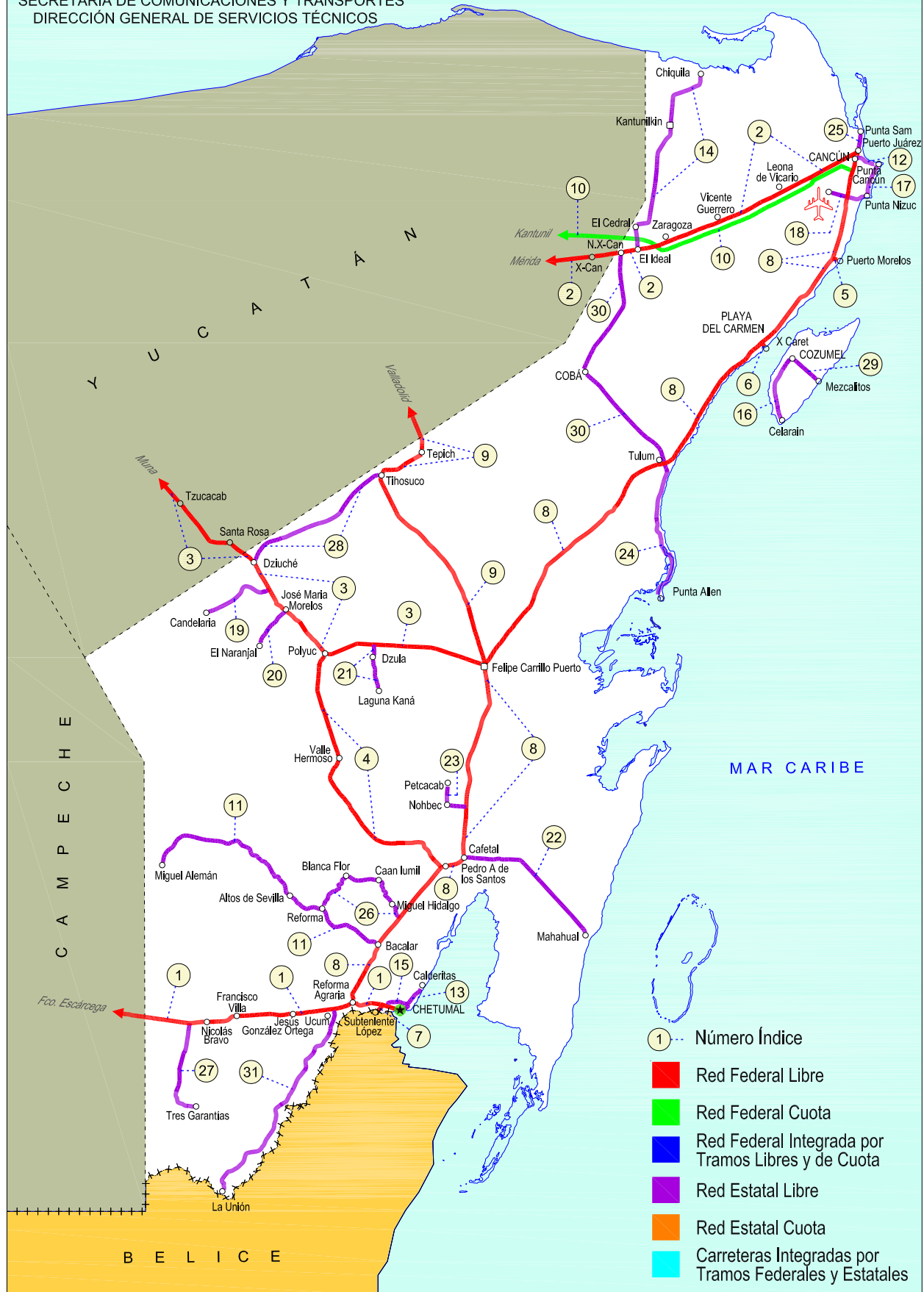


QUINTANA ROO

NO. INDICE	CARRETERA	RUTA
---RED FEDERAL LIBRE---		
1	Francisco Escárcega - Chetumal	MEX-186
2	Mérida - Puerto Juárez	MEX-180
3	Muna - Felipe Carrillo Puerto	MEX-184
4	Polyuc - T. C. (Reforma Agraria - Puerto Juárez)	MEX-293
5	Ramal a Puerto Morelos	MEX
6	Ramal a Punta Piedra	MEX
7	Ramal a Subteniente López	MEX-186
8	Reforma Agraria - Puerto Juárez	MEX-307
9	Valladolid - Felipe Carrillo Puerto	MEX-295
---RED FEDERAL DE CUOTA---		
10	Mérida - Cancún (Cuota)	MEX-180D
---RED ESTATAL LIBRE---		
11	Bacalar - Miguel Alemán	QR
12	Cancún - Punta Cancún	QR
13	Chetumal - Calderitas	QR-004
14	El Ideal - Chiquila	QR-005
15	Libramiento de Chetumal	QR
16	Perimetral Cozumel	QR
17	Punta Nizuc - Cancún	QR
18	Ramal a Aeropuerto Cancún	QR
19	Ramal a Candelaria	QR
20	Ramal a El Naranjal	QR
21	Ramal a Laguna de Kaná	QR
22	Ramal a Mahahual	QR
23	Ramal a Petcacab	QR-018
24	Ramal a Punta Allen	QR-015
25	Ramal a Punta Sam	QR
26	Ramal a Reforma	QR-016
27	Ramal a Tres Garantías	QR
28	Tihosuco - Dziuche	QR
29	Transversal de Cozumel	QR
30	Tulum - Nuevo X-Can	QR
31	Ucum - Unión	QR

23 QUINTANA ROO

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES
DIRECCIÓN GENERAL DE SERVICIOS TÉCNICOS



QUINTANA ROO

1 C A R R : Francisco Escárcega - Chetumal

CLAVE: 00093

ruta: MEX-186

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
Francisco Escárcega	0.00	3	0	3039	67.0	78.5	97.2	12.7	63.1	74.3	87.4	11.4	59.9	73.3	91.9	13.6	18.604231	-90.718598
Adolfo López Mateos	41.50	1	0	2264	67.8	83.1	104.5	16.2	64.6	75.8	105.6	12.6	62.8	74.2	104.9	13.1	18.639290	-90.300315
T. Der. Silvituc	55.70	1	0	2265	90.1	115.5	140.1	20.9	74.3	97.6	140.1	19.6	79.8	102.0	140.2	20.1	18.651345	-90.275969
T. Der. Silvituc	55.70	3	0	1984	72.5	87.9	111.1	15.5	67.8	81.7	102.5	14.2	64.0	77.4	97.0	13.0	18.649595	-90.262072
Conhuás	100.00	1	0	1839	78.5	90.2	104.1	12.7	67.8	73.9	83.4	9.0	66.5	73.1	82.7	8.9	18.539666	-89.905541
Xpujil	155.73	1	0	2512	66.8	80.2	97.8	13.9	61.6	72.2	88.8	11.3	58.8	71.8	89.3	13.7	18.508949	-89.404795
Lim. Edos. Term. Camp. Ppia. Qroo.	179.90																	
Nicolás Bravo	206.01	1	0	2426	71.0	87.6	115.3	17.0	67.2	80.4	106.2	13.4	63.5	77.3	108.1	14.1	18.458608	-88.938727
Nicolás Bravo	206.01	3	0	2778	83.1	98.7	119.0	15.9	79.9	91.9	110.6	14.0	77.3	89.7	108.6	13.4	18.459301	-88.916192
T. Izq. Morocoy	214.90	1	0	2296	88.6	105.3	129.7	17.2	81.8	94.8	113.8	16.3	79.9	93.6	112.5	14.9	18.478872	-88.818065
T. Izq. Morocoy	214.90	3	0	2449	90.3	112.4	135.5	21.6	82.3	99.0	120.2	18.2	84.2	100.1	125.8	16.5	18.478892	-88.816105
T. Der. Unión	247.50	1	0	5057	50.8	62.7	82.6	13.2	50.4	59.3	73.8	11.1	46.9	58.2	78.6	12.6	18.504835	-88.528522
T. Der. Unión	247.50	3	0	6167	41.8	46.9	59.6	8.0	40.8	46.2	54.7	8.0	39.7	47.3	57.2	9.7	18.506037	-88.517843
T. Izq. Fpe. Carrillo Puerto	255.15	1	0	6449	82.9	92.8	108.6	11.4	76.9	86.7	95.1	11.2	75.8	84.7	102.6	11.0	18.525494	-88.470703
T. Der. Subteniente López	268.57	1	1	6986	89.0	102.4	120.6	14.4	84.9	100.0	112.5	15.0	83.0	101.3	119.5	18.3	18.516862	-88.378290
T. Der. Subteniente López	268.57	1	2	6546	99.6	114.4	131.4	16.0	113.6	139.1	144.2	25.4	110.5	138.1	144.1	25.7	18.516863	-88.378287
T. Izq. Av. Insurgentes	270.00	1	1	10923	78.2	89.0	104.4	12.1	76.8	84.7	98.8	10.4	73.8	85.2	103.6	13.1	18.513442	-88.362784
T. Izq. Av. Insurgentes	270.00	1	2	10892	73.0	82.0	94.6	10.5	69.8	76.7	90.6	9.6	68.0	76.5	91.2	10.5	18.513442	-88.362777
T. Izq. Av. Insurgentes	270.00	3	1	5134	82.5	93.9	111.8	12.8	77.5	88.0	102.6	12.2	77.7	89.7	110.3	13.2	18.510694	-88.354036
T. Izq. Av. Insurgentes	270.00	3	2	5369	99.0	120.9	140.4	20.3	105.0	137.0	143.9	25.5	105.9	137.3	144.0	25.8	18.510685	-88.354042
Chetumal	277.36	1	1	7809	54.3	61.7	74.6	8.9	54.8	62.6	75.7	9.0	53.0	62.8	75.0	11.2	18.500632	-88.316462
Chetumal	277.36	1	2	7754	58.8	65.4	79.6	9.3	57.3	64.0	80.0	9.0	56.0	64.9	82.0	10.6	18.500639	-88.316452

2 C A R R : Mérida - Puerto Juárez

CLAVE: 00067

ruta: MEX-180

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
Mérida	0.00																	
X. Periférico de Mérida	5.60	1	1	10160	51.7	59.4	71.2	9.4	48.7	56.3	69.6	10.3	47.4	55.3	67.5	10.5	20.957355	-89.571923
X. Periférico de Mérida	5.60	1	2	10193	53.7	62.5	74.6	10.3	52.9	60.0	74.1	9.8	49.2	62.4	75.0	14.7	20.957356	-89.571931
X. Periférico de Mérida	5.60	3	1	10906	52.1	59.9	71.5	9.6	49.9	57.3	69.5	10.1	46.3	56.7	70.7	12.4	20.955090	-89.566575
X. Periférico de Mérida	5.60	3	2	11288	49.5	54.3	64.3	8.1	46.3	51.1	59.4	6.7	44.5	50.8	62.0	7.7	20.955087	-89.566580
Teya	13.00	1	1	8479	88.9	104.8	125.4	16.9	85.8	101.1	114.3	16.2	83.8	101.8	122.8	17.3	20.936534	-89.532177
Teya	13.00	1	2	7934	85.6	102.3	122.6	17.3	83.4	94.6	113.3	14.5	80.1	96.4	121.5	17.6	20.936534	-89.532179
T. Der. Seyé	28.79	1	1	4722	98.7	111.8	131.6	13.9	89.6	97.7	111.4	11.7	89.3	101.9	122.6	14.1	20.891954	-89.383904

2 C A R R : Mérida - Puerto Juárez

CLAVE: 00067

RUTA : MEX-180

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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28 79	1	2	4756
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95.9	108.6	125.3	13.3
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87.2	93.9	106.2	10.6
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85.7	96.5	115.6	12.3
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20 891958 -89 383930

