

DISTRITO FEDERAL

NO. INDICE	CARRETERA	RUTA
---RED FEDERAL LIBRE---		
1	México - Cuernavaca (Libre)	MEX-095
2	México - Pachuca (Libre)	MEX-085
3	México - Puebla (Libre)	MEX-150
4	México - Toluca	MEX-015
5	San Gregorio - Oaxtepec	MEX-113
---RED FEDERAL DE CUOTA---		
6	México - Cuernavaca (Cuota)	MEX-095D
7	México - Pachuca (Cuota)	MEX-085D
8	México - Puebla (Cuota)	MEX-150D
9	México - Toluca (Cuota)	MEX-134D
---RED FEDERAL INTEGRADA POR TRAMOS LIBRES Y DE CUOTA---		
10	México - Querétaro (Cuota)	MEX-057-MEX-057D
---RED ESTATAL LIBRE---		
11	Chalco - Mixquic	EM-DF
12	Chalco - Tláhuac	EM-DF
13	T. C. (México - Mixquic) - San Pablo Atlazalpan	EM-106-DF
14	Xalatlaco - El Ajusco	EM-DF
---RED ESTATAL DE CUOTA---		
15	La Venta - Chamapa (Cuota)	EM-D

09 DISTRITO FEDERAL

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS

EDO. DE MÉXICO

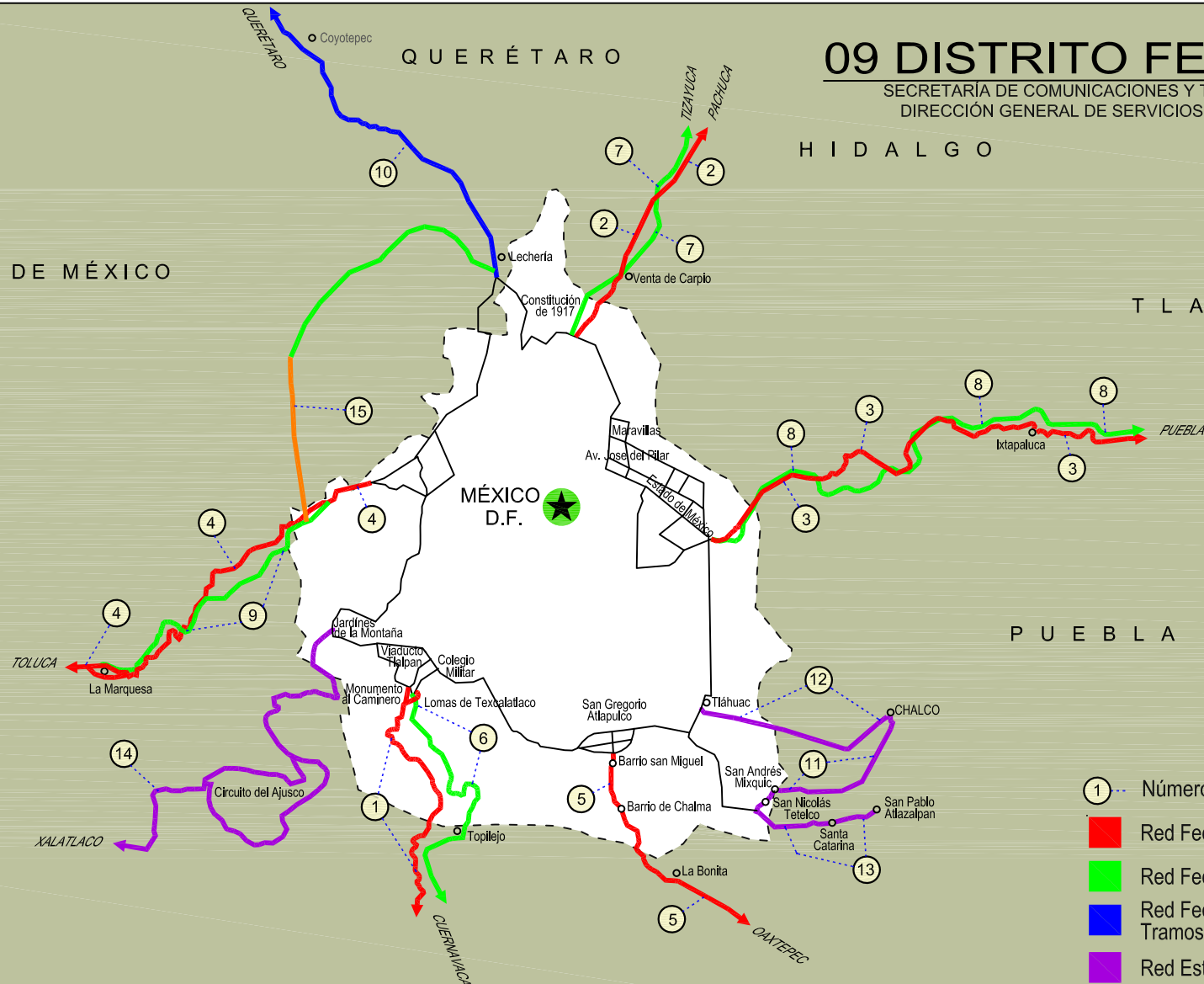
QUERÉTARO

HIDALGO

TLAXCALA

PUEBLA

MORELOS



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- Red Federal Libre
- Red Federal Cuota
- Red Federal Integrada por Tramos Libres y de Cuota
- Red Estatal Libre
- Red Estatal Cuota
- Carreteras Integradas por Tramos Federales y Estatales

DISTRITO FEDERAL

1 C A R R : México - Cuernavaca (Libre)

CLAVE: 00040

RUTA : MEX-095

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
México	0.00																	
T., Izq. San Miguel Xicalco	25.50	1	0	20568	46.6	50.6	57.0	5.7	43.7	45.4	54.0	5.2	42.7	46.3	54.0	6.5	19.235954	-99.158401
T., Izq. San Miguel Xicalco	25.50	3	0	21400	53.9	60.5	72.6	8.2	51.3	56.9	67.7	8.4	49.8	55.5	66.9	9.1	19.233814	-99.156689
T. Izq. San Miguel Topilejo	28.78	1	1	9498	52.0	56.8	69.9	7.8	48.2	53.3	65.8	7.9	46.0	52.5	63.9	8.4	19.213099	-99.153959
T. Izq. San Miguel Topilejo	28.78	1	2	9925	57.0	61.7	72.2	6.7	53.0	57.0	66.6	6.7	52.3	57.0	67.3	7.5	19.213099	-99.153959
T. Izq. San Miguel Topilejo	28.78	3	0	17044	51.8	60.5	72.5	10.3	50.5	57.7	67.9	9.4	43.6	52.7	64.5	10.6	19.208915	-99.156054
Parres El Guarda	39.50	1	0	9658	66.9	73.3	85.9	8.6	62.0	68.1	79.4	8.2	61.5	68.4	83.3	9.5	19.140838	-99.169460
Parres El Guarda	39.50	3	0	7750	65.2	74.0	93.7	10.0	57.4	65.7	83.1	10.0	56.5	63.7	85.2	9.8	19.128921	-99.180779
Lim. Edos. Term. D. F. Ppia. Mor.	45.44																	
T. Der. Zempoala	51.40	1	0	9760	42.3	50.0	63.7	9.1	37.0	43.3	53.9	7.9	37.9	48.1	54.3	9.7	19.058084	-99.241325
T. Der. Zempoala	51.40	3	0	6942	63.9	72.6	98.2	11.2	58.7	76.5	114.2	18.3	57.0	65.1	108.2	11.2	19.045591	-99.237309
T. Izq. Coajomulco	57.12	3	0	6114	58.2	63.7	74.6	8.5	49.4	58.2	64.9	10.5	50.1	57.3	66.3	10.0	19.026865	-99.209533
T. Der. Huitzilac	64.20	1	0	8568	34.5	42.5	54.2	9.0	29.1	41.0	53.0	11.7	33.8	49.6	54.4	14.3	19.001795	-99.258668
T. Der. Huitzilac	64.20	3	0	13252	66.2	79.9	99.0	13.8	64.2	77.7	99.5	14.0	58.1	70.0	91.6	11.9	19.000671	-99.257901
T. Izq. Tepoztlán	71.36	1	0	26392	48.5	53.6	66.8	8.2	45.2	51.4	62.9	7.5	43.7	51.1	63.8	9.0	18.971646	-99.251044
T. Izq. Tepoztlán	71.36	3	1	15142	42.2	46.7	57.4	7.4	38.2	42.5	52.5	6.8	40.3	45.9	54.3	7.9	18.962962	-99.246580
T. Izq. Tepoztlán	71.36	3	2	16668	37.2	41.6	51.6	6.4	30.6	33.5	44.5	6.5	32.1	36.7	52.5	7.9	18.962963	-99.246576
Cuernavaca	75.42																	

