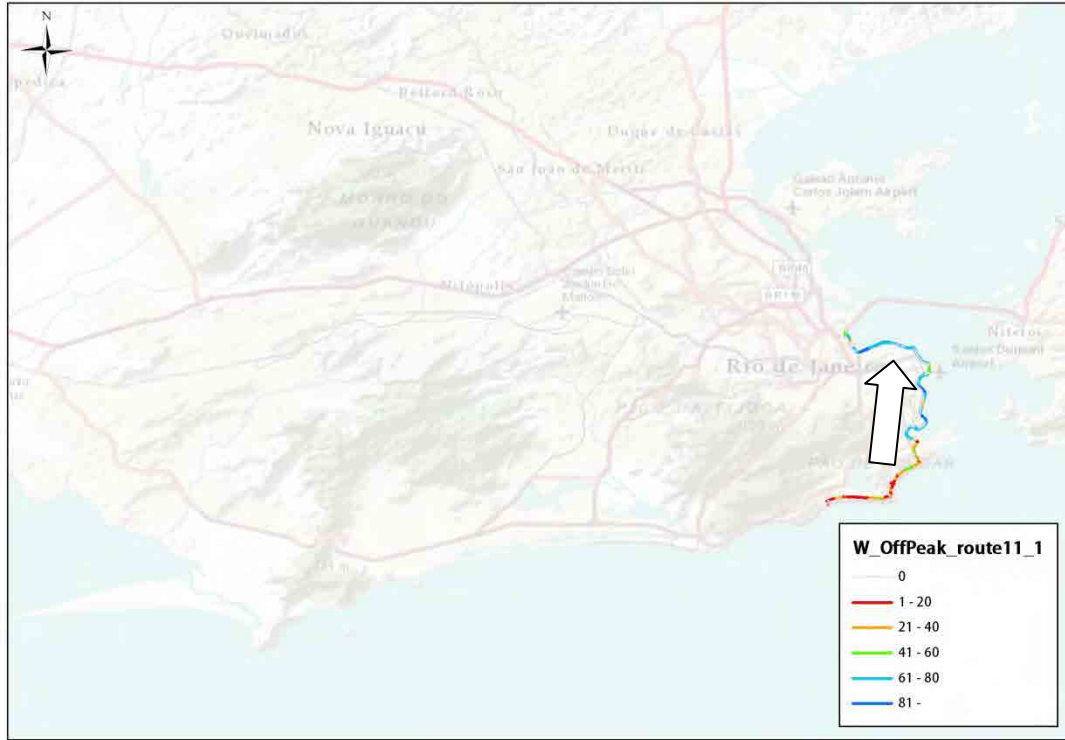


Route	Direction	Start	Goal	Main Road	Distance(km)
11	11-1	Av. Ataulfo de Paiva / R. Visc. de Albuquerque	Vevd. da Perimetral /Av. Brasil	Av. Ns. de Copacabana, Av. Gen. Justo	21
	11-2	Vevd. da Perimetral /Av. Brasil	Av. Gen. San Martin / R. Visc. de Albuquerque		20

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
12	12-1	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Vevd. Eng. Freyssinet, Vevd. Eng. Noronha	15
	12-2	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto		18