T. Der. Seyé	28.79	1	2	4756	95.9	108.6	125.3	13.3	87.2	93.9	106.2	10.6	85.7	96.5	115.6	12.3	20.891958	-89.383930
T. Der. Seyé	28.79	3	1	3985	111.9	130.2	143.1	16.5	102.2	120.9	141.8	18.0	98.7	118.5	141.0	18.4	20.891927	-89.371407
T. Der. Seyé	28.79	3	2	4304	103.4	118.7	139.2	15.0	90.7	102.4	124.2	13.7	88.0	103.1	131.0	16.6	20.891918	-89.371377
Tahmek	42.00	1	1	4298	95.8	106.7	128.6	13.3	100.2	114.4	133.8	15.7	93.3	112.1	133.3	18.9	20.875732	-89.271704
Tahmek	42.00	1	2	4372	84.3	97.6	119.6	13.9	89.0	99.5	115.3	12.3	82.9	97.4	116.5	15.8	20.875716	-89.271732
T. Izq. Hochtún (1º Acceso)	46.65	1	0	2157	74.7	92.7	124.7	17.0	73.4	97.2	128.8	17.0	74.3	102.3	133.4	20.2	20.868130	-89.216838
T. Izq. Hochtún (2º Acceso)	48.62	1	0	1037	75.3	89.4	104.5	14.6	70.7	86.6	99.6	15.9	68.2	83.5	99.8	14.8	20.859036	-89.204294
T. Izq. Hochtún (2º Acceso)	48.62	3	0	1845	67.0	83.2	102.3	16.1	65.9	79.6	92.5	12.6	69.4	83.9	97.9	14.8	20.854527	-89.196049
Kantunil	67.28	3	0	2592	74.9	91.5	110.7	16.5	57.5	70.3	84.6	11.7	58.3	70.1	87.2	11.3	20.791362	-89.019255
Libre Unión	92.91	1	0	2356	67.9	78.7	98.0	12.4	59.7	65.3	78.8	8.6	57.8	64.9	88.2	10.4	20.708445	-88.816206
Libre Unión	92.91	3	0	2327	76.2	86.0	101.5	11.5	67.6	74.8	88.5	10.0	67.4	79.5	101.4	13.3	20.706851	-88.801348
Piste	116.30	3	0	5608	59.6	68.9	82.3	10.9	57.9	64.2	77.9	8.9	56.2	64.2	82.7	10.3	20.690818	-88.579453
1er. Acceso a Zona Arqueológica de Chichen-Itzá	117.90	3	0	4369	69.3	80.5	94.6	12.4	63.8	73.8	88.6	11.4	66.5	77.6	94.2	12.3	20.688160	-88.575326
2do. Acceso a Zona Arqueológica de Chichen-Itzá	121.10	3	0	4160	77.2	87.4	101.9	11.6	73.6	81.9	93.0	9.9	72.8	82.7	95.9	11.5	20.670242	-88.558648
T. Der. Chankom	127.00	1	0	3320	73.9	86.3	107.5	13.5	71.3	84.3	101.2	13.5	68.9	82.6	106.7	14.9	20.642705	-88.490474
T. Der. Chankom	127.00	3	0	3518	75.3	87.4	104.0	12.9	73.1	84.3	94.6	12.5	71.0	83.9	99.6	14.0	20.641604	-88.486963
Valladolid	160.68	1	0	4937	61.8	70.3	84.3	10.2	56.6	62.5	76.6	8.0	57.6	64.7	82.2	10.2	20.684649	-88.230572
Valladolid	160.68	3	0	5399	68.0	79.9	96.8	12.4	67.7	77.3	90.4	10.5	65.1	75.9	92.9	11.7	20.693503	-88.170846
T. Der. Coba	187.80	1	0	4720	94.2	106.0	124.2	13.2	85.3	94.9	119.2	13.2	84.7	99.6	124.9	15.5	20.659355	-87.960244
T. Der. Chemax	189.79	1	0	3236	71.0	82.6	96.0	13.0	64.8	72.7	83.5	8.8	64.3	73.9	90.4	11.3	20.657879	-87.951542
T. Der. Chemax	189.79	3	0	2800	75.9	89.2	103.9	14.0	69.3	79.3	90.1	11.2	67.2	80.2	94.7	13.5	20.664023	-87.925895
X-Can	225.00	3	0	2226	84.3	94.0	110.3	11.5	73.2	82.1	92.6	10.7	69.0	81.4	97.9	13.4	20.860717	-87.655065
Lim. Edos. Term. Yuc. Ppia. Q. R.	230.40																	
Nuevo X-Can	231.90	3	0	2677	73.4	84.6	103.0	12.4	66.1	78.3	91.8	11.2	63.9	77.9	94.9	13.4	20.871572	-87.591235
Zaragoza	239.00	1	0	3631	65.2	74.4	89.2	10.6	61.5	68.8	80.9	9.1	59.8	69.0	84.3	10.6	20.880862	-87.536154
Vicente Guerrero	261.00	1	0	2867	68.9	76.6	87.7	10.2	61.7	67.7	75.3	8.3	59.9	68.7	82.9	10.4	20.940854	-87.331902
Leona Vicario	275.50	1	0	4647	66.2	80.1	99.8	14.0	63.2	75.5	93.8	13.3	58.2	69.6	90.7	11.5	20.980167	-87.225000
Leona Vicario	275.50	3	0	5495	62.4	77.7	93.7	15.5	65.3	75.6	84.8	10.8	60.1	74.1	91.1	14.9	20.993616	-87.188249
T. Der. Aeropuerto	302.50	1	0	5938	81.4	92.4	109.1	12.5	72.5	83.1	93.9	12.1	73.5	85.8	104.3	13.9	21.096167	-86.983333
T. Der. Aeropuerto	302.50	3	1	3623	78.3	89.6	103.8	12.5	70.8	81.3	92.4	11.5	69.3	82.1	99.8	14.2	21.102833	-86.969833
T. Der. Aeropuerto	302.50	3	2	3651	83.9	94.4	112.3	12.1	76.5	85.9	99.4	11.4	77.2	88.4	107.5	13.0	21.102833	-86.969833
T. Der. Alfredo V. Bonfil	310.00	1	1	16257	51.4	58.8	71.8	9.4	46.0	51.5	54.8	7.5	46.1	54.0	69.9	9.9	21.139167	-86.896833
T. Der. Alfredo V. Bonfil	310.00	1	2	16901	53.9	61.0	72.5	8.6	50.1	54.4	63.3	8.3	49.4	57.7	71.1	10.7	21.139167	-86.896833
Puerto Juárez	321.41																	

QUINTANA ROO

3 C A R R : Muna - Felipe Carrillo Puerto

CLAVE: 00148

RUTA: MEX-184

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
Muna	0.00	3	0	4010	53.7	61.3	74.6	9.1	51.6	56.0	68.0	7.8	48.7	57.4	72.7	11.2	20.478167	-89.698500
Ticul	19.10	1	0	3813	81.9	93.9	113.1	13.6	72.3	88.0	94.4	16.2	76.7	91.2	109.4	15.4	20.403333	-89.567833
Ticul	19.10	3	0	5167	61.8	74.3	97.7	13.9	61.6	69.8	87.8	9.5	62.5	77.8	104.2	16.2	20.373833	-89.518000
Oxkutzcab	40.50	3	0	4693	75.5	89.5	108.5	14.2	65.8	80.2	93.2	13.0	76.3	89.7	108.9	14.2	20.283528	-89.378363
Tekax	53.90	3	0	3080	58.2	69.4	83.5	12.3	61.3	69.0	81.8	8.9	58.7	69.2	86.1	11.7	20.188297	-89.267955
Tzucacab	86.60	1	0	1709	63.4	76.1	97.1	13.9	65.6	77.8	97.4	13.0	66.4	79.1	98.6	13.0	20.079213	-89.063313
Tzucacab	86.60	3	0	1308	57.2	71.5	91.1	15.0	65.0	74.3	91.1	10.0	59.2	66.9	92.8	9.8	20.065383	-89.038428
Santa Rosa	109.60	3	0	2274	90.5	102.7	121.9	13.7	80.9	92.9	108.2	15.7	78.8	92.8	116.2	15.8	19.947461	-88.880344
Lim. Edos. Term. Yuc. Ppia. Q. R.	117.00																	
Dziuche	118.00	1	0	1991	69.9	80.7	96.1	12.3	64.8	74.6	93.6	11.2	62.0	74.4	97.1	13.6	19.905894	-88.820205
Dziuche	118.00	3	0	2664	70.2	75.7	84.9	8.8	66.8	72.0	74.8	8.1	62.7	70.2	76.1	9.0	19.886716	-88.802599
José María Morelos	138.60	1	0	3591	78.8	89.9	108.7	12.4	71.3	82.5	94.2	12.5	71.7	83.6	104.2	13.2	19.763777	-88.724591
José María Morelos	138.60	3	0	2856	60.6	68.0	80.4	8.6	59.6	63.6	73.6	6.5	57.9	62.1	74.1	6.3	19.741642	-88.698372
Polyuc	161.94	1	0	2309	76.2	87.9	104.6	12.8	71.8	81.3	111.4	12.8	66.5	80.7	104.9	14.9	19.611831	-88.571842
Polyuc	161.94	3	0	1330	66.6	81.8	105.0	15.7	62.7	72.1	93.8	10.7	60.7	73.4	94.9	12.7	19.609491	-88.555573
T. Der. Dzúlá	178.11	3	0	1383	93.0	123.7	142.2	23.3	79.1	136.5	143.9	25.8	89.8	136.4	143.9	31.2	19.643490	-88.406780
Felipe Carrillo Puerto	216.97	1	0	5047	41.2	49.3	63.0	10.0	41.7	49.9	68.8	10.3	40.6	50.8	66.2	12.4	19.583822	-88.055551

4 C A R R : Polyuc - T. C. (Reforma Agraria - Puerto Juárez)

CLAVE: 23014

RUTA: MEX-293

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
Polyuc	0.00	3	0	2391	63.9	74.2	92.5	11.8	61.3	71.2	83.9	10.0	57.1	70.6	88.1	13.5	19.608423	-88.571196
T. Der. Ramonal	24.00	1	0	1313	96.0	115.9	138.1	19.5	83.7	98.3	136.7	19.2	84.0	102.5	136.7	17.5	19.400810	-88.565132
T. Der. Ramonal	24.00	3	0	1301	77.7	94.8	138.2	17.0	84.1	139.4	144.2	33.3	78.6	121.6	143.4	26.3	19.398226	-88.564383
T. Izq. Santa María Poniente	35.00	1	0	1755	95.9	116.0	139.1	19.3	85.5	102.5	137.5	19.5	81.4	101.3	136.2	19.6	19.340838	-88.547063
T. Izq. Santa María Poniente	35.00	3	0	1405	92.2	117.2	140.8	23.3	87.8	120.3	143.2	26.0	86.1	112.0	142.0	22.2	19.340098	-88.546838
Valle Hermoso	50.00	3	0	1444	57.7	70.8	85.4	14.0	59.8	69.2	90.0	11.0	53.0	62.2	86.0	10.9	19.180581	-88.523074
T. Izq. Chacchoben	93.50	1	0	1692	91.8	107.9	129.6	17.0	80.7	94.1	113.8	16.8	75.7	92.5	120.7	16.6	18.982968	-88.218735
T. Izq. Chacchoben	93.50	3	0	1478	63.6	77.6	95.6	14.0	59.4	69.5	83.7	10.1	55.7	60.4	83.5	7.2	18.971625	-88.208319
T. C. Reforma Agraria - Puerto Juárez	99.00	1	0	1495	56.3	72.8	90.9	17.8	61.9	73.2	91.7	11.9	61.4	74.5	93.3	13.9	18.949426	-88.187766

QUINTANA ROO

5 C A R R : Ramal a Puerto Morelos

CLAVE: 23569

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. Reforma Agraria - Puerto Juárez	0.00	3	0	9257	62.2	70.1	86.9	9.9	63.4	71.0	127.1	12.0	60.2	66.8	98.4	10.9	20.854028	-86.892472
Puerto Morelos	2.20																	

6 C A R R : Ramal a Punta Piedra

CLAVE: 23575

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. Reforma Agraria - Puerto Juárez	0.00	3	1	7894	29.7	36.7	49.8	9.3	27.5	34.4	48.9	9.3	27.9	39.1	53.3	11.1	20.626583	-87.081694
T. C. Reforma Agraria - Puerto Juárez	0.00	3	2	7441	36.9	42.0	53.0	7.6	35.8	40.7	54.1	6.8	36.9	44.5	54.0	8.1	20.626583	-87.081694
Punta Piedra (Playa del Carmen)	1.50																	

7 C A R R : Ramal a Subteniente López

CLAVE: 23567

RUTA: MEX-186

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. Francisco Escárcega - Chetumal	0.00	3	1	4499	77.0	89.9	110.1	13.5	68.5	80.0	93.1	12.1	73.3	88.2	110.8	14.8	18.509543	-88.379050
T. C. Francisco Escárcega - Chetumal	0.00	3	2	4734	43.5	50.4	57.8	8.3	45.8	52.3	57.9	9.5	47.1	52.8	58.1	9.9	18.509547	-88.379076
Subteniente López	3.00																	

8 C A R R : Reforma Agraria - Puerto Juárez

CLAVE: 23132

RUTA: MEX-307

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. Francisco Escárcega - Chetumal	0.00	3	1	4583	80.1	88.8	101.5	10.5	73.2	81.8	91.7	11.2	65.5	76.3	89.5	11.2	18.531244	-88.467423
T. C. Francisco Escárcega - Chetumal	0.00	3	2	4348	88.9	100.8	114.8	13.1	82.9	93.4	110.5	13.0	74.7	89.5	111.5	14.3	18.531238	-88.467419
Bacalar	19.15	1	1	4007	80.6	93.8	112.1	14.5	75.1	84.9	94.9	12.5	68.2	80.3	94.6	13.0	18.661854	-88.403470
Bacalar	19.15	1	2	3789	87.4	98.6	114.1	12.5	81.0	91.9	111.2	13.0	72.6	86.1	110.1	14.2	18.661857	-88.403470
Bacalar	19.15	3	0	7417	94.6	108.9	128.3	14.5	88.3	101.3	114.8	14.7	84.6	99.1	122.4	14.9	18.694667	-88.388291
T. Izq. Reforma	22.24	3	0	5095	94.6	108.9	128.3	14.5	88.3	101.3	114.8	14.7	84.6	99.1	122.4	14.9	18.708244	-88.383978
Buenavista	46.90	1	0	3416	107.7	128.1	142.7	18.7	93.9	112.0	139.8	17.8	91.9	112.0	139.2	18.9	18.877511	-88.248632
Buenavista	46.90	3	0	4022	102.8	121.4	141.3	17.7	85.7	100.4	124.8	15.4	88.4	104.4	136.5	16.4	18.890064	-88.237168
T. Izq. Lazáro Cárdenas	56.30	1	0	4114	86.9	109.2	136.7	19.0	88.1	138.3	144.1	32.9	82.7	126.9	143.3	27.9	18.943507	-88.188023
T. Izq. Lazáro Cárdenas	56.30	3	0	3244	99.4	119.3	139.1	19.7	89.1	104.7	125.1	18.2	87.4	104.5	133.5	17.9	18.948987	-88.182663
T. Izq. Chacchoben	70.80	1	0	3239	89.6	112.3	140.0	21.0	82.9	102.0	135.5	18.5	81.9	100.7	135.2	18.2	19.010825	-88.111271
T. Izq. Chacchoben	70.80	3	0	3038	86.0	101.9	122.5	16.5	80.6	93.1	112.4	13.9	76.7	92.8	116.5	16.6	19.034441	-88.110128