2 C A R R : México - Pachuca (Libre)

CLAVE: 00431

RUTA : MEX-085

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
México	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	9.89																	
T. Der. Pirámides	26.93	1	0	23728	44.1	54.0	72.1	11.2	40.2	49.7	68.5	11.3	40.3	51.1	73.3	12.8	19.612934	-99.018291
Venta de Carpio	27.00	3	1	23848	57.3	64.3	111.2	11.8	51.0	54.9	64.0	7.7	49.1	54.8	70.0	9.2	19.627120	-99.002563
Venta de Carpio	27.00	3	2	22938	56.8	64.1	84.5	10.3	52.0	58.9	70.4	8.8	49.7	56.7	72.4	9.7	19.627122	-99.002563
T. Der. Autopista México - Tecámac (Cuota)	37.52	1	1	22631	58.7	66.9	82.0	10.1	55.7	62.1	74.0	7.7	55.1	62.3	75.8	8.4	19.700960	-98.980009
T. Der. Autopista México - Tecámac (Cuota)	37.52	1	2	22066	57.9	65.7	81.9	10.5	56.8	63.5	73.6	8.6	56.4	64.0	78.7	9.5	19.700959	-98.980007
T. Izq. Zumpango	44.68	1	1	14803	60.2	64.9	81.4	8.7	56.4	61.7	73.8	7.2	57.5	64.2	79.8	9.0	19.761677	-98.973538
T. Izq. Zumpango	44.68	1	2	15360	63.9	71.0	84.6	8.5	63.0	70.3	83.7	8.7	58.5	65.4	82.3	9.5	19.761677	-98.973538
T. Izq. Zumpango	44.68	3	1	9913	56.8	63.2	75.8	8.6	55.6	62.5	73.7	8.2	54.7	61.9	74.7	8.5	19.772015	-98.973108
T. Izq. Zumpango	44.68	3	2	9519	57.0	63.4	76.3	8.7	55.2	62.3	73.7	8.2	54.9	62.1	74.8	8.4	19.772048	-98.973107
Lim. Edos. Term. Mex. Ppia. Hgo.	49.30																	

DISTRITO FEDERAL

2 C A R R : México - Pachuca (Libre)

CLAVE: 00431

RUTA: MEX-085

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
Tizayuca	52.50	3	1	7952	52.9	56.6	64.8	6.6	47.2	51.0	54.8	5.9	46.5	51.7	65.5	8.4	19.858794	-98.967669
Tizayuca	52.50	3	2	7852	60.7	68.9	83.0	10.0	58.2	64.2	74.9	8.4	54.2	61.5	74.4	8.7	19.858794	-98.967669
T. C. México - Tizayuca (Cuota)	61.00	3	1	21571	85.6	93.7	119.9	10.2	87.6	101.2	124.7	13.8	79.6	93.1	121.4	14.2	19.892943	-98.933061
T. C. México - Tizayuca (Cuota)	61.00	3	2	22239	130.7	141.3	144.5	13.5	137.4	142.7	144.7	10.2	111.8	140.7	144.4	30.0	19.893235	-98.933328
X. C. Arco Norte de La Ciudad de México	64.20	1	1	18984	112.4	126.8	142.1	14.5	104.6	115.9	137.6	12.2	101.3	117.6	138.8	16.1	19.923051	-98.900640
X. C. Arco Norte de La Ciudad de México	64.20	1	2	19475	104.5	117.2	137.9	13.1	96.1	104.4	135.9	10.8	91.2	106.5	136.3	16.1	19.923903	-98.900239
X. C. Arco Norte de La Ciudad de México	64.20	3	1	18412	88.2	98.5	112.2	11.7	79.0	84.5	94.9	9.6	77.4	85.5	100.8	11.4	19.930367	-98.891507
X. C. Arco Norte de La Ciudad de México	64.20	3	2	18239	105.9	119.6	137.4	13.9	96.6	104.5	123.6	10.4	93.1	107.8	128.4	15.2	19.930546	-98.891857
Ent. Colonia	83.97	1	1	31322	83.5	102.9	125.1	18.6	86.1	107.0	131.0	20.0	77.2	103.9	129.3	23.2	20.052505	-98.788435
Ent. Colonia	83.97	1	2	29733	92.1	109.1	124.8	16.7	105.1	130.7	143.3	20.0	99.8	132.0	143.4	25.6	20.052505	-98.788648
X. C. Libramiento de Pachuca	86.50	1	1	33697	96.9	113.2	133.8	16.0	93.7	102.9	124.8	11.5	89.2	100.5	124.2	13.1	20.096819	-98.767517
X. C. Libramiento de Pachuca	86.50	1	2	33514	98.7	117.1	138.0	17.9	96.3	105.6	131.2	12.7	91.5	104.6	130.2	15.1	20.096819	-98.767518
Pachuca	94.00																	

3 C A R R : México - Puebla (Libre)

CLAVE: 00449

RUTA: MEX-150

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
México	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	18.66																	
T. Der. Chalco	28.85	1	1	33378	42.3	50.3	67.8	9.9	40.4	50.0	76.0	11.8	36.9	45.5	69.0	11.3	19.311265	-98.903655
T. Der. Chalco	28.85	1	2	35202	46.7	54.1	73.0	9.5	46.5	54.3	75.7	10.6	42.6	50.2	74.7	10.1	19.311264	-98.903656
T. Der. Chalco	28.85	3	1	14828	50.3	55.7	71.0	8.7	53.2	59.7	74.5	8.4	49.7	57.2	87.9	11.8	19.312135	-98.897307
T. Der. Chalco	28.85	3	2	14756	51.8	57.9	71.1	8.5	45.8	51.9	62.6	7.9	46.3	52.4	64.8	8.4	19.312138	-98.897304
Ixtapaluca	31.06	3	1	18208	60.3	68.6	83.2	10.2	55.4	62.8	74.2	8.4	52.4	59.7	74.8	9.7	19.315708	-98.874980
Ixtapaluca	31.06	3	2	17420	61.5	71.4	87.5	11.4	60.0	70.2	82.5	11.1	51.8	64.0	83.1	13.7	19.315709	-98.874981
T. Der. C. México - Puebla (Cuota) (Río Frío)	62.06	1	0	3206	43.1	51.1	63.0	9.6	38.2	45.5	54.5	9.3	35.2	43.6	54.7	9.7	19.349715	-98.670708
T. Der. C. México - Puebla (Cuota) (Río Frío)	62.06	3	0	1111	57.8	64.3	78.7	9.2	54.4	60.1	72.9	7.2	52.4	58.6	70.9	8.7	19.352707	-98.662318
Lim. Edos. Term. Mex. Ppia. Pue.	62.98																	
San Martín Texmelucan	70.00	1	0	10324	43.1	48.5	60.0	7.6	40.8	44.9	54.5	7.8	40.8	45.2	60.4	8.7	19.300840	-98.452092
X. C. México - Puebla (Cuota)	74.10	3	0	18046	54.2	60.5	72.6	7.7	50.7	54.5	64.4	7.9	50.1	55.7	73.9	9.9	19.261607	-98.429998
Huejotzingo	88.00	1	1	6289	72.6	82.8	97.5	11.5	68.4	77.5	84.6	10.1	66.2	76.7	89.9	11.3	19.174735	-98.414216
Huejotzingo	88.00	1	2	6042	75.6	84.8	101.2	10.9	68.3	77.5	86.6	10.5	66.7	77.7	93.3	11.9	19.174824	-98.414029
Huejotzingo	88.00	3	1	6026	64.0	73.6	86.6	11.2	56.9	64.1	74.5	8.8	59.6	71.8	89.0	13.5	19.149064	-98.400087
Huejotzingo	88.00	3	2	5910	61.9	71.9	86.8	11.3	63.2	72.9	83.4	10.6	54.9	65.2	80.8	11.3	19.149242	-98.400082