Direction 1

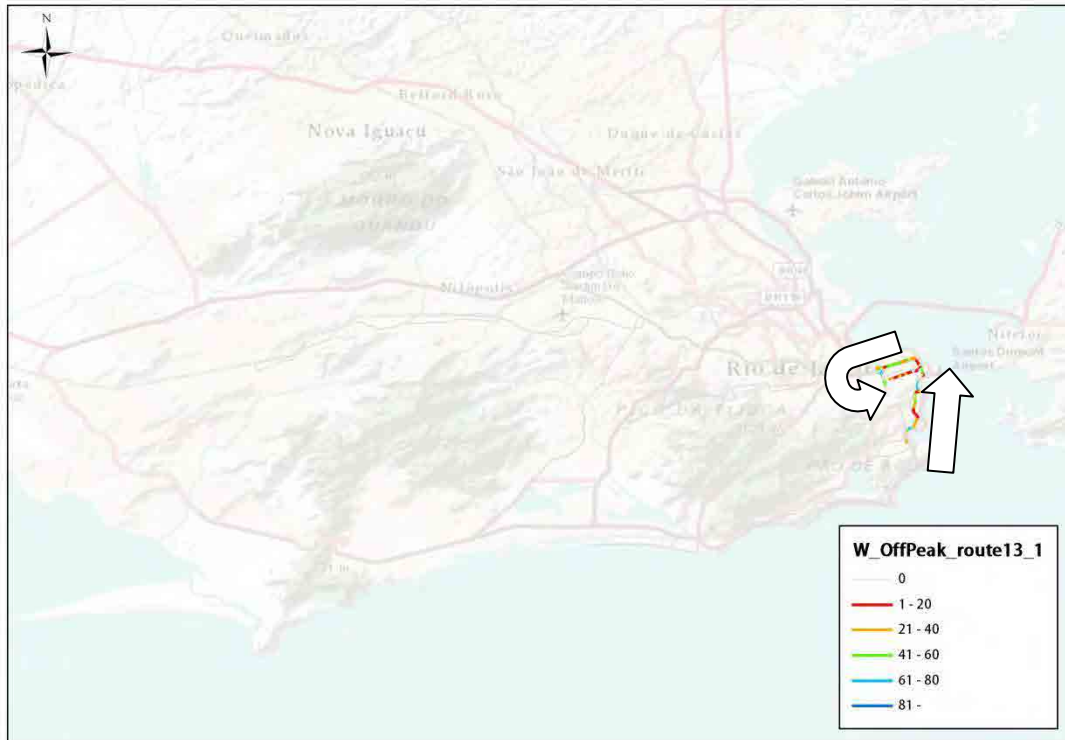


Direction 2

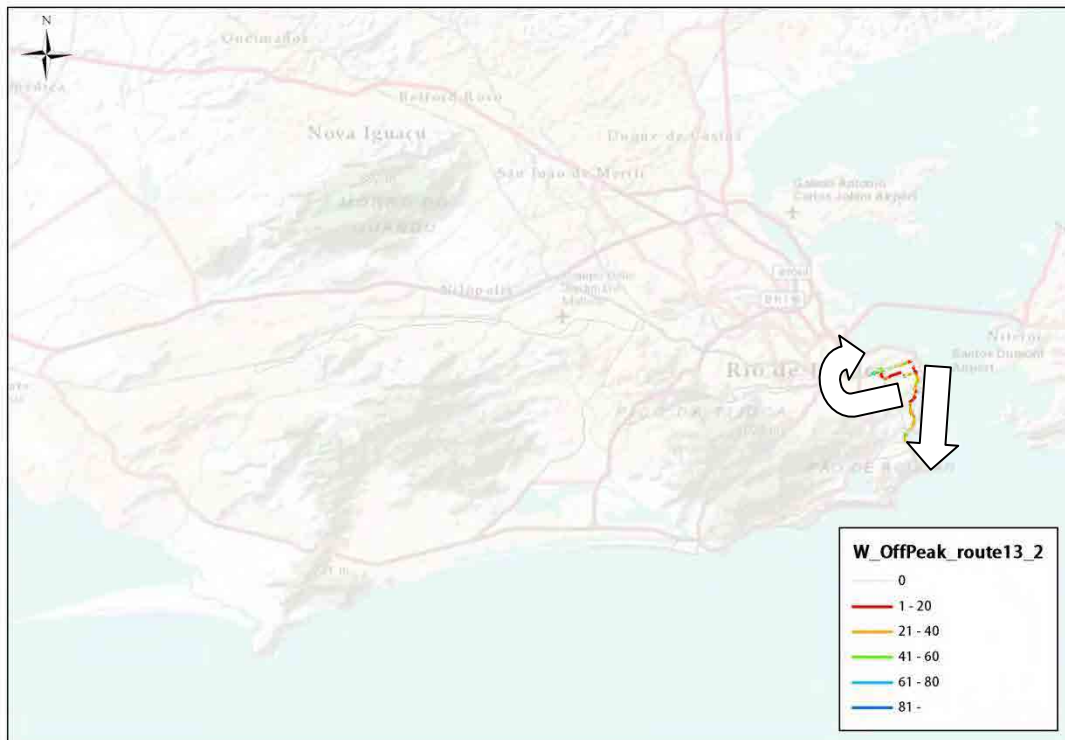


Route	Direction	Start	Goal	Main Road	Distance(km)
13	13-1	Around Largo Alm Indio do Brasil	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Av. Pres. Vargas, R. Primeiro Marco, Av. Republica do Chile, R. do Catete	14
	13-2	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Around Largo Alm Indio do Brasil	R. do Catete	13