QUINTANA ROO

8 C A R R : Reforma Agraria - Puerto Juárez

CLAVE: 23132

RUTA : MEX-307

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. Noh-Bec	81.94	1	0	3787	105.0	123.6	141.8	17.2	89.6	99.7	123.0	13.8	85.7	98.7	129.8	15.2	19.131367	-88.105421
T. Izq. Noh-Bec	81.94	3	0	2927	89.1	113.4	141.5	21.0	96.0	139.9	144.3	36.0	82.7	132.4	143.6	28.2	19.137672	-88.105191
Felipe Carrillo Puerto	132.00	1	0	3668	85.5	103.1	132.3	17.1	81.9	99.5	134.1	16.8	76.9	94.8	131.0	17.7	19.557150	-88.043526
Felipe Carrillo Puerto	132.00	3	0	2990	98.5	113.5	134.6	15.8	85.4	94.9	132.2	14.6	82.2	96.1	133.1	16.3	19.603710	-88.028609
Tulum Pueblo	227.00	1	0	4357	70.2	83.0	101.8	14.1	71.3	81.4	92.8	11.5	67.4	79.6	94.3	13.4	20.206007	-87.478956
Tulum Pueblo	227.00	3	1	6000	69.1	71.9	76.5	5.6	65.4	66.0	73.9	3.2	65.0	68.4	74.9	4.7	20.209837	-87.467153
Tulum Pueblo	227.00	3	2	6446	86.5	90.6	94.4	5.8	84.3	87.6	94.2	5.4	83.0	86.9	93.9	6.5	20.209832	-87.467155
T. Izq. Cobá	229.19	1	1	8280	36.0	40.9	51.8	6.4	31.1	34.6	45.6	7.3	30.6	34.9	49.3	8.1	20.213652	-87.455313
T. Izq. Cobá	229.19	1	2	7772	42.9	47.2	59.8	7.4	39.9	43.9	54.3	7.6	40.4	45.2	55.1	8.1	20.213656	-87.455318
T. Izq. Cobá	229.19	3	1	7214	34.4	39.9	52.7	6.9	28.2	32.5	50.2	7.3	30.4	38.1	53.4	9.5	20.214389	-87.452361
T. Izq. Cobá	229.19	3	2	6720	39.9	44.0	54.4	7.5	37.6	42.2	53.5	6.8	38.2	44.6	54.5	8.3	20.214389	-87.452361
X. C. Tulum - Aeropuerto	231.19	1	1	6340	70.1	83.3	103.4	14.1	67.2	80.3	97.0	13.5	62.4	75.2	97.4	12.7	20.218361	-87.440639
X. C. Tulum - Aeropuerto	231.19	1	2	6189	62.1	74.4	93.2	13.5	59.7	72.4	92.3	13.7	55.4	65.2	84.6	10.4	20.218361	-87.440639
X. C. Tulum - Aeropuerto	231.19	3	1	6405	65.2	72.4	83.7	8.6	62.3	69.6	76.4	9.0	58.5	66.3	74.9	9.6	20.220667	-87.433444
X. C. Tulum - Aeropuerto	231.19	3	2	6485	81.9	93.3	110.5	12.8	76.3	84.0	96.6	10.3	71.9	82.4	100.0	12.1	20.220667	-87.433444
T. Der. Xel-Ha	244.80	1	1	6193	100.5	113.3	133.3	13.8	93.5	102.8	118.6	11.3	89.8	102.8	123.3	14.2	20.312722	-87.369111
T. Der. Xel-Ha	244.80	1	2	6040	99.8	113.0	133.3	14.2	93.7	102.7	119.4	11.0	86.8	102.0	121.5	15.8	20.312722	-87.369111
T. Der. Xel-Ha	244.80	3	1	6475	100.3	121.4	141.8	18.8	96.3	119.8	141.7	21.3	102.6	126.2	142.8	20.8	20.326944	-87.360944
T. Der. Xel-Ha	244.80	3	2	6480	99.0	112.5	132.2	14.4	91.5	102.4	122.2	12.9	93.3	107.9	129.1	14.5	20.326944	-87.360944
T. Der. Akumal	254.44	1	1	7467	96.2	120.7	141.8	20.7	91.1	113.7	141.6	18.9	89.1	114.0	141.6	20.1	20.392917	-87.323111
T. Der. Akumal	254.44	1	2	7401	98.5	119.1	141.4	17.6	97.0	119.6	142.0	19.2	93.5	118.5	141.9	19.9	20.392917	-87.323111
Playa del Carmen	289.70	1	1	26054	62.8	68.7	79.4	7.9	57.6	62.1	71.3	6.9	54.1	60.6	71.1	7.8	20.609167	-87.105972
Playa del Carmen	289.70	1	2	26165	62.7	68.6	79.2	7.9	57.5	62.0	71.2	6.9	54.4	60.6	71.2	7.4	20.609167	-87.105972
Playa del Carmen	295.00	3	1	31723	66.9	76.8	92.1	11.8	66.2	74.5	86.6	10.7	63.1	73.4	86.8	11.7	20.659583	-87.059417
Playa del Carmen	295.00	3	2	31757	63.2	73.3	88.0	11.6	60.7	69.6	82.1	10.8	57.1	66.9	82.0	11.8	20.659583	-87.059417
T. Der. Puerto Morelos	321.48	1	1	21913	101.0	106.7	121.2	8.6	92.4	97.9	106.1	7.9	80.5	95.7	104.9	18.6	20.837833	-86.910389
T. Der. Puerto Morelos	321.48	1	2	21419	97.0	104.5	121.6	10.2	93.7	100.0	112.0	7.9	87.4	99.3	112.5	13.1	20.837833	-86.910389
T. Der. Puerto Morelos	321.48	3	1	29535	117.0	138.6	144.1	20.0	125.8	141.6	144.5	19.0	102.9	138.1	144.1	30.9	20.865056	-86.893833
T. Der. Puerto Morelos	321.48	3	2	29115	101.0	119.3	139.6	17.5	106.9	123.5	142.4	16.4	92.6	114.7	139.7	22.1	20.865056	-86.893833
T. Izq. Aeropuerto Cancún	341.50	1	1	24409	86.4	93.2	106.0	9.0	84.5	91.0	101.2	8.0	75.0	87.9	100.4	13.9	21.022667	-86.853778
T. Izq. Aeropuerto Cancún	341.50	1	2	24356	73.8	83.0	99.3	10.6	70.7	81.1	93.5	11.7	66.1	77.4	92.4	12.2	21.022667	-86.853778
T. Izq. Aeropuerto Cancún	341.50	3	1	43453	76.3	84.9	100.0	10.8	73.7	82.6	93.8	10.4	65.0	76.8	91.9	12.1	21.039917	-86.850222
T. Izq. Aeropuerto Cancún	341.50	3	2	43039	76.1	84.8	99.9	10.8	74.0	82.7	93.8	10.3	65.0	76.7	92.0	12.0	21.039917	-86.850222
T. Izq. Alfredo V. Bonfil	348.22	1	1	41143	87.7	99.1	123.0	12.5	91.1	108.0	136.1	16.4	83.7	106.5	136.4	21.7	21.080833	-86.843778
T. Izq. Alfredo V. Bonfil	348.22	1	2	42800	71.3	79.6	94.1	10.2	66.7	73.4	84.1	8.8	62.5	72.3	84.7	11.5	21.080833	-86.843778

QUINTANA ROO

8 C A R R : Reforma Agraria - Puerto Juárez

CLAVE: 23132

RUTA: MEX-307

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
Cancún	355.48	1	1	45908	75.6	84.5	103.1	10.6	73.2	82.2	99.9	10.5	66.6	78.1	100.5	12.1	21.107444	-86.839694
Cancún	355.48	1	2	45426	59.0	66.2	82.5	9.6	50.3	58.4	73.8	9.6	50.9	59.3	75.0	10.3	21.107444	-86.839694
T. C. Mérida - Puerto Juárez	357.48																	

9 C A R R : Valladolid - Felipe Carrillo Puerto

CLAVE: 00010

RUTA: MEX-295

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
Valladolid	0.00	3	0	4777	66.8	82.6	106.4	14.8	57.9	62.3	107.0	8.9	65.4	83.6	115.3	17.0	20.673914	-88.204313
Chichmilá	6.90	3	0	2105	59.3	66.2	83.1	9.4	62.6	72.0	74.6	12.8	56.4	65.8	78.2	9.8	20.623623	-88.230978
Tekom	12.05	3	0	1442	74.5	87.2	102.5	13.8	65.2	81.2	100.3	16.1	65.6	81.4	95.0	15.9	20.590705	-88.265333
Tixcacalcupul	19.80	3	0	975	61.6	75.7	94.6	15.0	56.9	63.0	89.6	10.2	58.0	66.5	85.2	9.9	20.528524	-88.271398
Lim. Edos. Term. Yuc. Ppia. Q. R.	46.00																	
Tepich	51.40	1	0	652	47.2	59.6	72.9	14.5	54.1	53.8	89.1	4.8	52.3	54.3	67.8	6.9	20.249439	-88.255090
Tihosuco	65.00	1	0	756	56.1	72.0	85.8	16.8	60.7	72.1	84.9	12.5	59.0	69.1	83.6	11.9	20.193427	-88.362466
Tihosuco	65.00	3	0	875	56.3	72.8	90.9	17.8	61.9	73.2	91.7	11.9	61.4	74.5	93.3	13.9	20.188543	-88.388209
T. Izq. San Felipe Berriozábal	99.00	1	0	540	80.8	103.9	128.6	25.1	82.1	102.6	112.2	22.6	71.0	97.3	119.1	23.6	19.962379	-88.241512
T. Izq. San Felipe Berriozábal	99.00	3	0	597	79.1	102.7	128.6	22.7	75.8	105.0	123.0	20.9	72.5	97.6	120.6	20.8	19.961512	-88.240586
Señor	116.50	1	0	886	77.6	98.8	118.3	22.0	82.9	100.5	106.4	20.6	73.9	94.7	111.6	20.6	19.853000	-88.145026
Señor	116.50	3	0	1146	64.9	78.7	95.4	13.7	60.9	71.0	85.5	10.0	60.6	70.7	90.1	10.7	19.832832	-88.131715
Felipe Carrillo Puerto	147.70	1	0	1341	67.9	82.0	99.9	15.3	67.3	81.2	93.1	13.5	67.0	81.9	95.9	14.3	19.602805	-88.053729

10 C A R R : Mérida - Cancún (Cuota)

CLAVE: 00071

RUTA: MEX-180D

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. Mérida - Puerto Juárez	0.00																	
Caseta de Cobro Piste	51.00	1	1	1525	98.4	112.8	134.5	15.1	83.8	95.0	103.9	12.9	78.2	92.9	119.4	15.4	20.730481	-88.590842
Caseta de Cobro Piste	51.00	1	2	1530	76.8	90.8	111.4	14.5	61.6	70.7	90.4	10.8	52.0	71.3	100.2	18.0	20.729875	-88.586904
Caseta de Cobro X-Can	155.00	1	1	991	104.4	117.5	135.0	13.6	94.1	103.5	120.0	14.8	83.4	102.6	125.3	19.3	20.877178	-87.630557
Caseta de Cobro X-Can	155.00	1	2	969	101.0	112.3	128.5	12.6	87.6	92.7	94.9	9.2	78.4	89.4	105.6	12.7	20.877311	-87.630763
Lim. Edos. Term. Yuc. Ppia. Q. R.	160.00																	
T. C. Mérida - Puerto Juárez	292.00	1	1	1101	102.1	116.6	134.9	15.5	95.3	103.3	119.4	12.7	85.4	104.5	128.1	18.9	21.095333	-86.980500
T. C. Mérida - Puerto Juárez	292.00	1	2	1030	98.5	111.2	126.5	13.9	87.6	92.6	94.9	8.9	78.1	89.5	106.3	13.1	21.095333	-86.980500
T. C. Reforma Agraria - Puerto Juárez	308.10	1	0	7928	79.9	101.9	122.6	19.3	85.8	118.0	142.0	26.2	76.9	104.9	139.3	24.2	21.020389	-86.858861

QUINTANA ROO

11 C A R R : Bacalar - Miguel Alemán

CLAVE: 20030

RUTA: QR

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. (Reforma Agraria - Puerto Juárez)	0.00																	
Reforma	21.00	3	0	607	55.1	63.0	73.5	9.5	54.2	56.8	72.2	5.8	53.7	54.1	64.0	4.2	18.813568	-88.579436
Altos de Sevilla	31.00	1	0	577	48.7	54.8	71.3	10.3	49.5	54.0	69.9	9.7	50.0	53.8	71.0	9.2	18.848397	-88.674527
Altos de Sevilla	31.00	3	0	587	56.5	66.4	81.6	11.5	54.1	54.9	73.8	5.9	52.5	56.6	80.6	9.3	18.855937	-88.678120
Miguel Alemán	110.00																	

12 C A R R : Cancún - Punta Cancún

CLAVE: 23581

RUTA: QR

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
Cancún	0.00	3	1	24203	75.9	81.7	94.0	7.4	76.0	81.4	92.4	7.0	66.6	75.6	88.9	10.9	21.157000	-86.815000
Cancún	0.00	3	2	24050	66.3	72.6	84.8	8.2	67.7	74.0	84.2	8.9	61.8	69.7	82.5	8.9	21.157000	-86.815000
T. Der. Colibrí	7.00	1	1	20839	71.2	75.4	91.5	8.1	70.4	74.6	85.4	7.7	63.2	70.2	83.1	8.2	21.136167	-86.764833
T. Der. Colibrí	7.00	1	2	20741	60.5	64.9	77.1	8.1	60.7	65.0	74.2	7.8	57.7	61.8	73.2	6.2	21.136167	-86.764833
Punta Cancún	8.00	1	1	21058	64.2	70.4	85.8	7.8	62.6	67.2	86.3	8.1	58.6	62.1	79.7	6.6	21.134833	-86.757000
Punta Cancún	8.00	1	2	21273	60.8	67.1	82.4	8.9	58.8	63.7	74.3	8.0	55.6	60.2	73.5	6.1	21.134833	-86.757000

13 C A R R : Chetumal - Calderitas

CLAVE: 23004

RUTA: QR-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
Chetumal	0.00	3	1	10831	56.0	62.5	74.4	8.3	55.2	62.9	76.8	8.9	51.3	59.9	73.5	10.6	18.536417	-88.275582
Chetumal	0.00	3	2	11046	50.3	57.3	71.3	9.2	49.7	57.6	83.8	10.8	44.7	53.6	70.5	10.3	18.536442	-88.275567
Calderitas	9.00	1	1	3118	50.1	57.3	70.6	9.6	50.2	58.9	74.2	10.6	47.2	54.2	69.5	10.0	18.553858	-88.260457
Calderitas	9.00	1	2	3235	49.9	59.2	73.1	10.8	49.0	57.7	73.2	10.6	46.5	58.4	78.9	13.6	18.553855	-88.260465