DISTRITO FEDERAL

3 C A R R : México - Puebla (Libre)

CLAVE: 00449

RUTA: MEX-150

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	92.80	1	1	6311	80.7	94.7	115.4	15.0	74.6	89.7	102.8	14.2	72.6	86.9	106.7	14.8	19.136450	-98.377424
T. Izq. Aeropuerto	92.80	1	2	6325	77.1	89.6	108.0	13.3	73.9	88.2	98.3	14.5	69.5	85.2	100.0	15.5	19.136545	-98.377321
T. Der. Cholula	101.00	1	1	10859	59.4	65.2	79.6	9.2	52.5	59.1	68.9	8.4	51.4	59.0	71.5	9.6	19.073523	-98.318219
T. Der. Cholula	101.00	1	2	10945	59.1	64.9	78.9	9.1	52.5	59.4	70.1	8.7	51.4	58.9	71.5	9.6	19.073635	-98.318142
T. Der. Cholula	101.00	3	1	16584	48.6	53.8	64.3	8.3	43.7	50.0	57.4	7.9	45.0	51.4	62.1	7.6	19.070189	-98.312766
T. Der. Cholula	101.00	3	2	16870	48.4	53.6	64.2	8.2	43.6	50.0	58.5	8.0	44.9	51.2	61.4	7.5	19.070254	-98.312558
Puebla	131.00																	

4 C A R R : México - Toluca

CLAVE: 00447

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
México	0.00																	
Ent. Constituyentes y Reforma	12.84	3	1	28308	83.2	92.7	108.6	11.1	72.4	82.9	97.9	12.1	72.1	84.4	101.2	13.6	19.382592	-99.252134
Ent. Constituyentes y Reforma	12.84	3	2	27873	83.1	92.7	108.6	11.1	72.3	82.9	97.7	12.2	72.3	84.4	101.3	13.6	19.382586	-99.252131
T. Der. Cuajimalpa (1º Acceso)	20.56	1	1	29857	69.5	80.9	94.6	12.6	61.1	71.9	84.8	11.9	57.7	70.2	84.6	12.8	19.364638	-99.277036
T. Der. Cuajimalpa (1º Acceso)	20.56	1	2	27344	80.9	91.0	113.9	12.4	84.5	102.5	141.5	18.2	74.1	91.0	134.7	18.0	19.364525	-99.276685
T. Izq. Desierto de Los Leones	23.96	1	1	31984	59.3	70.9	83.1	13.3	51.8	64.1	75.0	14.5	49.9	63.5	75.0	15.0	19.338929	-99.311196
T. Izq. Desierto de Los Leones	23.96	1	2	32485	61.2	73.4	84.8	14.2	50.8	67.3	79.9	17.2	48.1	64.9	79.7	17.6	19.338917	-99.311159
Lim. Edos. Term. D. F. Ppia. Mex.	33.44																	
T. Der. Huixquilucan	33.98	1	1	26649	78.8	85.2	97.6	9.5	78.3	89.0	124.4	13.5	70.7	82.4	109.8	13.8	19.298122	-99.363482
T. Der. Huixquilucan	33.98	1	2	27422	46.6	66.3	79.0	18.1	30.1	52.0	70.7	16.8	31.5	53.2	70.6	18.7	19.298067	-99.363544
X. C. Amomolulco - Stgo. Tianguistenco	47.26	1	1	41879	99.4	108.5	122.5	10.8	92.7	100.4	112.8	9.4	90.2	101.1	114.5	12.1	19.282559	-99.478555
X. C. Amomolulco - Stgo. Tianguistenco	47.26	1	2	40900	99.2	112.2	139.3	14.1	95.4	113.8	143.0	17.0	91.6	111.9	142.4	19.5	19.282114	-99.478467
T. Der. Lerma - Izq. San Pedro Tultepec	51.71	1	1	61787	103.5	120.8	142.0	16.0	118.1	141.0	144.5	22.5	106.8	138.6	144.1	23.6	19.284225	-99.501814
T. Der. Lerma - Izq. San Pedro Tultepec	51.71	1	2	62598	103.3	119.7	141.6	15.6	115.7	140.4	144.4	21.8	107.3	138.7	144.2	23.6	19.280403	-99.502660
T. Izq. San Mateo Atenco (Alta)	52.00	3	1	63836	102.2	109.4	123.8	9.2	92.9	103.1	112.6	13.5					19.285955	-99.535461
T. Izq. San Mateo Atenco (Baja)	52.00	3	1	13815	49.0	54.8	70.3	9.1	47.7	54.1	67.6	8.9	45.6	52.8	65.5	8.6	19.286349	-99.535445
T. Izq. San Mateo Atenco (Baja)	52.00	3	2	15137	60.8	68.2	82.8	9.6	64.4	72.5	84.8	9.1	61.9	69.4	83.4	9.2	19.285251	-99.535375
T. Izq. San Mateo Atenco (Alta)	52.00	3	2	63286	108.2	121.6	140.9	13.7	103.2	134.7	143.7	26.6					19.285530	-99.535462
X. C. Libramiento de Toluca (Baja)	62.20	1	1	15266	64.0	73.3	90.7	10.9	58.7	71.0	84.9	13.3	53.3	64.9	82.3	12.9	19.288496	-99.621583
X. C. Libramiento de Toluca (Alta)	62.20	1	1	67297	95.0	103.6	120.3	9.9	88.8	100.0	111.2	12.5					19.288499	-99.621593
X. C. Libramiento de Toluca (Alta)	62.20	1	2	70305	84.4	94.3	110.3	11.2	80.8	90.7	101.7	11.2					19.287740	-99.621625
X. C. Libramiento de Toluca (Baja)	62.20	1	2	16172	61.2	70.5	85.4	10.9	59.2	71.5	85.6	13.4	53.7	65.3	82.5	12.7	19.287725	-99.621625
Toluca	66.00																	

DISTRITO FEDERAL

5 C A R R : San Gregorio - Oaxtepec

CLAVE: 00901

RUTA: MEX-113

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)

COORDENADAS

KM TE SC TDPA

Promedio	P 85	P 98	δ
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Promedio	P 85	P 98	δ
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Promedio	P 85	P 98	δ
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Latitud	Longitud
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[illegible]

6 C A R R : México - Cuernavaca (Cuota)

CLAVE: 00041

RUTA: MEX-095D

AÑO : 2013

L U G A R

ESTACION

| VELOCIDAD AUTOS (km/h) |

VELOCIDAD AUTOBUSES (km/h)

VELOCIDAD CAMIONES (km/h)

COORDENADAS

KM TE SC TDPA

Promedio	P 85	P 98	δ
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Promedio	P 85	P 98	δ
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Promedio	P 85	P 98	δ
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Latitud	Longitud
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[illegible]

DISTRITO FEDERAL

7 C A R R : México - Pachuca (Cuota)

CLAVE: 00432

ruta: MEX-085D

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. México - Pachuca (Libre)	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	9.86																	
Caseta de Cobro Ojo de Agua	25.00	2	1	25727													19.618818	-99.029462
Caseta de Cobro Ojo de Agua	25.00	2	2	25727													19.618818	-99.029462
Caseta de Cobro Ojo de Agua	25.00	3	1	23627	87.8	99.9	114.5	13.2	94.7	114.9	141.6	19.0	79.2	104.7	137.0	23.5	19.621796	-99.028159
Caseta de Cobro Ojo de Agua	25.00	3	2	23230	71.3	80.6	100.8	11.2	68.9	78.0	93.1	10.8	65.4	74.9	93.7	11.4	19.621797	-99.028157
T. Izq. Tecámac	35.62	3	1	17243	110.9	122.6	138.8	13.2	99.0	108.1	126.6	10.9	94.1	107.9	124.7	15.1	19.717946	-98.960104
T. Izq. Tecámac	35.62	3	2	19934	107.2	122.8	141.1	15.5	103.0	116.3	137.9	14.1	98.8	113.5	137.7	15.5	19.718127	-98.960155
Lim. Edos. Term. Mex. Ppia. Hgo.	49.60																	
X. C. Otumba - Tizayuca	53.45	1	1	14927	124.9	138.0	144.1	12.9	116.4	137.2	144.0	16.7	104.8	135.5	143.7	24.4	19.827120	-98.949445
X. C. Otumba - Tizayuca	53.45	1	2	14405	99.6	117.2	139.4	17.3	71.4	92.5	104.3	19.2	90.4	110.4	136.9	18.9	19.827139	-98.949620
T. C. México - Pachuca (Libre)	60.50	1	1	20596	91.5	110.7	132.6	18.2	90.4	102.2	124.6	14.2	87.2	101.5	124.8	15.1	19.884177	-98.937430
T. C. México - Pachuca (Libre)	60.50	1	2	20962	99.5	118.0	140.8	16.4	107.4	135.5	143.7	20.3	104.8	132.9	143.5	21.0	19.884236	-98.937585