Direction 1

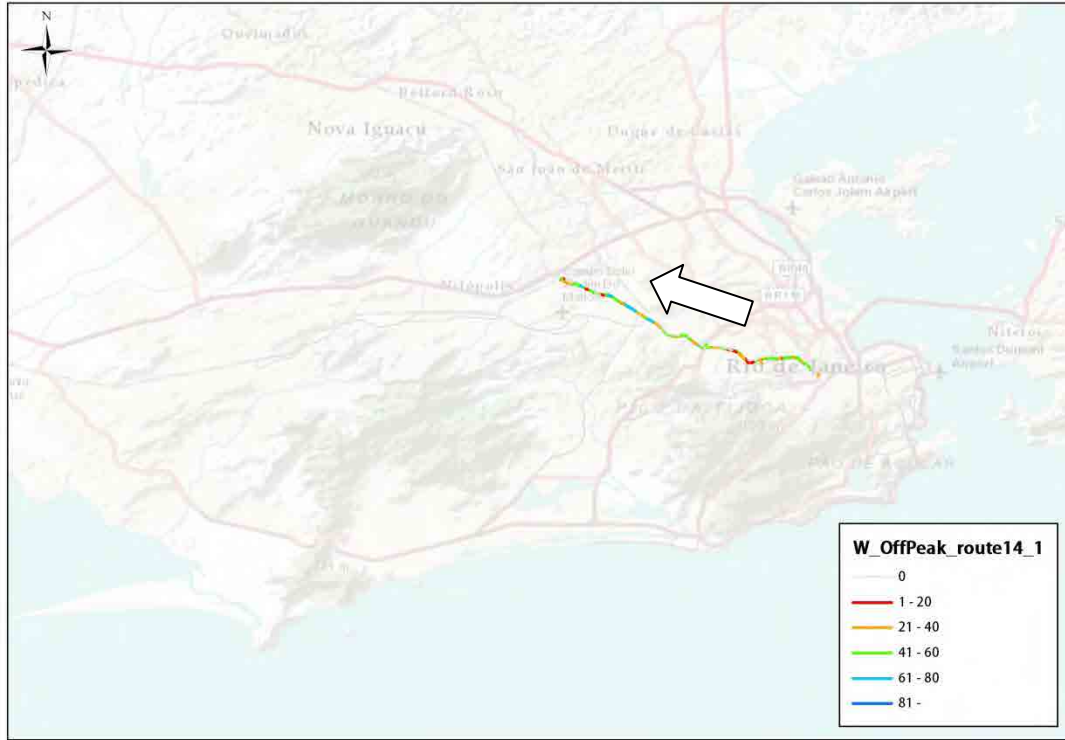


Direction 2

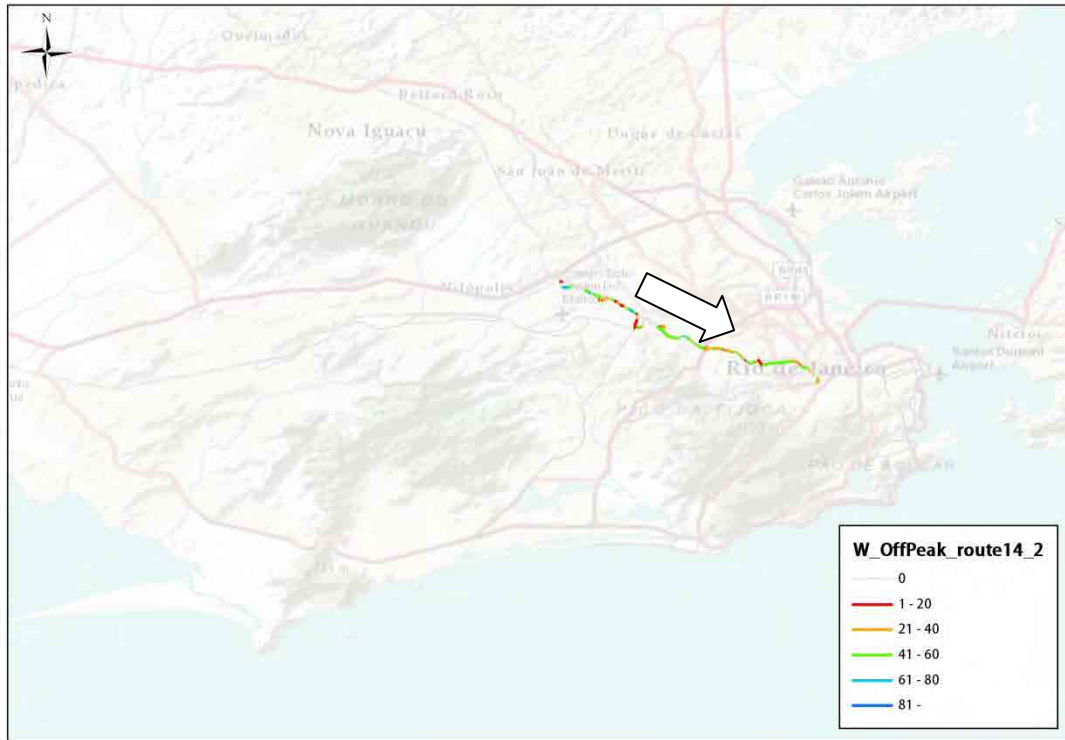


Route	Direction	Start	Goal	Main Road	Distance(km)
14	14-1	Around Maracana Stadium	Deodoro Station	R. Joao Vicente, Av. Amaro Cavalcanti	19
	14-2	Deodoro Station	Around Maracana Stadium		21