14 C A R R : El Ideal - Chiquila

CLAVE: 23005

RUTA: QR-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. Mérida - Puerto Juárez	0.00	3	0	1042	79.0	94.0	112.9	15.9	70.2	88.5	120.7	16.4	67.0	83.5	108.6	14.8	20.890987	-87.546373
Kantunilkin	31.20	1	0	2134	66.0	77.5	93.3	12.2	63.2	72.8	84.7	10.6	59.7	69.7	88.2	10.6	21.083494	-87.488522
Kantunilkin	31.20	3	0	1474	62.2	76.2	93.0	14.8	57.1	65.2	91.8	10.4	57.7	69.1	91.1	11.3	21.114458	-87.484759
Chiquila	75.60	1	0	1008	80.6	93.6	109.7	14.4	73.4	87.0	108.6	15.1	76.1	90.6	110.6	15.7	21.419567	-87.337500

QUINTANA ROO

15 C A R R : Libramiento de Chetumal

CLAVE: 23130

RUTA: QR

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. Francisco Escárcega - Chetumal	0.00	3	1	8220	63.3	71.7	85.0	10.0	62.2	69.4	82.2	9.0	57.9	67.9	85.0	11.6	18.517439	-88.344794
T. C. Francisco Escárcega - Chetumal	0.00	3	2	8044	42.9	48.0	58.2	7.2	41.2	44.6	54.0	7.2	39.3	44.3	58.1	8.6	18.517436	-88.344788
T. C. Chetumal - Calderitas	5.00																	

16 C A R R : Perimetral Cozumel

CLAVE: 00148

RUTA: QR

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
Cozumel	0.00	3	0	9364	62.6	72.7	91.4	11.6	65.7	73.3	88.6	9.2	61.6	71.5	90.6	11.6	20.469250	-86.974056
El Cedral	13.40	1	1	547	65.7	75.6	93.2	11.5	64.5	71.7	81.0	8.7	65.3	73.3	84.3	9.7	20.385889	-87.018389
El Cedral	13.40	1	2	566	65.9	75.9	93.1	11.5	64.5	71.7	81.0	8.7	66.3	74.4	84.6	10.0	20.385889	-87.018389
El Cedral	13.40	3	1	212	50.2	57.4	64.8	9.7	55.0	53.5	54.8	0.0	52.9	53.4	54.8	3.8	20.362111	-87.018139
El Cedral	13.40	3	2	217	69.2	77.3	84.3	10.5	67.5	69.0	74.2	3.8	67.8	78.3	84.1	13.0	20.362111	-87.018056
Celarain	25.00	1	0	903	41.0	47.7	59.4	8.8	50.6	52.9	54.7	6.5	41.1	49.7	54.8	9.9	20.293778	-86.962472

17 C A R R : Punta Nizuc - Cancún

CLAVE: 23014

RUTA: QR

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
Punta Nizuc	0.00	3	1	8055	67.0	76.8	93.1	11.6	65.0	79.3	106.9	14.8	66.3	80.9	109.6	15.4	21.043167	-86.782889
Punta Nizuc	0.00	3	2	7826	74.0	83.3	98.8	11.0	71.5	81.4	94.1	11.6	73.4	83.3	96.3	12.0	21.043167	-86.782889
Punta Cancún	12.40																	

18 C A R R : Ramal a Aeropuerto Cancún

CLAVE: 23574

RUTA: QR

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. Reforma Agraria - Puerto Juárez	0.00	3	1	12023	76.7	83.3	94.9	8.9	74.1	81.3	92.1	8.6	74.4	82.5	94.7	9.8	21.035583	-86.857222
T. C. Reforma Agraria - Puerto Juárez	0.00	3	2	12378	78.4	84.5	98.2	9.1	76.5	82.8	93.5	8.2	76.3	83.4	94.7	9.3	21.035583	-86.857222
Aeropuerto Cancún	2.00	1	1	12283	69.2	73.7	85.0	7.7	66.9	71.6	80.4	6.7	66.3	71.5	80.4	7.0	21.041306	-86.866389
Aeropuerto Cancún	2.00	1	2	11240	58.4	62.3	71.7	6.6	54.7	58.9	68.6	5.7	55.6	60.2	69.8	5.9	21.041306	-86.866389

QUINTANA ROO

19 C A R R : Ramal a Candelaria

CLAVE: 23027

RUTA: QR

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. Muna - Felipe Carrillo Puerto Candelaria	0.00 15.30	3	0	1010	62.4	74.4	91.5	13.7	61.5	70.0	81.0	9.5	57.7	62.1	82.7	6.9	19.806793	-88.757632

20 C A R R : Ramal a El Naranjal

CLAVE: 23579

RUTA: QR

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
José María Morelos El Naranjal	0.00 16.00	3	0	668	62.3	75.9	93.3	14.0	56.5	55.0	71.0	3.6	59.0	68.8	84.7	10.0	19.732969	-88.718868

21 C A R R : Ramal a Laguna de Kaná

CLAVE: 23213

RUTA: QR

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. Muna - Felipe Carrillo Puerto Laguna de Kaná	0.00 12.20	3	0	291	51.4	64.3	83.4	13.4	47.6	53.9	81.2	12.0	52.7	62.1	82.7	10.9	19.642530	-88.411575

22 C A R R : Ramal a Mahahual

CLAVE: 23583

RUTA: QR

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. Reforma Agraria - Puerto Juárez Mahahual	0.00 60.09	3	0	720	69.9	81.2	94.8	12.5	64.5	74.6	93.4	10.6	59.6	70.3	92.6	11.3	18.980015	-88.109876

23 C A R R : Ramal a Petcacab

CLAVE: 23018

RUTA: QR-018

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. Reforma Agraria - Puerto Juárez Petcacab	0.00 37.00	3	0	668	36.9	42.2	53.1	7.1	47.4	52.8	54.9	10.0	47.8	52.8	54.7	9.8	19.135373	-88.105891

QUINTANA ROO

24 C A R R : Ramal a Punta Allen

CLAVE: 23015

RUTA: QR-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. Reforma Agraria - Puerto Juárez	0.00	3	0	7339	41.1	46.0	56.3	8.2	40.2	47.0	54.5	8.9	40.0	46.9	61.8	10.0	20.211889	-87.452472
Beh-Ha	10.20	1	0	460	31.4	35.0	46.6	7.6	43.9	52.3	54.6	12.3	34.2	47.9	54.4	10.7	20.128726	-87.465458
Punta Allen	57.00																	

25 C A R R : Ramal a Punta Sam

CLAVE: 23582

RUTA: QR

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
Puerto Juárez	0.00	3	0	5251	40.9	47.2	60.3	8.9	42.4	49.0	54.6	8.4	40.4	48.9	63.2	11.0	21.189167	-86.807167
Punta Sam	5.00	1	0	1268	52.2	62.2	78.7	11.4	53.1	58.0	71.8	7.6	50.5	59.3	83.8	11.6	21.215201	-86.802471

26 C A R R : Ramal a Reforma

CLAVE: 23016

RUTA: QR-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. Reforma Agraria - Puerto Juárez	0.00	3	0	1240	41.8	50.5	62.9	10.5	41.5	49.4	58.3	9.7	41.7	51.5	59.7	11.8	18.703962	-88.386603
Reforma	44.00																	

27 C A R R : Ramal a Tres Garantías

CLAVE: 23585

RUTA: QR

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. Francisco Escárcega - Chetumal	0.00	3	0	194	50.6	59.7	83.6	11.9	57.9	54.6	81.6	5.2	54.1	54.6	77.2	6.2	18.455788	-89.000960
Tres Garantías	30.00																	

28 C A R R : Tihosuco - Dziuche

CLAVE: 23576

RUTA: QR

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. Valladolid - Felipe Carrillo Puerto	0.00	3	0	375	53.1	70.7	91.4	15.7	56.4	59.5	72.2	5.1	53.4	54.6	82.1	7.3	20.176952	-88.397640
Dziuche	60.50	1	0	697	74.7	95.0	117.7	20.7	79.8	91.5	119.6	15.4	70.5	96.9	123.4	21.5	19.914094	-88.808134

QUINTANA ROO

29 C A R R : Transversal de Cozumel

CLAVE: 23577

RUTA: QR

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
Cozumel	0.00	3	1	2525	41.5	49.0	61.8	9.3	45.3	52.4	64.7	9.5	46.2	52.4	56.9	9.7	20.482750	-86.914889
Cozumel	0.00	3	2	2446	46.7	55.0	72.2	10.4	50.1	56.5	72.4	9.6	50.8	54.0	69.0	8.4	20.482750	-86.914889
Mezcalitos	14.00																	

30 C A R R : Tulum - Nuevo X-Can

CLAVE: 23570

RUTA: QR

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. Reforma Agraria - Puerto Juárez	0.00	3	0	5727	52.4	61.2	74.4	10.4	52.6	61.9	85.4	11.7	47.6	57.0	74.8	12.5	20.217148	-87.454343
T. Izq. Ruinas Cobá	42.95	1	0	3180	66.0	79.6	98.7	13.8	62.1	73.5	91.1	12.3	55.8	63.2	83.7	8.5	20.504048	-87.714793
T. Izq. Ruinas Cobá	42.95	3	0	510	65.4	79.2	99.7	13.4	64.1	78.9	95.5	12.6	58.2	55.0	90.5	6.3	20.510362	-87.716883
Nuevo X-Can	87.40	1	0	479	65.1	82.6	104.2	17.8	54.7	67.0	98.6	12.9	64.2	80.6	99.1	15.9	20.858275	-87.600896

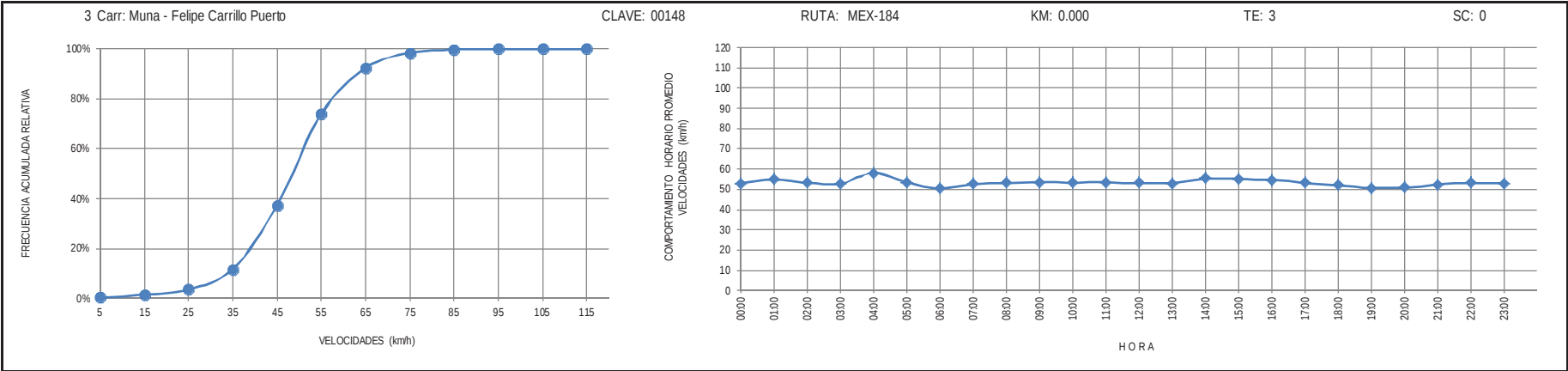
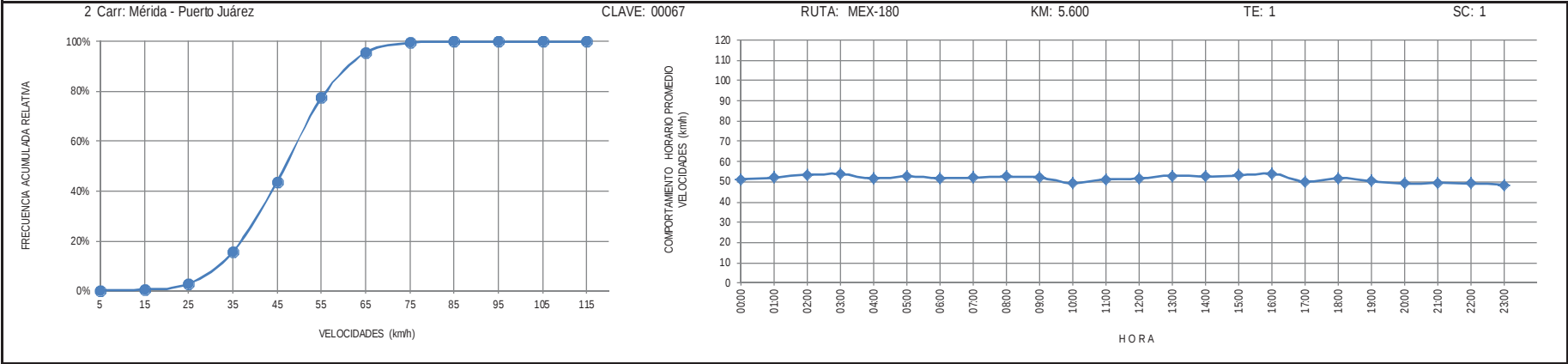
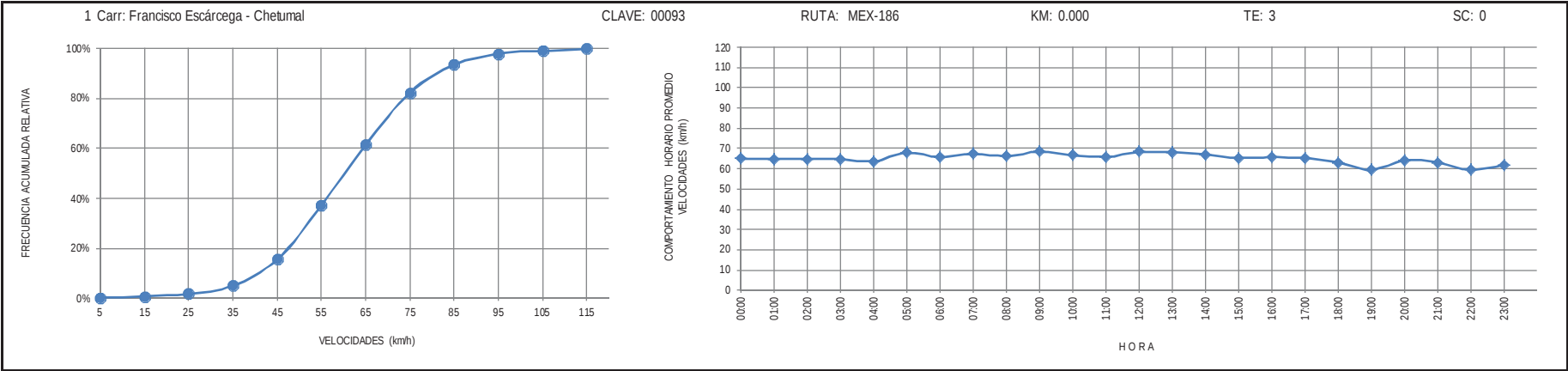
31 C A R R : Ucum - Unión