8 C A R R : México - Puebla (Cuota)

CLAVE: 00450

ruta: MEX-150D

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
México	0.00																	
Ent. Concordia	17.00	3	1	56396	85.0	97.2	114.7	13.2	84.3	94.3	111.3	12.3	79.0	93.5	113.6	15.9	19.353168	-98.989172
Ent. Concordia	17.00	3	2	54943	90.1	101.9	121.9	13.3	84.9	101.1	123.9	17.3	76.3	99.9	121.6	23.9	19.353793	-98.989519
Lim. Edos. Term. D. F. Ppia. Mex.	17.51																	
Av. Las Torres (Eje 6)	19.27	1	1	63282	85.4	97.6	114.9	13.2	84.3	94.4	111.2	12.3	78.0	93.1	112.9	16.3	19.347464	-98.983203
Av. Las Torres (Eje 6)	19.27	1	2	62906	82.8	99.3	121.9	17.7	83.0	99.8	122.0	18.2	73.0	98.9	120.8	26.2	19.347459	-98.983220
Av. Las Torres (Eje 6)	19.27	3	1	64554	81.1	91.2	108.6	11.4	76.9	84.3	95.6	9.6	73.9	83.1	99.4	11.0	19.340234	-98.976754
Av. Las Torres (Eje 6)	19.27	3	2	68709	65.1	74.6	93.1	11.3	63.0	72.6	124.1	12.8	59.6	70.1	90.4	12.9	19.340296	-98.976537
Eje 10 Sur	22.80	1	1	75764	83.7	98.0	118.4	14.3	77.8	90.5	106.4	13.9	76.1	90.1	111.4	15.0	19.327886	-98.963587
Eje 10 Sur	22.80	1	2	74085	76.4	85.7	104.4	11.7	77.7	89.7	109.4	13.4	74.4	84.8	105.7	13.1	19.327977	-98.963383
Eje 10 Sur	22.80	3	1	69180	84.0	94.9	112.9	12.6	81.1	91.1	102.8	11.6	79.5	91.3	104.7	12.9	19.314595	-98.947777
Eje 10 Sur	22.80	3	2	70774	93.3	104.8	132.3	14.2	90.3	99.7	116.0	11.7	88.3	101.1	119.4	14.2	19.314688	-98.947655
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	1	1	47732	53.1	54.9	136.7	12.8	55.9	54.2	88.7	4.9	52.5	53.8	73.4	7.2	19.292562	-98.889008
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	1	2	46310	101.1	113.4	129.4	14.2	92.3	99.8	113.4	9.9	85.8	100.6	117.0	15.3	19.292588	-98.888978
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	3	1	9842	81.3	91.0	104.7	11.3	73.7	81.6	92.1	9.4	68.0	78.7	94.5	12.2	19.294032	-98.879000
X. C. Santa Bárbara - Izúcar de Matamoros	32.14	3	2	10033	80.4	91.2	108.6	11.9	75.0	92.3	134.6	16.4	68.1	90.2	139.3	21.1	19.294016	-98.879006
Caseta de Cobro San Marcos	33.30	2	1	15248													19.296361	-98.870726

DISTRITO FEDERAL

8 C A R R : México - Puebla (Cuota)

CLAVE: 00450

RUTA: MEX-150D

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	33.30	2	2	15248													19.296361	-98.870726
T. Izq. Río Frío	63.79	3	1	15662	88.2	104.4	120.4	16.7	77.9	90.8	104.5	13.4	68.9	84.8	106.7	16.1	19.351155	-98.665610
T. Izq. Río Frío	63.79	3	2	13074	88.5	103.8	121.6	15.8	76.1	85.4	99.6	11.2	69.3	82.3	102.2	14.5	19.351121	-98.665594
Lim. Edos. Term. Mex. Ppia. Pue.	65.46																	
T. Izq. Tlaxcala	90.61	1	1	29106	41.9	49.9	65.3	9.9	39.5	48.5	62.8	10.6	36.0	44.4	62.8	10.5	19.276093	-98.441033
T. Izq. Tlaxcala	90.61	1	2	28964	49.9	58.3	76.1	10.4	49.1	57.7	79.8	11.0	45.6	53.5	80.4	10.5	19.276188	-98.440881
T. Izq. Tlaxcala	90.61	3	1	25043	53.0	57.8	119.6	10.5	57.8	67.4	108.0	12.1	56.9	68.2	125.6	14.3	19.262183	-98.418038
T. Izq. Tlaxcala	90.61	3	2	24832	52.5	58.5	71.3	8.1	46.3	52.2	61.5	7.9	45.4	52.2	64.5	8.4	19.262343	-98.417833
Caseta de Cobro San Martín Texmelucan	91.00	2	1	21579													19.241098	-98.385680
Caseta de Cobro San Martín Texmelucan	91.00	2	2	21579													19.241098	-98.385680
Lim. Edos. Term. Pue. Ppia. Tlax.	103.00																	
Lim. Edos. Term. Tlax. Ppia. Pue.	107.00																	
T. C. Puebla - Tlaxcala	124.90																	

9 C A R R : México - Toluca (Cuota)

CLAVE: 00446

RUTA: MEX-134D

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. México - Toluca (Libre) (Puente Conafrut)	0.00	3	1	32737	89.7	99.6	119.1	11.6	84.7	91.7	108.3	8.7	80.5	91.4	119.0	12.9	19.380113	-99.251885
T. C. México - Toluca (Libre) (Puente Conafrut)	0.00	3	2	31508	89.9	99.9	119.7	11.6	84.7	92.0	110.4	8.9	80.2	91.0	116.5	12.9	19.380108	-99.251877
Caseta de Cobro Santa Fe	3.50	1	1	27464	76.5	82.5	94.3	7.9	71.2	74.1	83.1	6.9	67.5	73.8	83.8	9.7	19.369454	-99.265893
Caseta de Cobro Santa Fe	3.50	1	2	27090	76.6	82.5	94.4	8.0	71.1	74.1	83.1	7.0	67.5	73.9	83.9	9.9	19.369532	-99.265978
Caseta de Cobro Santa Fe	3.50	3	1	26484	81.5	89.1	101.5	9.6	73.6	78.5	84.5	6.7	69.6	77.7	86.1	10.6	19.355794	-99.277926
Caseta de Cobro Santa Fe	3.50	3	2	26469	81.7	88.7	101.0	9.1	73.8	78.4	84.5	6.4	69.9	77.5	86.0	10.3	19.355777	-99.277793
Caseta de Cobro La Venta	10.00	1	1	24998	82.6	93.2	111.7	12.2	71.4	79.3	90.3	10.2	68.1	81.8	101.7	15.1	19.334417	-99.305875
Caseta de Cobro La Venta	10.00	1	2	23626	82.6	93.0	111.1	11.9	72.2	79.7	90.5	9.6	68.9	82.0	102.0	14.8	19.334420	-99.305877
Caseta de Cobro La Venta	10.00	2	1	20228													19.332891	-99.314468
Caseta de Cobro La Venta	10.00	2	2	20228													19.332891	-99.314468
Caseta de Cobro La Venta	10.00	3	1	31157	95.4	104.8	124.0	11.0	90.4	97.4	108.9	9.6	86.4	97.9	114.6	13.2	19.323174	-99.318879
Caseta de Cobro La Venta	10.00	3	2	31971	96.5	106.2	124.6	11.2	92.0	98.9	111.6	9.2	85.7	98.2	114.9	13.8	19.323181	-99.318875
Lim. Edos. Term. D. F. Ppia. Mex.	18.66																	
T. C. México - Toluca (Libre) (La Marquesa)	19.20	1	1	36537	103.5	114.9	134.0	12.8	95.2	106.9	123.7	11.4	83.9	106.4	123.9	22.2	19.300079	-99.364764
T. C. México - Toluca (Libre) (La Marquesa)	19.20	1	2	36204	85.9	97.6	118.6	12.7	78.7	84.9	98.5	9.8	74.3	89.7	110.1	15.9	19.300079	-99.364762