Direction 1



Direction 2

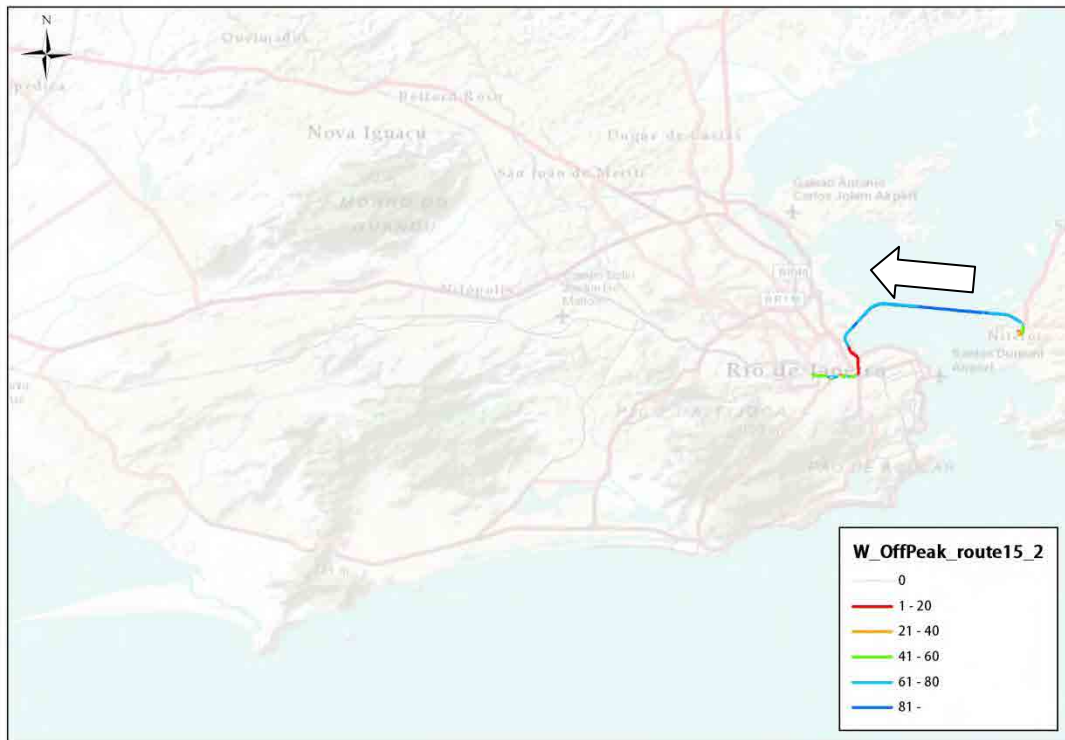


Route	Direction	Start	Goal	Main Road	Distance(km)
15	15-1	Around Maracana Stadium	Praca Dez de Novembro	Av. Pst. Martin Luther King Junior	17
	15-2	Praca Dez de Novembro	Around Maracana Stadium		18

Direction 1



Direction 2



[Evening Peak]