CLAVE: 23571

RUTA: QR

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
Ucum	0.00	3	0	3285	78.1	94.5	120.3	16.1	73.1	89.3	104.5	15.9	71.4	89.2	114.6	16.8	18.495232	-88.520720
T. Der. Ingenio Álvaro Obregón	31.00	1	0	1364	74.9	91.8	123.2	16.2	73.9	102.5	131.5	21.5	73.7	104.1	138.0	22.7	18.250120	-88.650083
T. Der. Ingenio Álvaro Obregón	31.00	3	0	2027	69.5	82.8	114.5	14.6	74.6	96.1	135.3	20.2	76.1	100.2	139.1	21.1	18.245406	-88.652345
T. Der. U. A. Galeras	75.00	1	0	145	57.0	66.3	80.9	10.4	56.1	57.0	69.4	3.9	57.9	65.5	83.2	8.2	17.989303	-88.848649
T. Der. U. A. Galeras	75.00	3	0	199	56.8	64.4	79.7	9.1	57.1	60.1	71.7	5.0	57.5	60.6	81.7	6.5	17.987395	-88.851406
Unión	88.00	1	0	498	39.3	48.4	62.6	10.6	44.7	51.7	59.2	10.0	43.0	51.6	69.2	11.4	17.906704	-88.882323



4 Carr: Polyuc - T. C. (Reforma Agraria - Puerto Juárez)

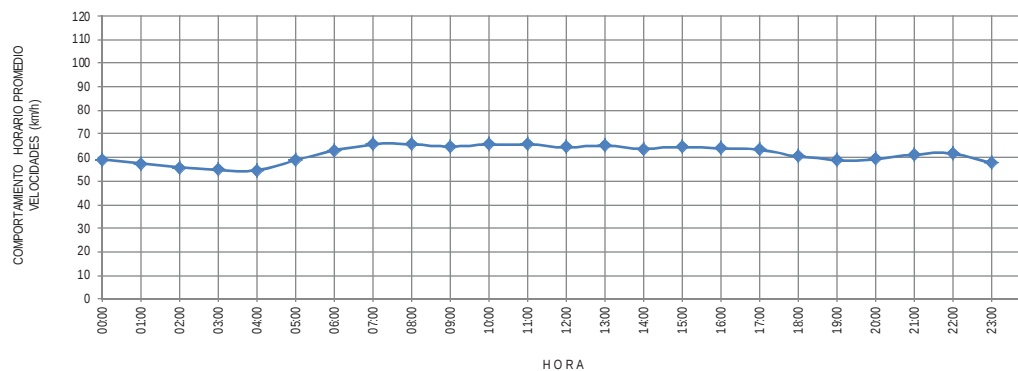
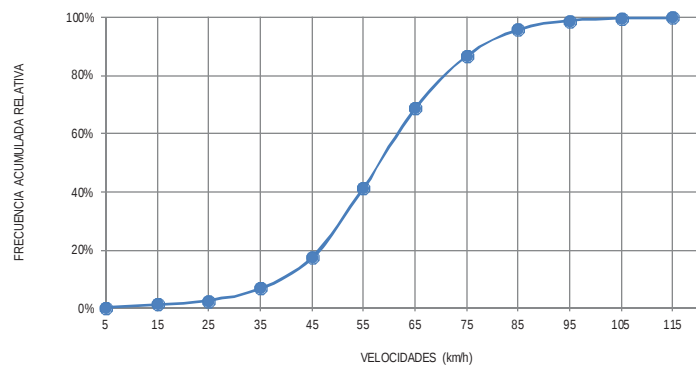
CLAVE: 23014

RUTA: MEX-293

KM: 0.000

TE: 3

SC: 0



5 Carr: Ramal a Puerto Morelos

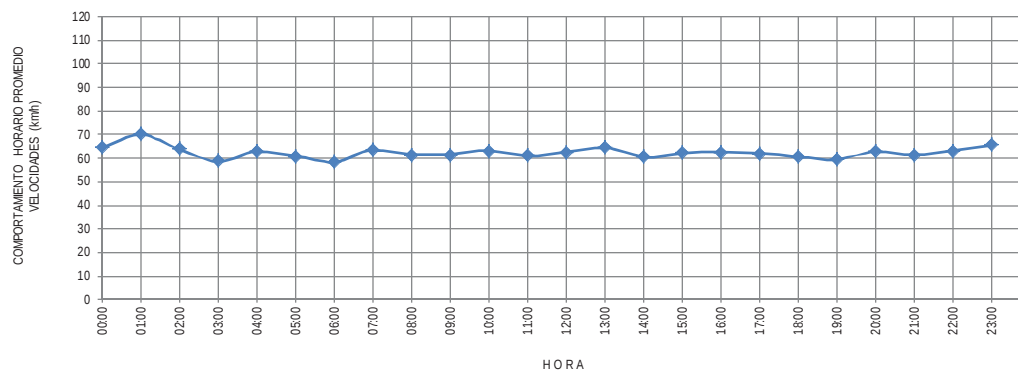
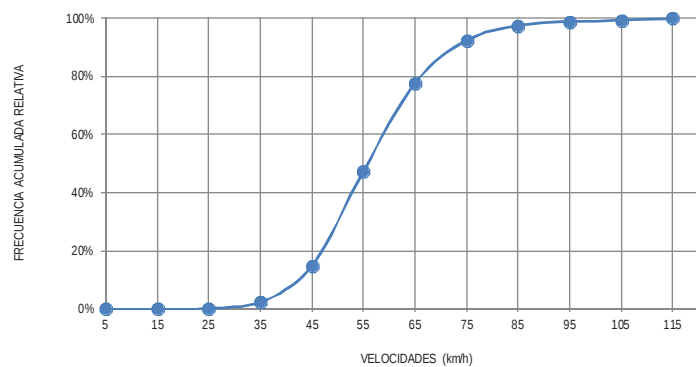
CLAVE: 23569

RUTA: MEX

KM: 0.000

TE: 3

SC: 0



6 Carr: Ramal a Punta Piedra

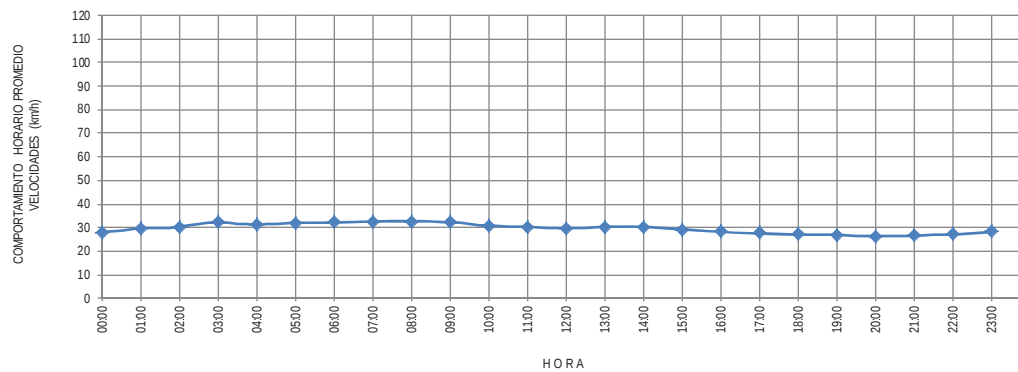
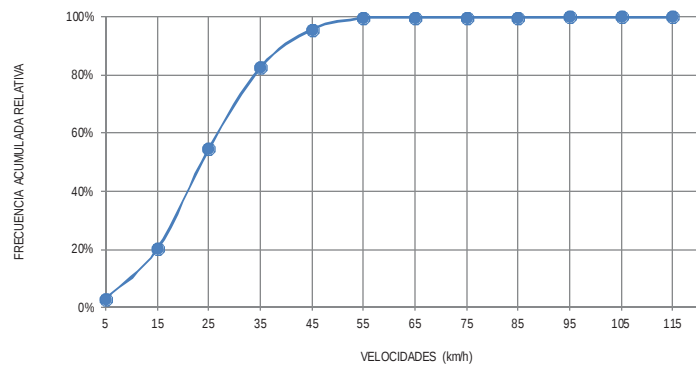
CLAVE: 23575

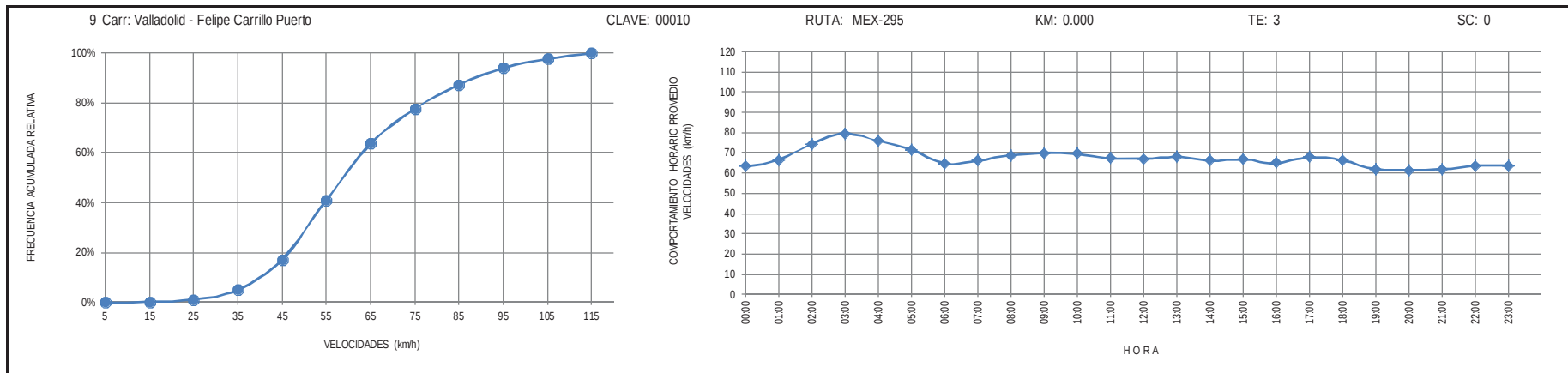
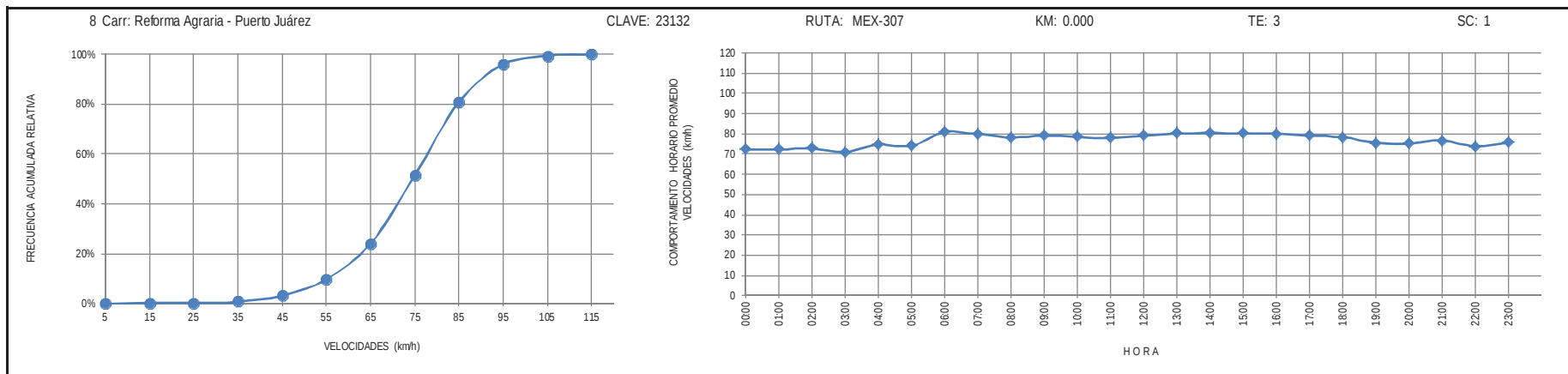
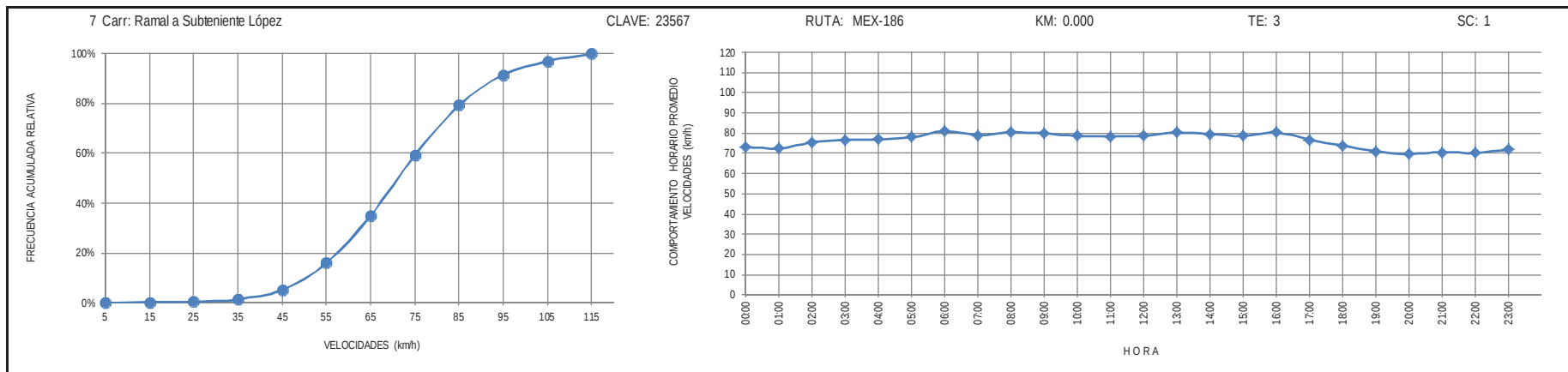
RUTA: MEX