DISTRITO FEDERAL

10 C A R R : México - Querétaro (Cuota)

CLAVE: 00411

RUTA: MEX-057-MEX-057D

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
México	0.00																	
Lim. Edos. Term. D. F. Ppia. Mex.	11.30																	
Caseta de Cobro Tepotzotlán	43.01	2	1	25513													19.715358	-99.207587
Caseta de Cobro Tepotzotlán	43.01	2	2	25513													19.715358	-99.207587
Ent. Jorobas	56.18	1	1	25483	97.1	113.5	134.0	16.1	93.7	103.2	125.7	11.7	89.1	98.4	121.8	12.0	19.811311	-99.238734
Ent. Jorobas	56.18	1	2	25977	98.8	117.6	138.4	18.1	96.6	106.3	132.1	12.9	91.7	102.8	125.4	13.4	19.811311	-99.238735
Ent. Jorobas	56.18	3	1	27468	124.0	137.4	144.0	12.7	112.5	136.3	143.8	16.1	105.4	122.9	142.7	15.9	19.827909	-99.254968
Ent. Jorobas	56.18	3	2	30304	96.3	108.2	124.9	12.6	88.0	93.5	103.6	9.2	83.5	91.7	103.6	10.0	19.828120	-99.254874
Lim. Edos. Term. Mex. Ppia. Hgo.	59.85																	
T. Der. Tepeji del Río	69.36	1	1	25679	96.5	112.6	132.5	15.7	94.4	103.7	126.7	11.6	88.6	98.5	121.9	12.2	19.874062	-99.335772
T. Der. Tepeji del Río	69.36	1	2	26050	98.6	117.3	138.7	18.2	96.9	106.4	132.0	12.7	92.7	102.8	124.8	12.5	19.871344	-99.338694
T. Der. Tepeji del Río	69.36	3	1	24360	97.0	113.1	133.6	15.9	93.9	103.0	124.8	11.3	88.7	96.2	118.3	11.1	19.908211	-99.352524
T. Der. Tepeji del Río	69.36	3	2	24739	98.8	117.1	137.9	17.8	96.2	105.0	130.8	12.6	91.6	101.9	122.3	12.6	19.908192	-99.352532
T. Izq. Jilotepec	83.75	1	1	23258	96.8	113.2	133.7	16.1	93.7	102.9	124.8	11.4	88.7	96.3	118.4	11.1	19.975301	-99.435924
T. Izq. Jilotepec	83.75	1	2	22830	98.1	116.7	137.8	18.0	96.3	104.9	130.9	12.4	91.7	102.2	123.7	12.8	19.977507	-99.437989
T. Izq. Jilotepec	83.75	3	1	24886	108.8	138.6	144.1	23.0	107.1	138.5	144.1	21.9	94.3	116.9	142.7	18.7	19.985904	-99.444291
T. Izq. Jilotepec	83.75	3	2	24954	101.3	120.1	139.8	17.9	96.1	103.9	126.4	11.2	92.0	102.3	123.2	12.4	19.987398	-99.451138
Lim. Edos. Term. Hgo. Ppia. Mex.	86.00																	
X. C. Jilotepec - Maravillas	107.00	1	1	23989	96.4	113.0	134.1	16.2	93.5	102.5	124.5	11.4	88.5	96.0	117.9	11.1	20.082509	-99.625768
X. C. Jilotepec - Maravillas	107.00	1	2	23537	95.9	115.3	137.2	18.7	96.4	104.8	130.5	12.4	91.5	101.9	122.4	12.6	20.082517	-99.625744
X. C. Jilotepec - Maravillas	107.00	3	1	24244	97.2	113.3	133.7	15.9	93.9	103.3	125.3	11.6	88.9	96.6	119.1	11.2	20.082908	-99.633083
X. C. Jilotepec - Maravillas	107.00	3	2	22864	98.5	116.9	137.8	17.8	96.2	104.9	130.6	12.5	91.4	101.8	122.9	12.7	20.082825	-99.631218
T. Izq. Aculco	125.00	1	1	25665	114.9	133.3	143.5	15.7	109.3	131.3	143.5	16.3	107.6	128.9	143.3	17.0	20.098728	-99.693993
T. Izq. Aculco	125.00	1	2	25711	103.3	119.0	138.8	15.7	94.1	104.0	139.9	13.0	92.5	106.4	139.7	15.3	20.097337	-99.693075
T. Izq. Aculco	125.00	3	1	21871	115.3	133.8	143.5	15.8	109.5	132.0	143.5	16.5	103.9	118.3	142.0	14.6	20.109611	-99.706156
T. Izq. Aculco	125.00	3	2	21891	105.4	120.2	139.2	14.6	95.3	105.8	141.0	13.3	90.7	102.0	136.5	13.6	20.109395	-99.706501
Lim. Edos. Term. Mex. Ppia. Qro.	145.50																	
Caseta de Cobro Palmillas	145.80	2	1	22359													20.296103	-99.928994
Caseta de Cobro Palmillas	145.80	2	2	22359													20.296103	-99.928994
T. Izq. Toluca	148.50	1	1	20562	116.1	134.2	143.6	15.7	111.0	135.5	143.7	17.2	103.4	116.8	141.8	14.3	20.289435	-99.916829
T. Izq. Toluca	148.50	1	2	20433	105.2	120.1	138.9	14.7	94.9	104.7	140.2	12.8	90.2	101.0	134.6	13.2	20.290172	-99.919113
T. Izq. Toluca	148.50	3	1	28948	115.5	133.8	143.5	15.8	109.8	132.9	143.6	16.7	104.2	119.5	142.3	14.8	20.306426	-99.934520
T. Izq. Toluca	148.50	3	2	28376	105.1	120.3	139.3	14.9	95.5	106.3	141.0	13.4	90.2	101.2	135.9	13.5	20.306819	-99.935052
T. Der. Poniente San Juan del Río	164.10	3	1	20446	112.4	124.3	141.4	12.9	107.8	125.4	143.2	15.2	104.1	116.8	141.6	13.4	20.373384	-99.993161
T. Der. Poniente San Juan del Río	164.10	3	2	20540	94.6	111.9	133.4	16.0	83.3	92.5	113.7	11.1	79.8	88.1	110.7	10.9	20.373462	-99.994242

DISTRITO FEDERAL

10 C A R R : México - Querétaro (Cuota)

CLAVE: 00411

RUTA: MEX-057-MEX-057D

AÑO : 2013

[illegible]

11 CARR: Chalco - Mixquic

CLAVE: 00171

RUTA : EM-DF

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													Latitud	Longitud
					Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ		
Chalco	0.00		3 1	11316	40.9	43.1	50.8	5.8	38.8	49.6	54.7	10.7	35.7	43.0	53.4	8.5	19.240775	-98.908959
Chalco	0.00		3 2	11347	47.3	51.3	59.6	6.0	44.7	47.1	53.9	4.2	43.4	48.7	54.6	7.2	19.240775	-98.908960
Lim. Edos. Term. Mex. Ppia. D. F.	8.00																	
Mixquic	10.00		1 0	5736	66.4	80.0	98.0	13.8	56.7	54.5	74.7	3.4	56.2	67.6	86.1	10.9	19.224690	-98.945203

