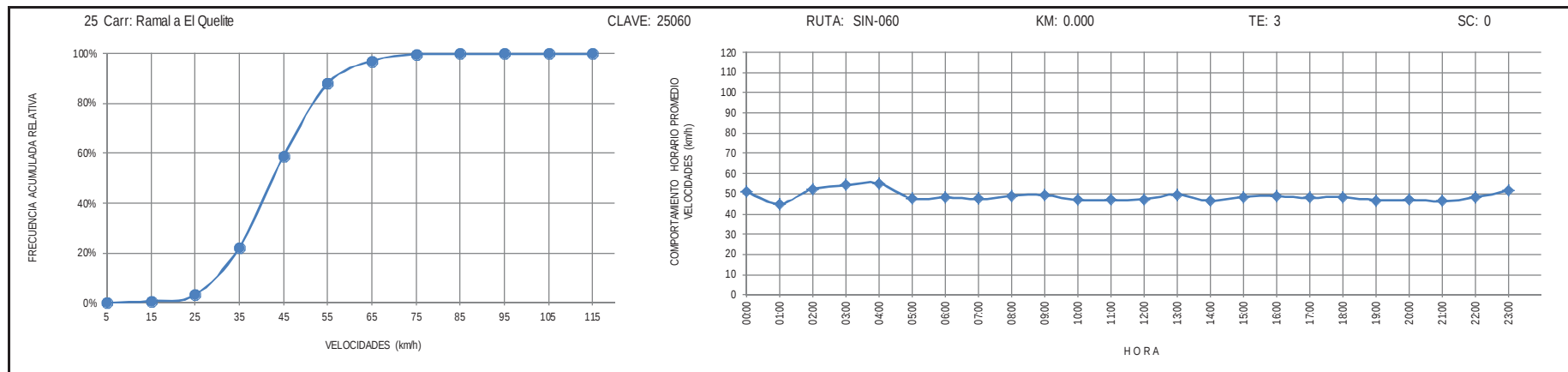
ruta: SIN-008

KM: 0.000

TE: 3

SC: 0





28 Carr: Ramal a La Noria

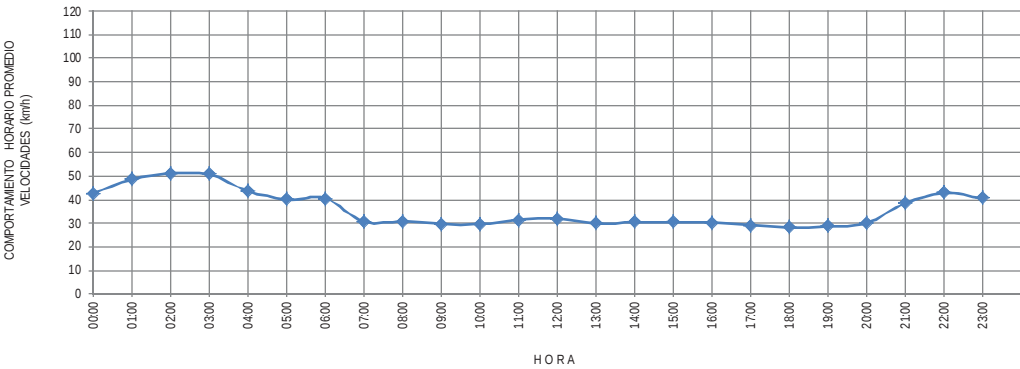
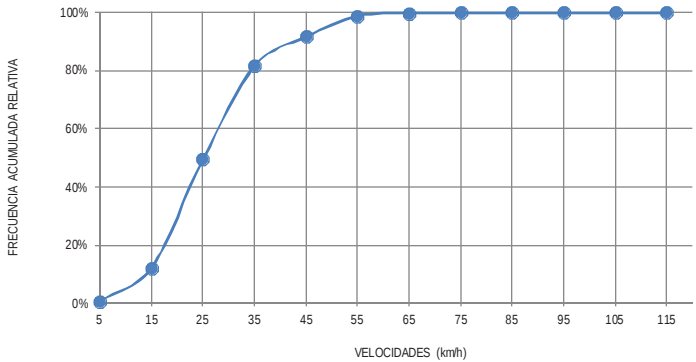
CLAVE: 25592

ruta: SIN

KM: 0.000

TE: 3

SC: 0



29 Carr: Ramal a La Reforma

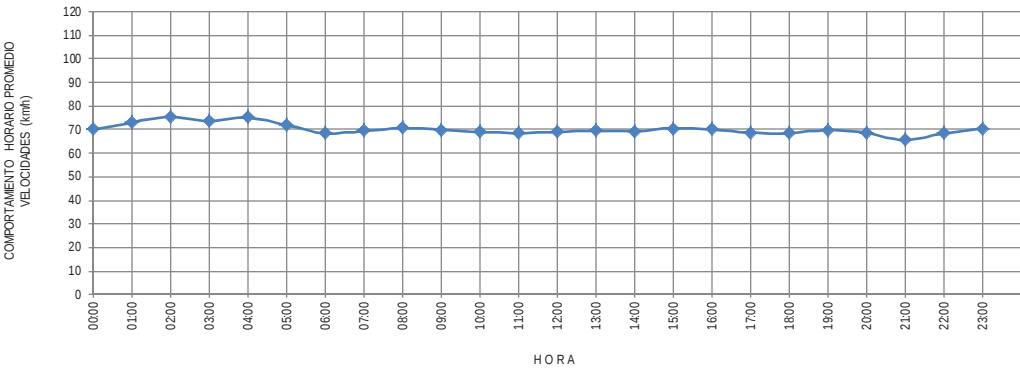
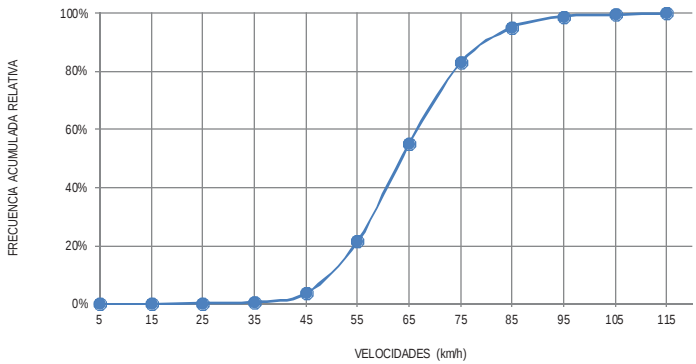
CLAVE: 25041

ruta: SIN-004

KM: 0.000

TE: 3

SC: 0



30 Carr: Rosario - Caimanero

CLAVE: 25003

ruta: SIN-003

KM: 0.000

TE: 3

SC: 0