KM: 0.000

TE: 3

SC: 1





10 Carr: Mérida - Cancún (Cuota)

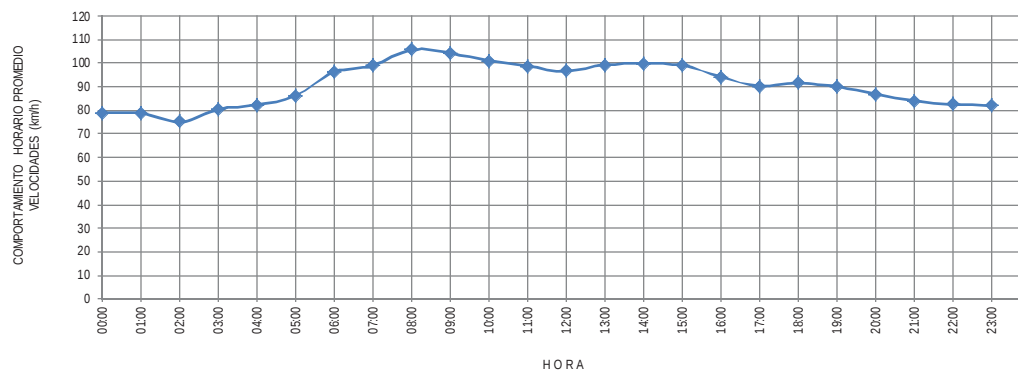
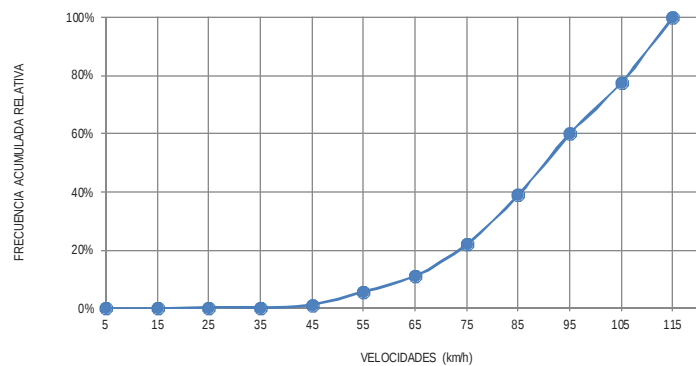
CLAVE: 00071

ruta: MEX-180D

KM: 51.000

TE: 1

SC: 1



11 Carr: Bacalar - Miguel Alemán

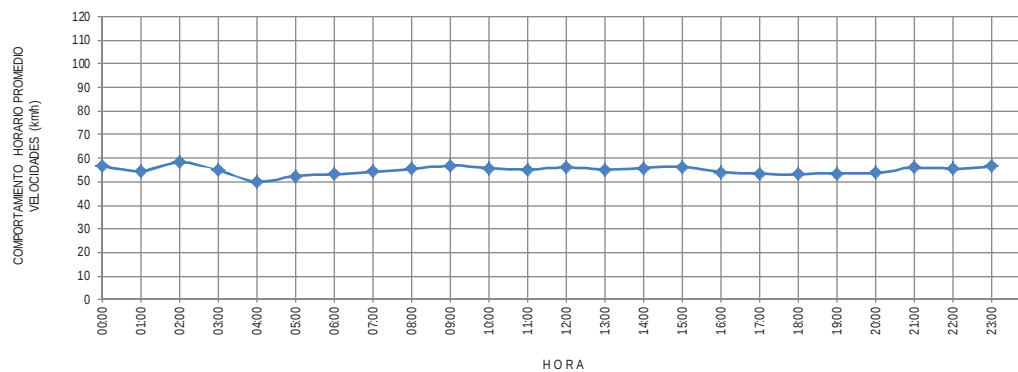
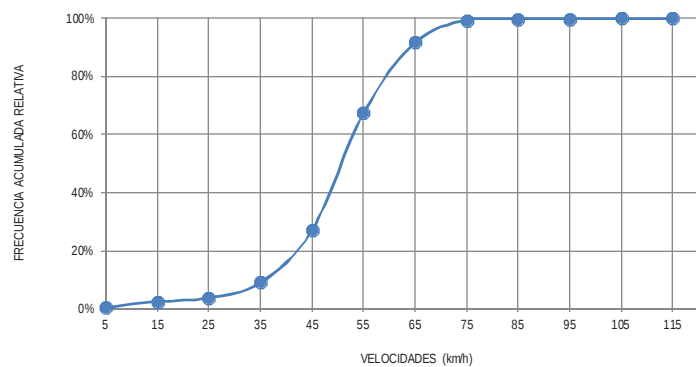
CLAVE: 20030

ruta: QR

KM: 21.000

TE: 3

SC: 0



12 Carr: Cancún - Punta Cancún

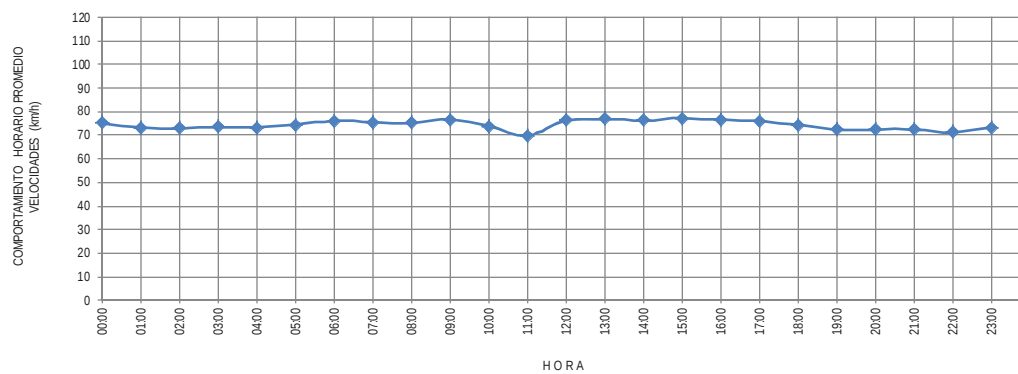
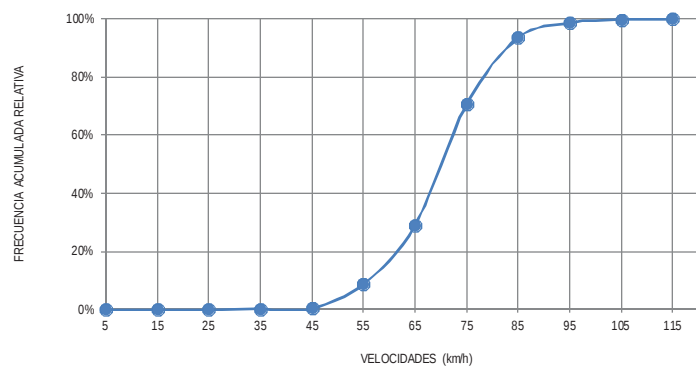
CLAVE: 23581

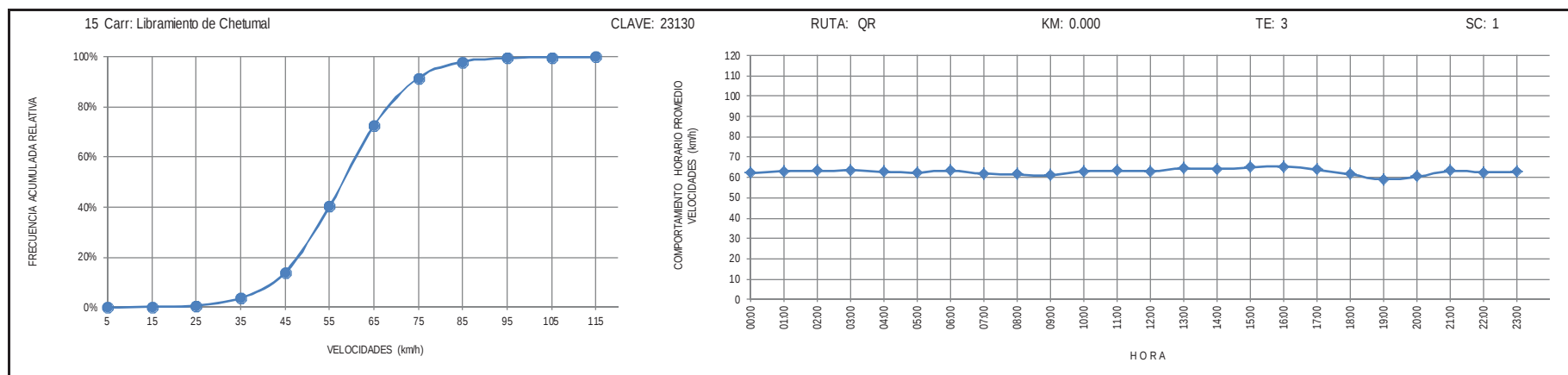
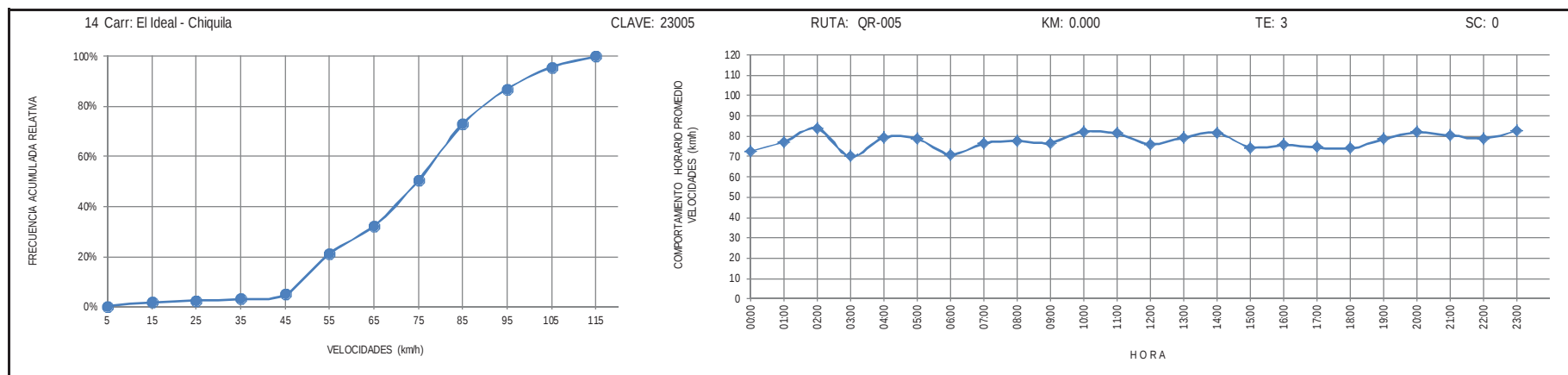
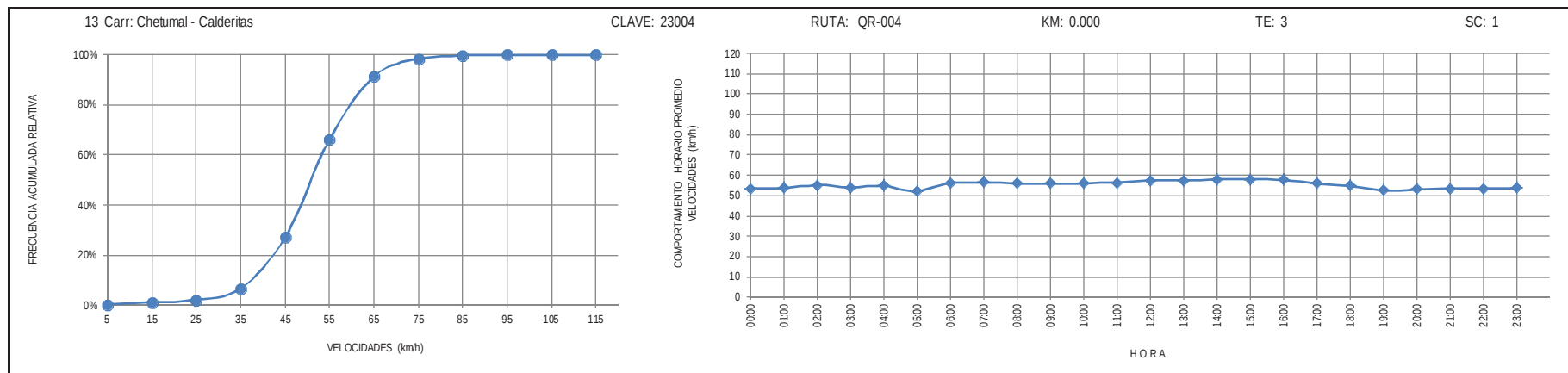
ruta: QR