12 C A R R : Chalco - Tláhuac

CLAVE: 00170

RUTA: EM-DF

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	
Chalco	0.00		3	1	10962	69.7	83.2	102.3	14.2	67.8	81.4	99.2	13.8	64.6	78.3	100.3	13.5	19.248836	-98.920501
Chalco	0.00		3	2	10014	61.5	73.7	92.3	13.4	60.2	72.9	90.5	13.5	57.6	69.2	86.4	11.8	19.248836	-98.920501
Lim. Edos. Term. Mex. Ppia. D. F.	7.50																		
Tláhuac	12.00		1	0	16039	64.0	76.8	102.3	13.8	68.1	83.3	106.0	15.2	61.7	74.1	102.9	12.7	19.264232	-98.992421

13 CARR: T. C. (México - Mixquic) - San Pablo Atlazalpan

CLAVE: 00044

RUTA: EM-106-DF

AÑO : 2013

[illegible]

DISTRITO FEDERAL

14 C A R R : Xalatlaco - El Ajusco

CLAVE: 00017

RUTA: EM-DF

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. Cruz de La Misión - San Nicolás Coatepec	0.00	3	0	2276	29.0	31.9	46.2	6.0	27.0	29.8	51.7	6.1	35.0	50.2	54.5	12.9	19.163973	-99.406871
Lim. Edos. Term. Mex. Ppia. D. F.	17.70																	
T. C. Circuito del Ajusco	27.60	1	0	970	49.9	54.3	64.4	8.2	51.4	56.8	63.9	8.9	47.6	53.1	66.1	9.8	19.207217	-99.276428

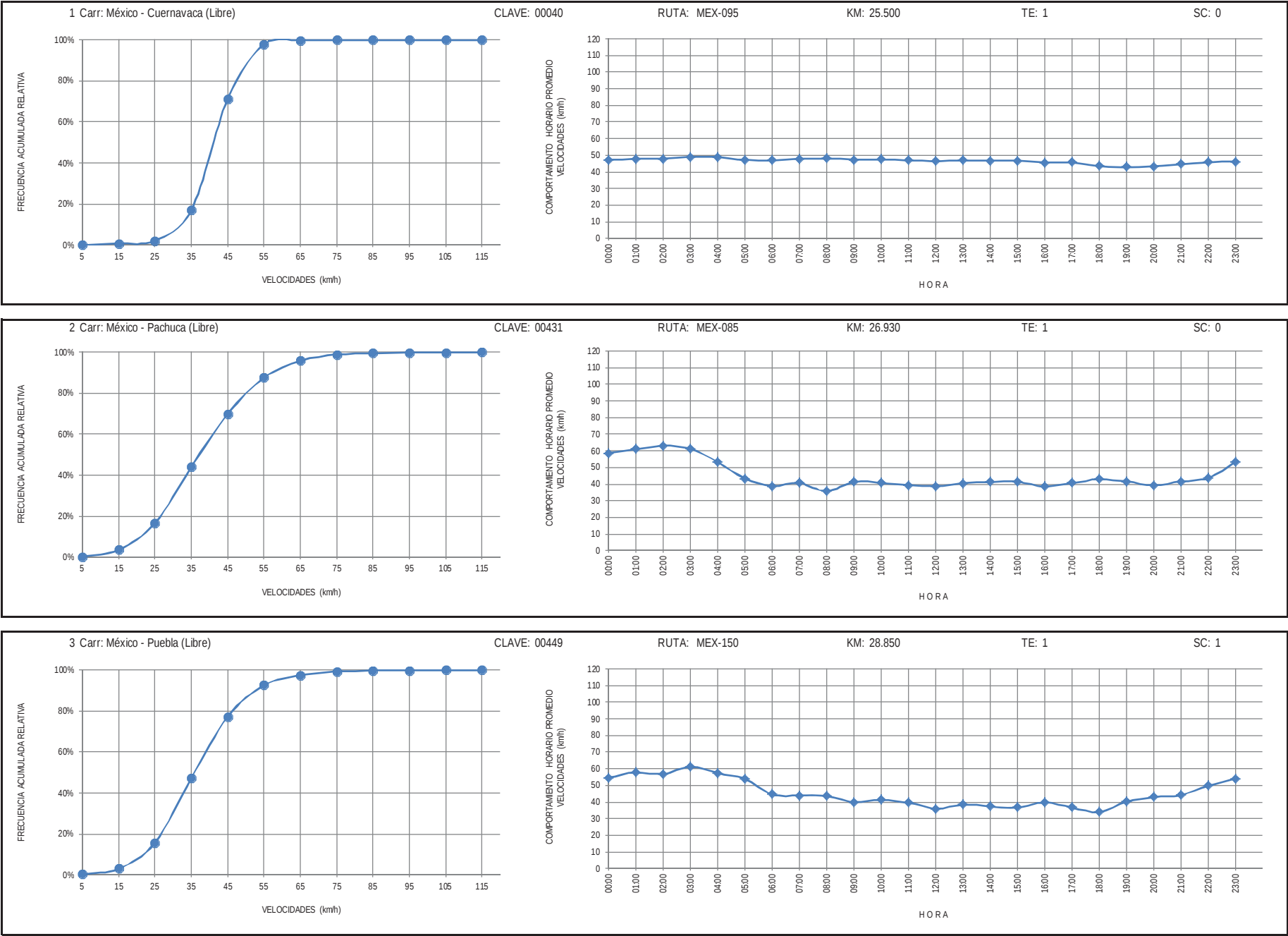
15 C A R R : La Venta - Chamapa (Cuota)

CLAVE: 15014

RUTA: EM-D

AÑO: 2013

L U G A R	E S T A C I O N				VELOCIDAD AUTOS (km/h)				VELOCIDAD AUTOBUSES (km/h)				VELOCIDAD CAMIONES (km/h)				C O O R D E N A D A S	
	KM	TE	SC	TDPA	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Promedio	P 85	P 98	δ	Latitud	Longitud
Plaza de Cobro La Venta	0.00	1	1	17829	97.6	110.6	129.1	13.6	81.8	96.4	114.7	15.5	80.2	97.8	119.9	17.4	19.355319	-99.304577
Plaza de Cobro La Venta	0.00	1	2	18155	97.8	110.9	129.2	13.6	82.4	96.8	116.7	15.4	79.9	97.5	119.1	17.4	19.355323	-99.304478
Plaza de Cobro La Venta	0.10	2	1	10718													19.355452	-99.304607
Plaza de Cobro La Venta	0.10	2	2	10718													19.355452	-99.304607
T. Der. Interlomas	5.60	3	1	22037	58.1	63.1	74.4	7.4	55.9	59.2	64.4	4.8	57.4	62.1	74.1	6.7	19.399408	-99.296743
T. Der. Interlomas	5.60	3	2	23131	58.3	63.3	74.5	7.5	55.9	59.5	64.4	5.0	57.9	62.7	74.6	7.1	19.399361	-99.296926
X. C. Naucalpan - Toluca	11.10	1	1	21608	97.4	110.7	129.2	13.7	82.4	97.2	118.5	15.7	78.4	94.9	116.8	17.2	19.429249	-99.295608
X. C. Naucalpan - Toluca	11.10	1	2	21106	95.8	108.6	126.2	13.1	82.0	95.8	115.6	15.1	77.4	93.9	114.8	16.9	19.429169	-99.295826