Route	Direction	Start	Goal	Main Road	Distance(km)
1	1-1	Cidade da Musica	Palácio das Exposições	Linha Amarela, Rio-Niteroi	30
	1-2	Palácio das Exposições	Cidade da Musica		31

Direction 1



Direction 2

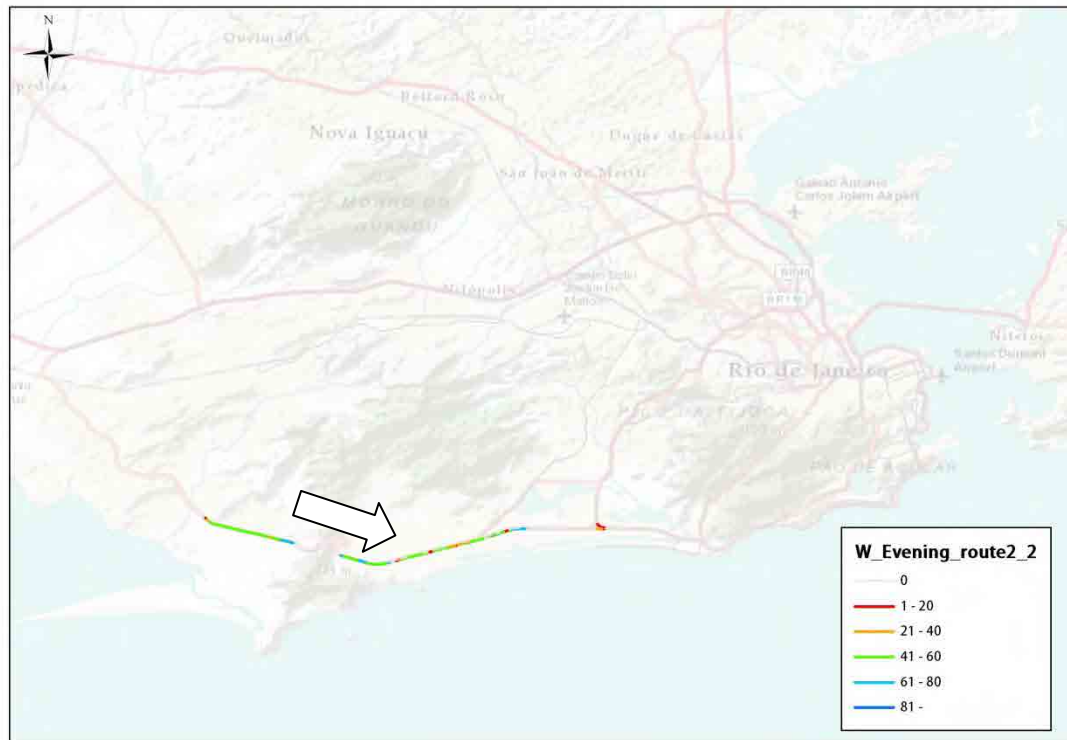


Route	Direction	Start	Goal	Main Road	Distance(km)
2	2-1	Cidade da Musica	Av. das Americas / Estr. Da Matriz	Av. das Americas	27
	2-2	Av. das Americas / Estr. Da Matriz	Cidade da Musica		28