KM: 0.000

TE: 3

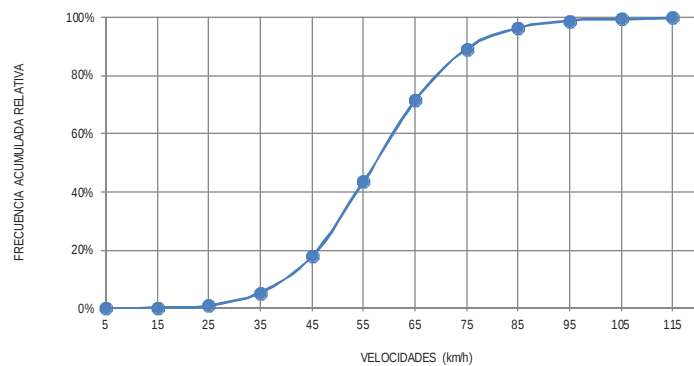
SC: 1





16 Carr: Perimetral Cozumel

CLAVE: 00148

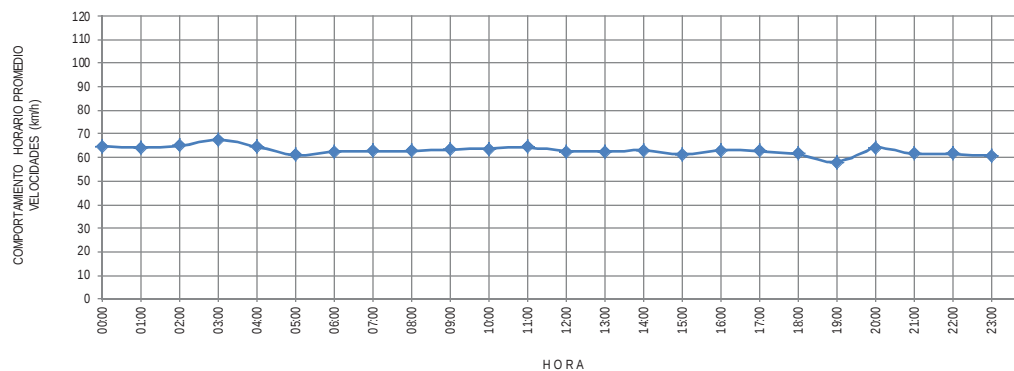


RUTA: QR

KM: 0.000

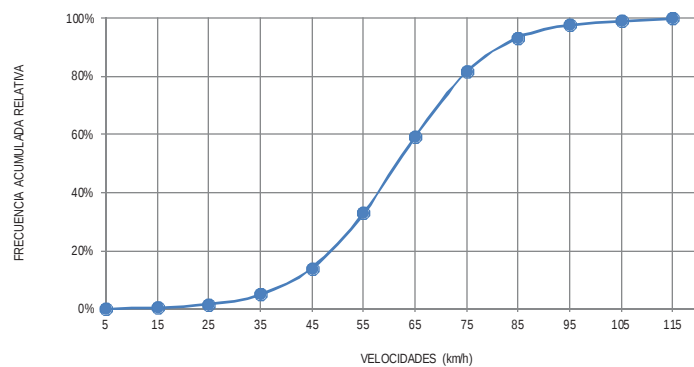
TE: 3

SC: 0



17 Carr: Punta Nizuc - Cancún

CLAVE: 23014

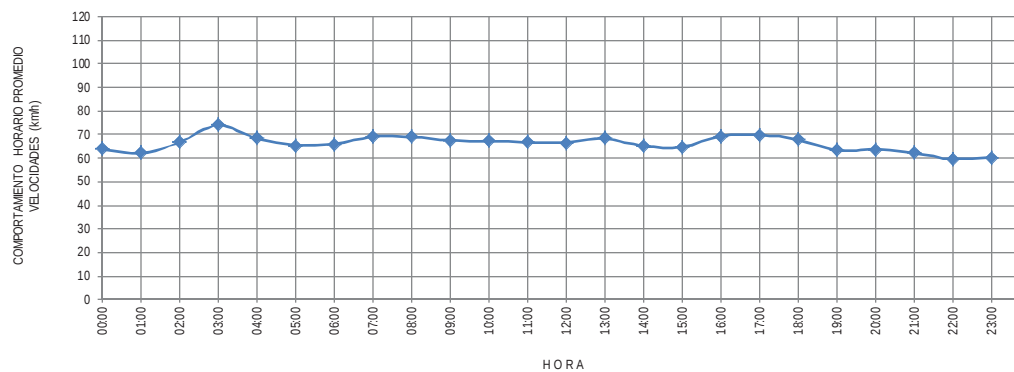


RUTA: QR

KM: 0.000

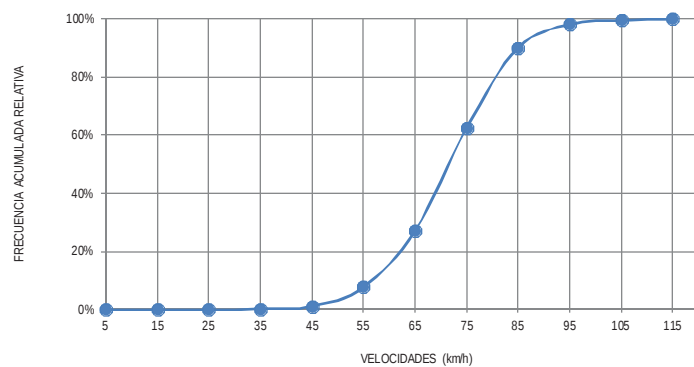
TE: 3

SC: 1



18 Carr: Ramal a Aeropuerto Cancún

CLAVE: 23574

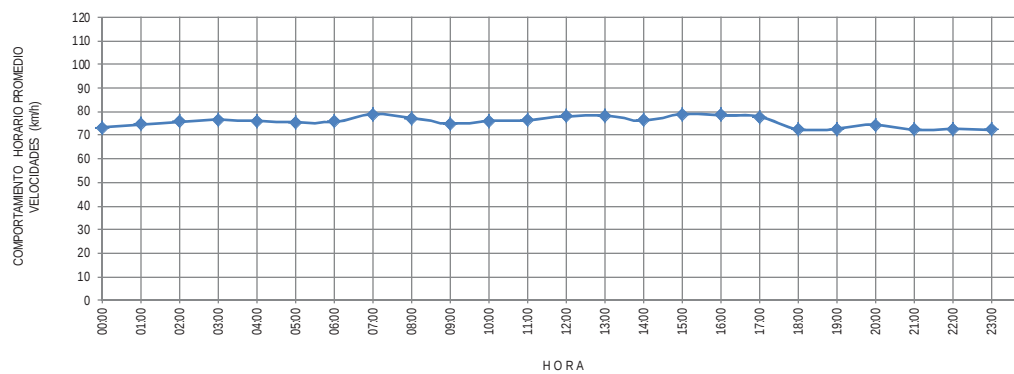


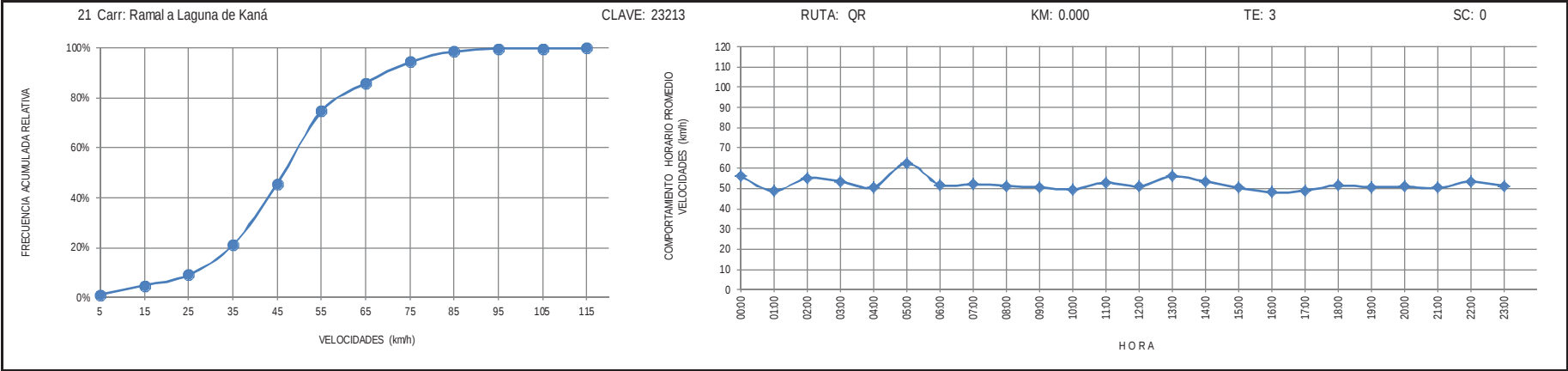
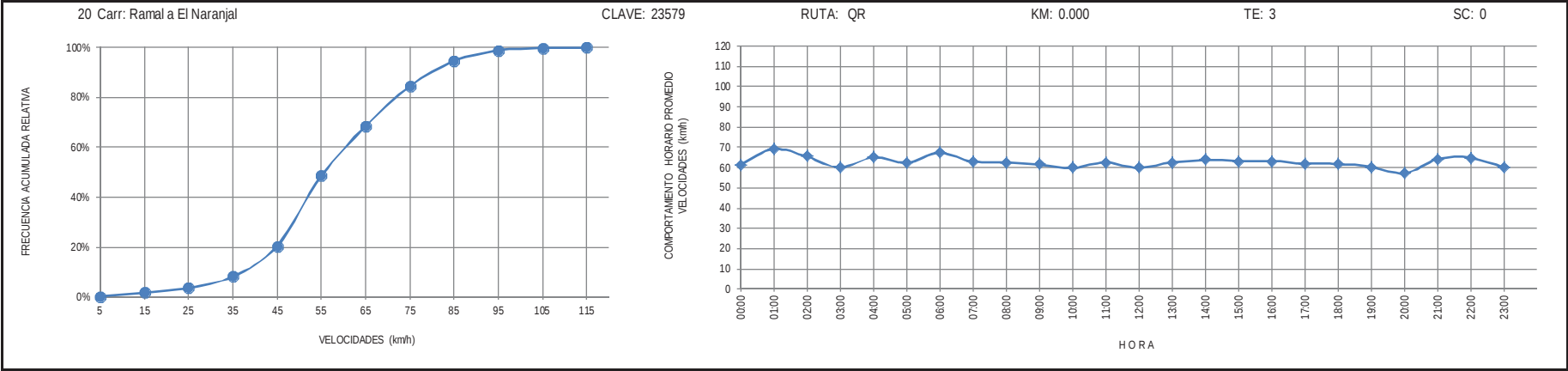
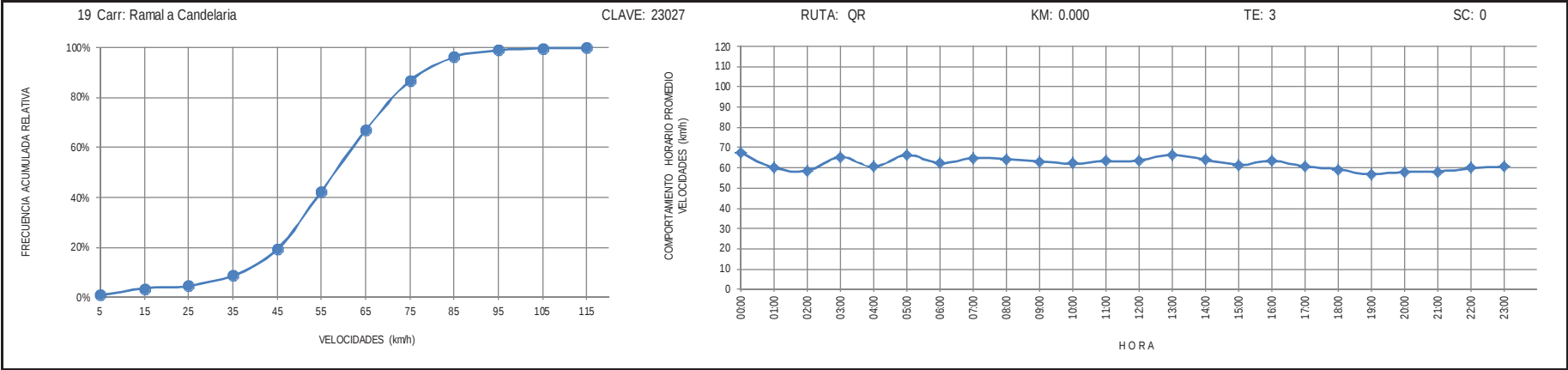
RUTA: QR