4 Carr: México - Toluca

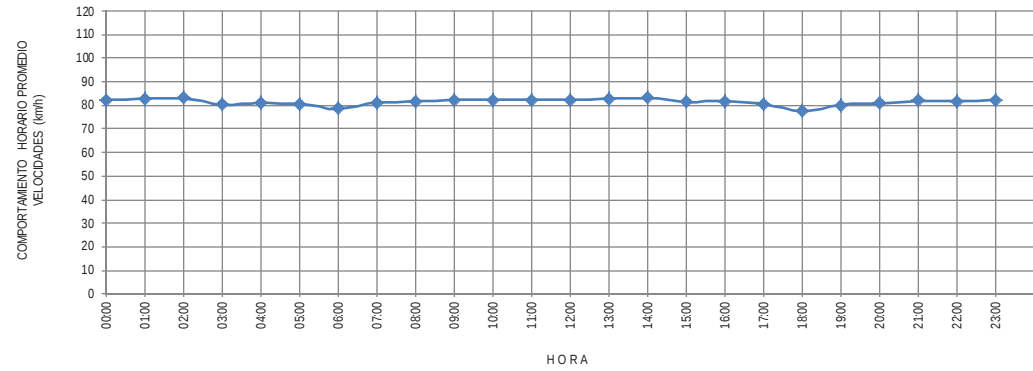
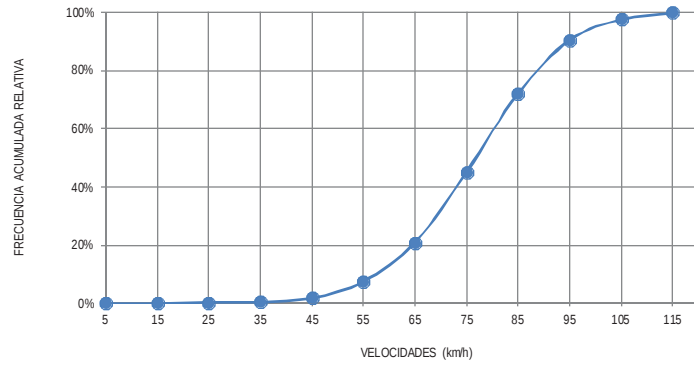
CLAVE: 00447

ruta: MEX-015

KM: 12.840

TE: 3

SC: 1



5 Carr: San Gregorio - Oaxtepec

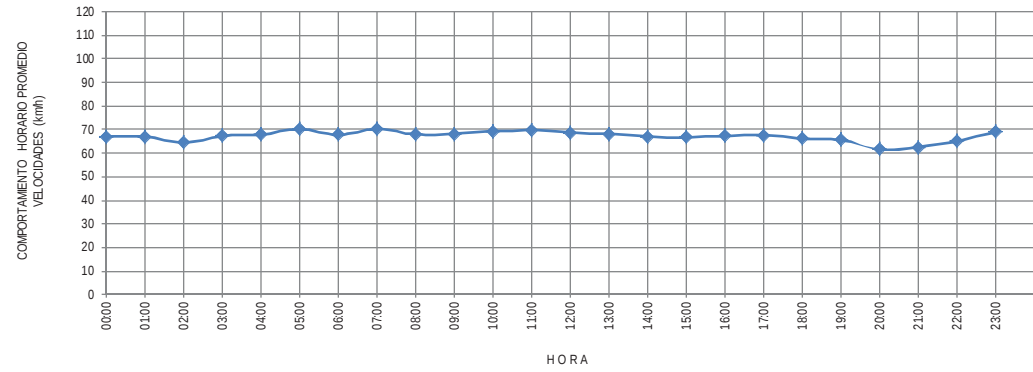
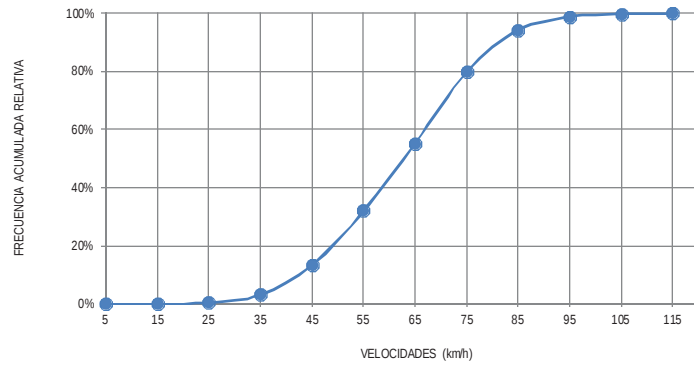
CLAVE: 00901

ruta: MEX-113

KM: 0.000

TE: 3

SC: 0



6 Carr: México - Cuernavaca (Cuota)

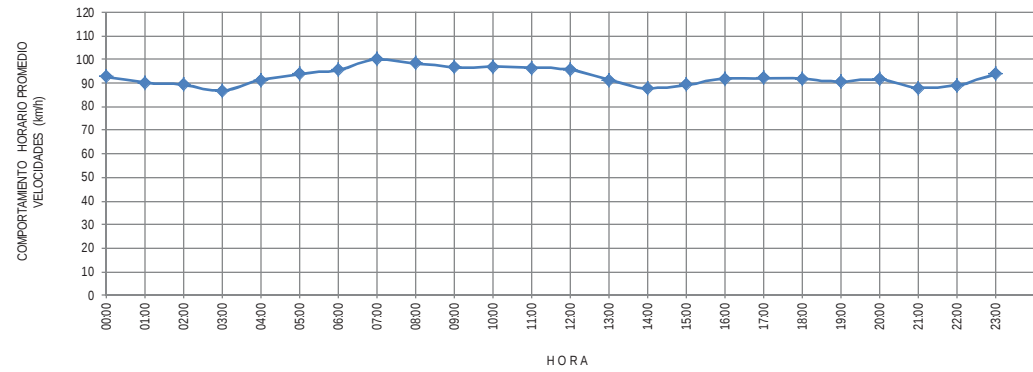
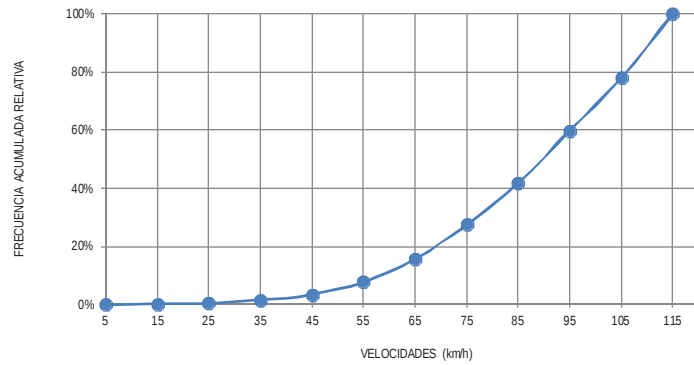
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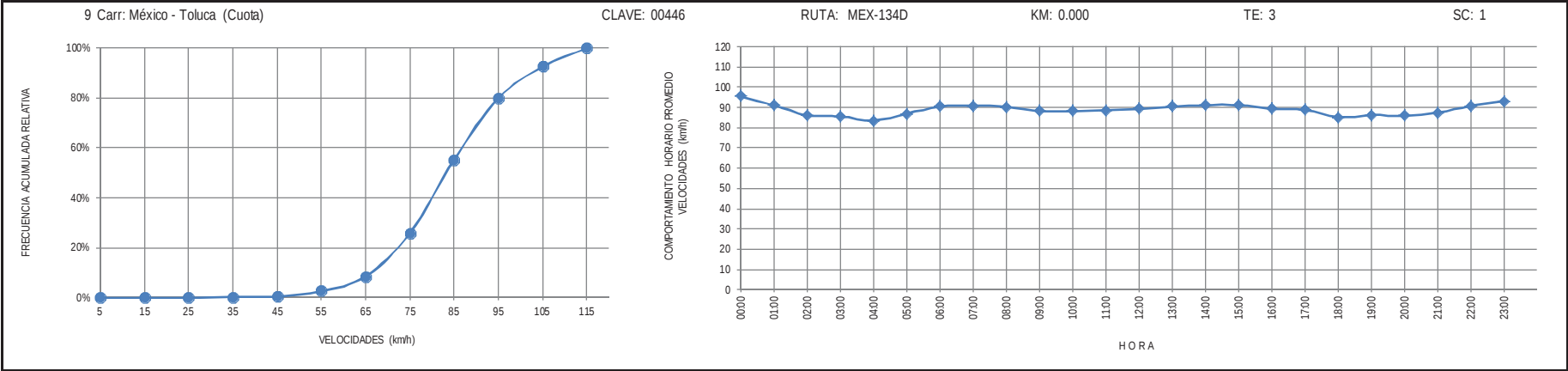
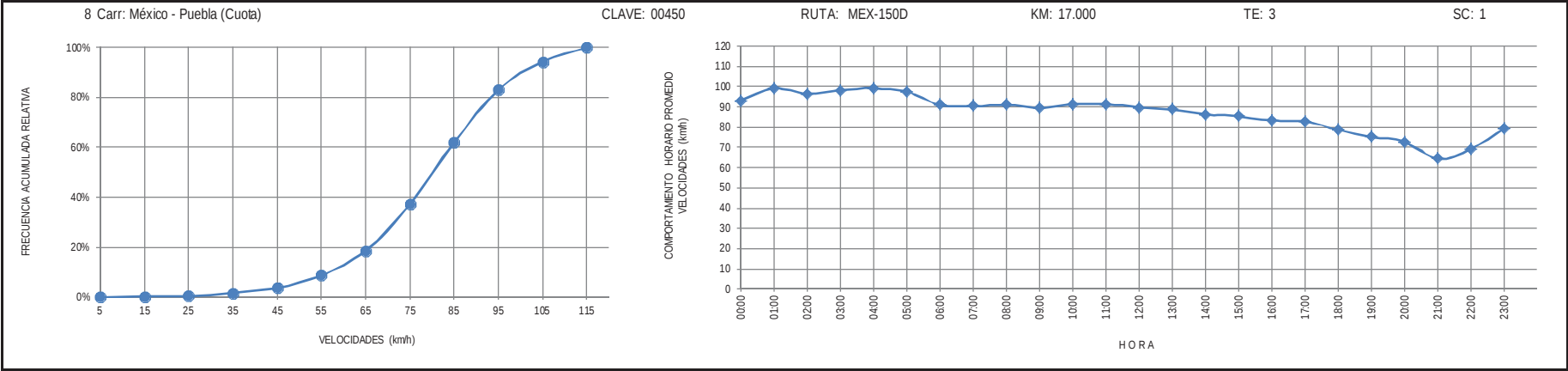
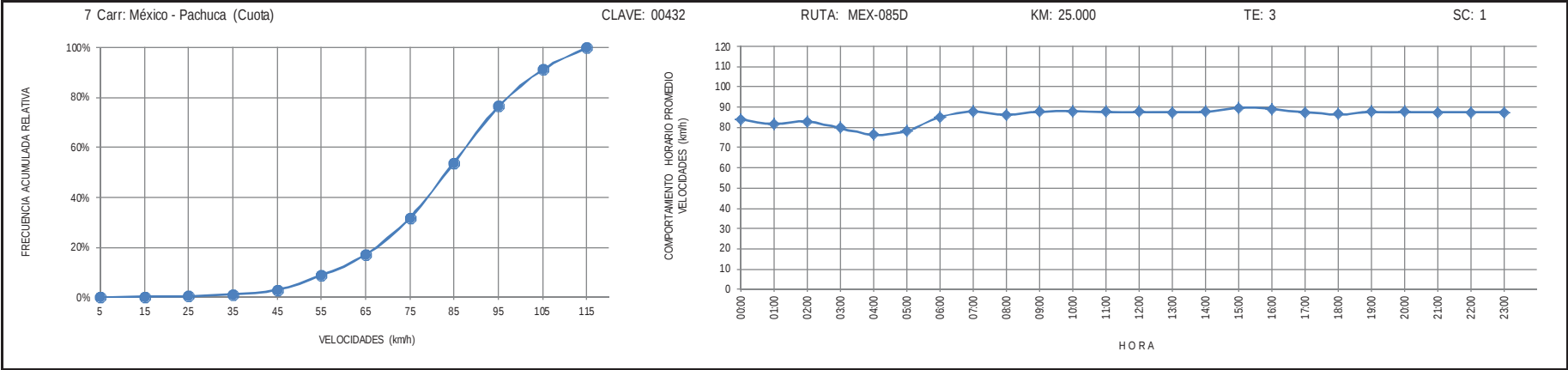
ruta: MEX-095D

KM: 18.650

TE: 3

SC: 1





10 Carr: México - Querétaro (Cuota)

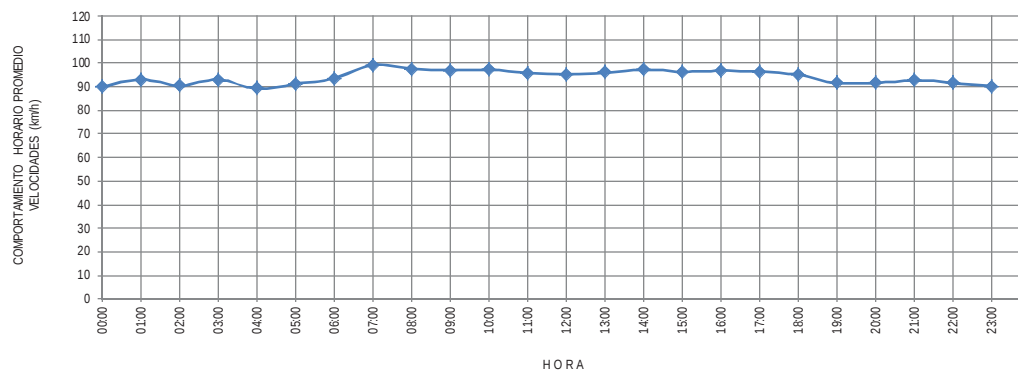
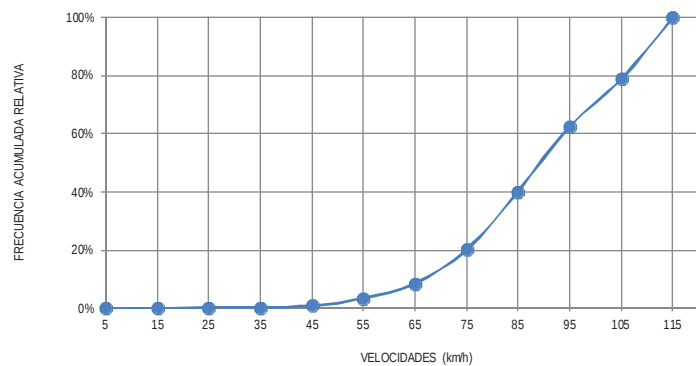
CLAVE: 00411

ruta: MEX-057-MEX-05'

KM: 56.180

TE: 1

SC: 1



11 Carr: Chalco - Mixquic

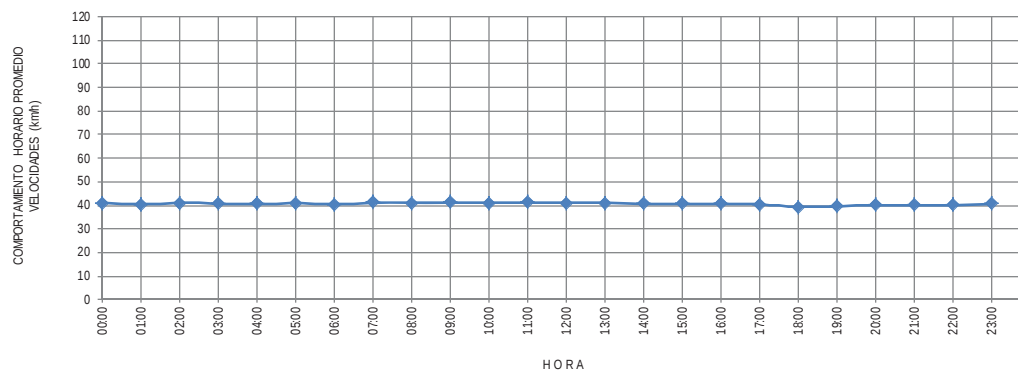
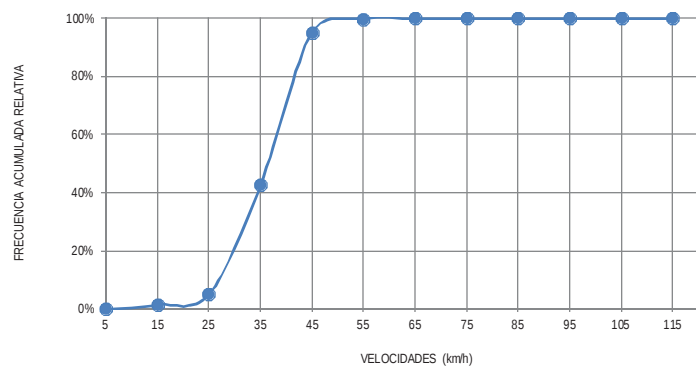
CLAVE: 00171

ruta: EM-DF

KM: 0.000

TE: 3

SC: 1



12 Carr: Chalco - Tláhuac

CLAVE: 00170

ruta: EM-DF

KM: 0.000

TE: 3

SC: 1