KM: 0.000

TE: 3

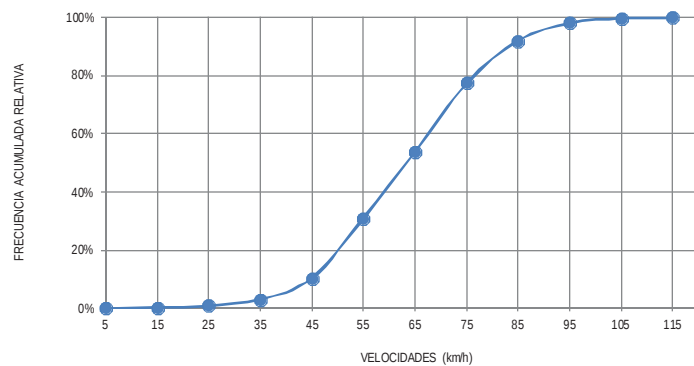
SC: 1





22 Carr: Ramal a Mahahual

CLAVE: 23583

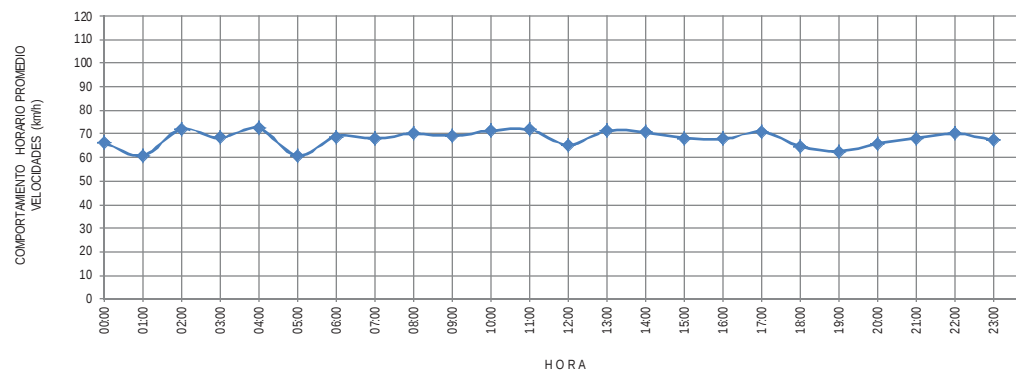


RUTA: QR

KM: 0.000

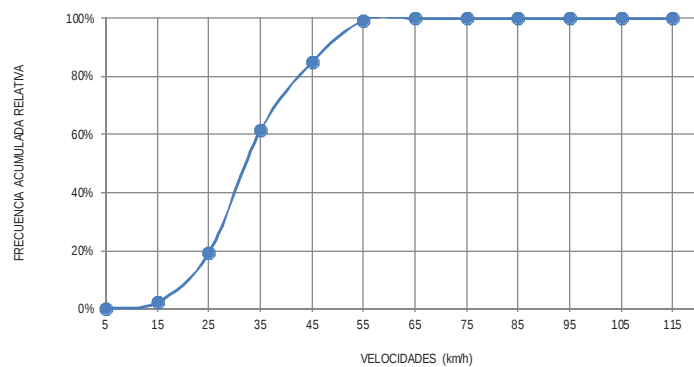
TE: 3

SC: 0



23 Carr: Ramal a Petcacab

CLAVE: 23018

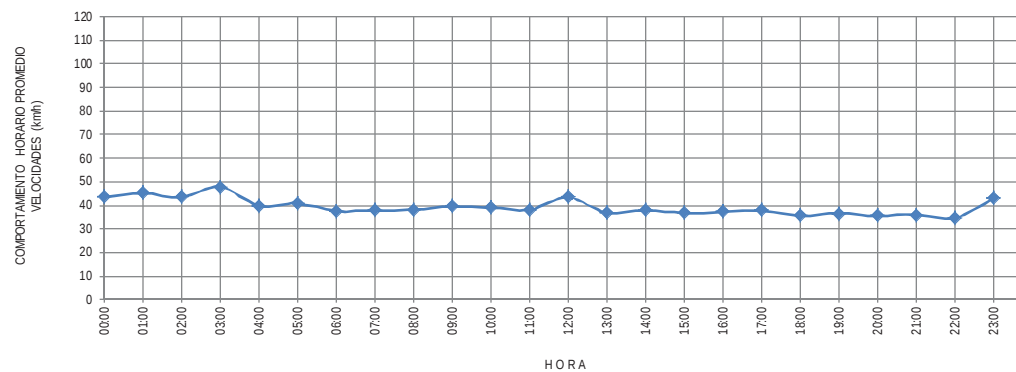


RUTA: QR-018

KM: 0.000

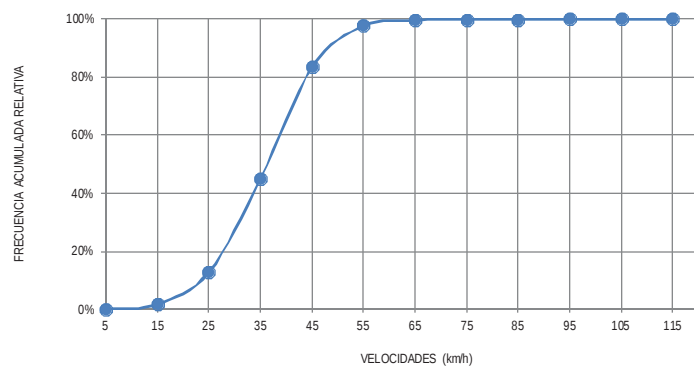
TE: 3

SC: 0



24 Carr: Ramal a Punta Allen

CLAVE: 23015

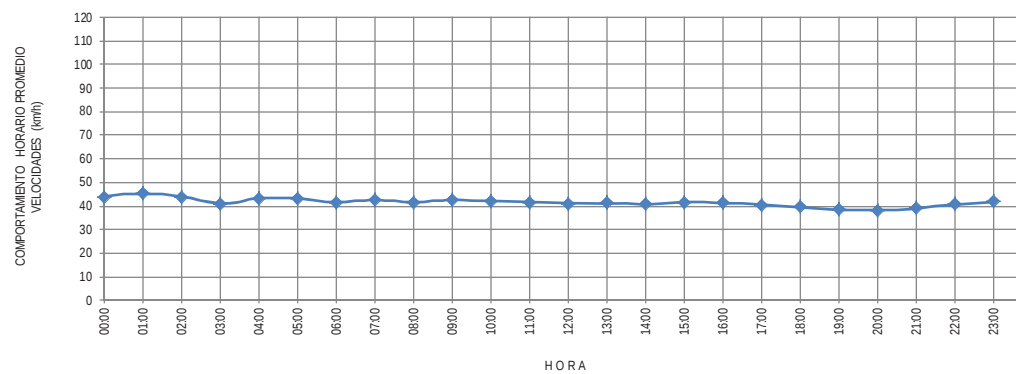


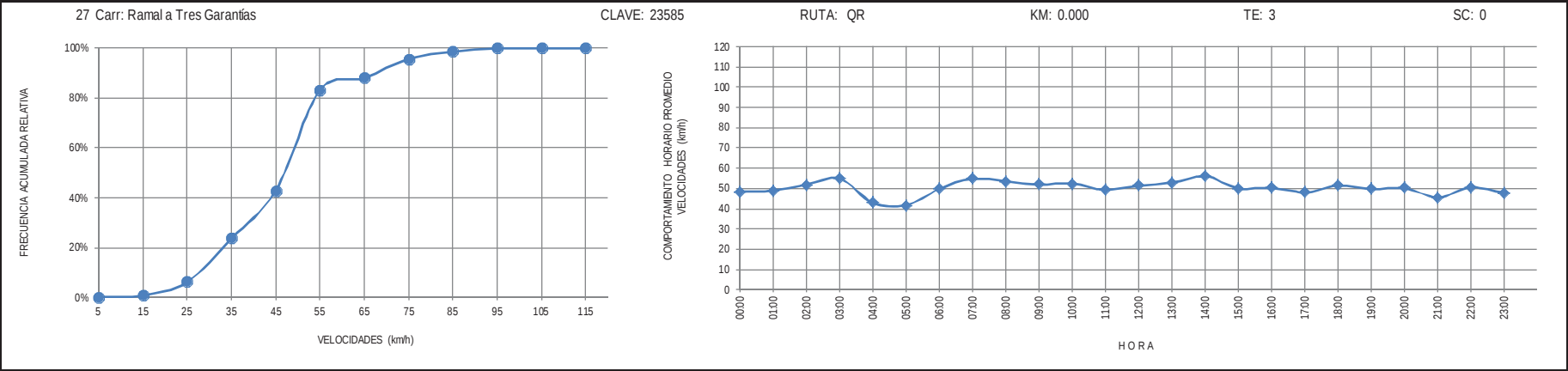
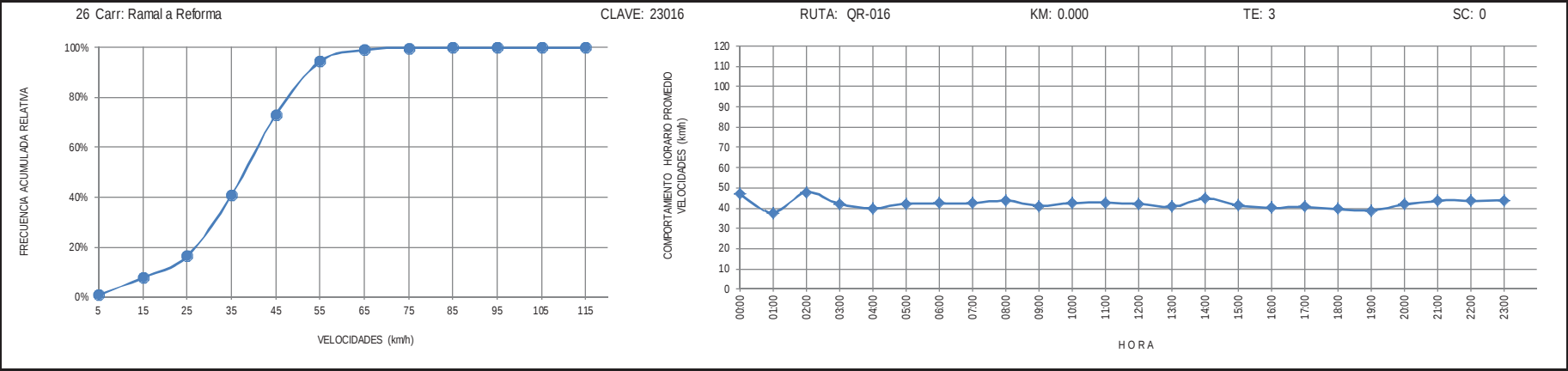
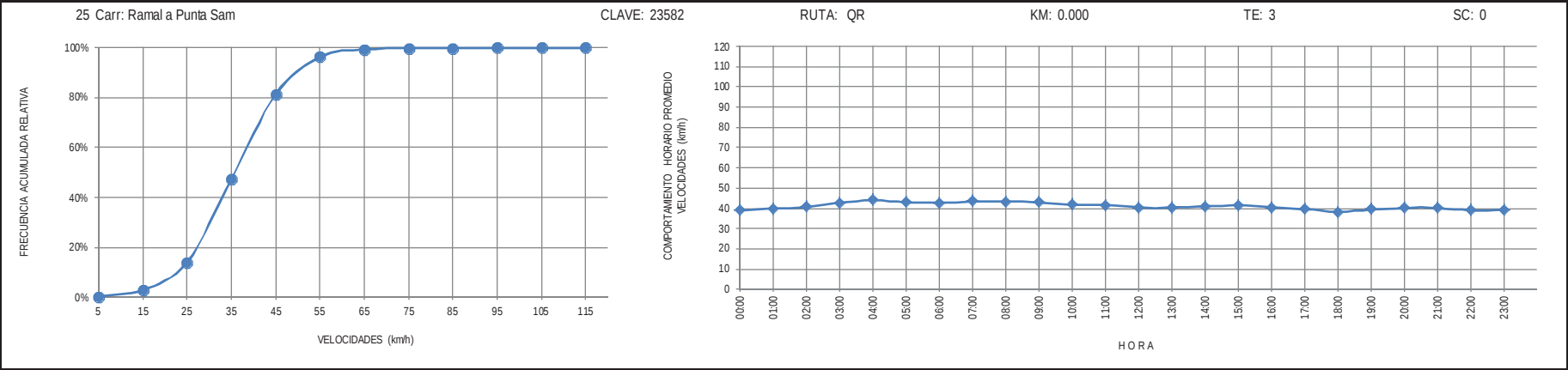
RUTA: QR-015

KM: 0.000

TE: 3

SC: 0





28 Carr: Tihosuco - Dziuche

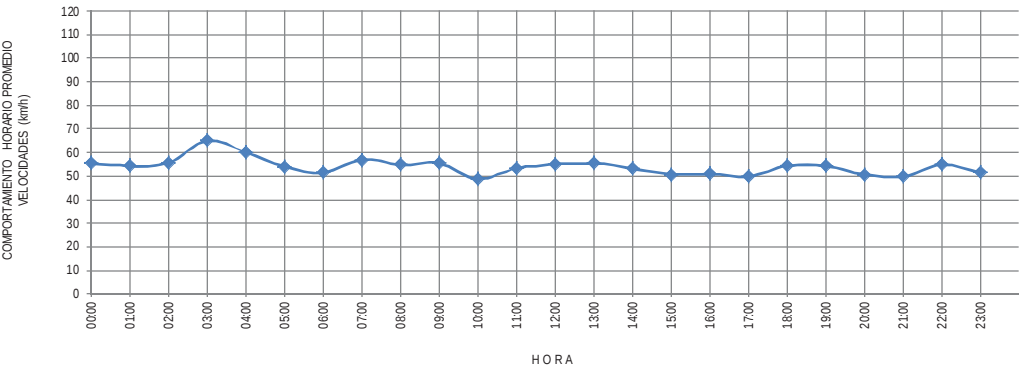
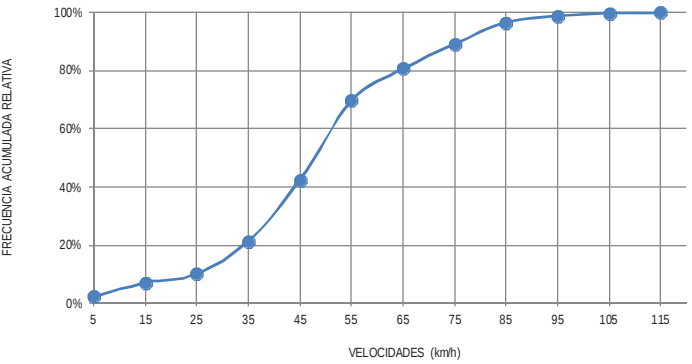
CLAVE: 23576

ruta: QR

KM: 0.000

TE: 3

SC: 0



29 Carr: Transversal de Cozumel

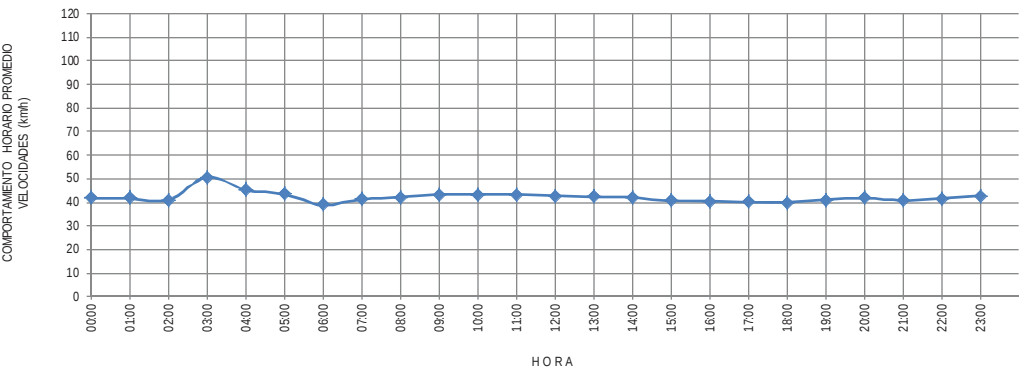
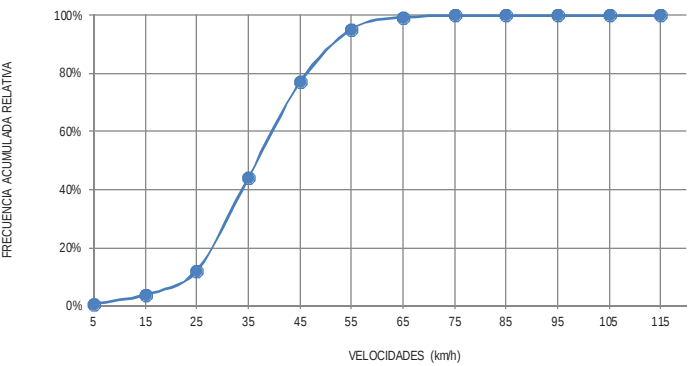
CLAVE: 23577

ruta: QR

KM: 0.000

TE: 3

SC: 1



30 Carr: Tulum - Nuevo X-Can

CLAVE: 23570

ruta: QR

KM: 0.000

TE: 3

SC: 0