Direction 1



Direction 2

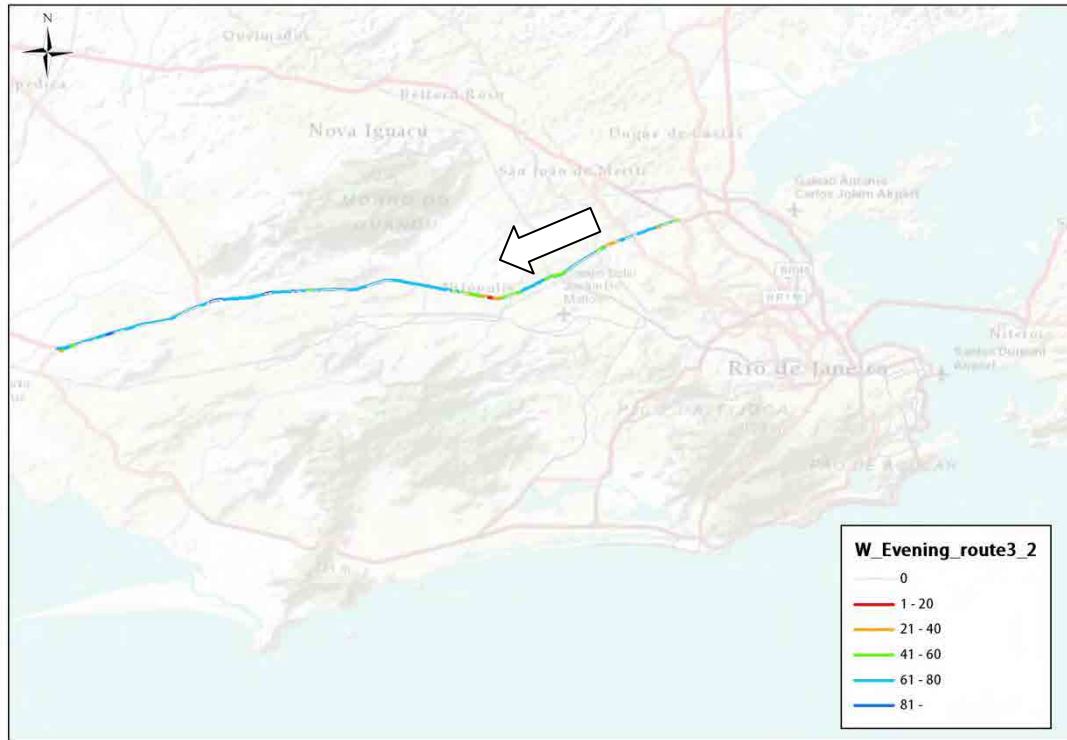


Route	Direction	Start	Goal	Main Road	Distance(km)
3	3-1	Av. da Brasil / Rod. Rio-santos	Av. da Brasil / Rod. Pres. Dutra	Av. Brasil	40
	3-2	Av. da Brasil / Rod. Pres. Dutra	Av. da Brasil / Rod. Rio-santos		39

Direction 1

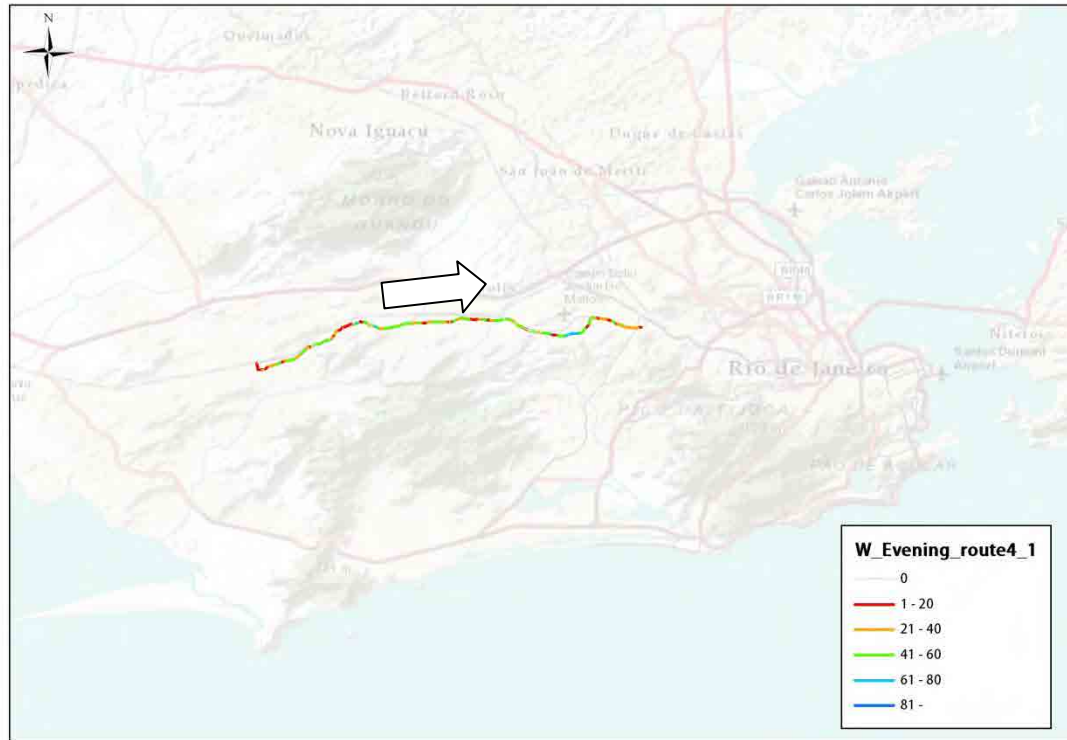


Direction 2

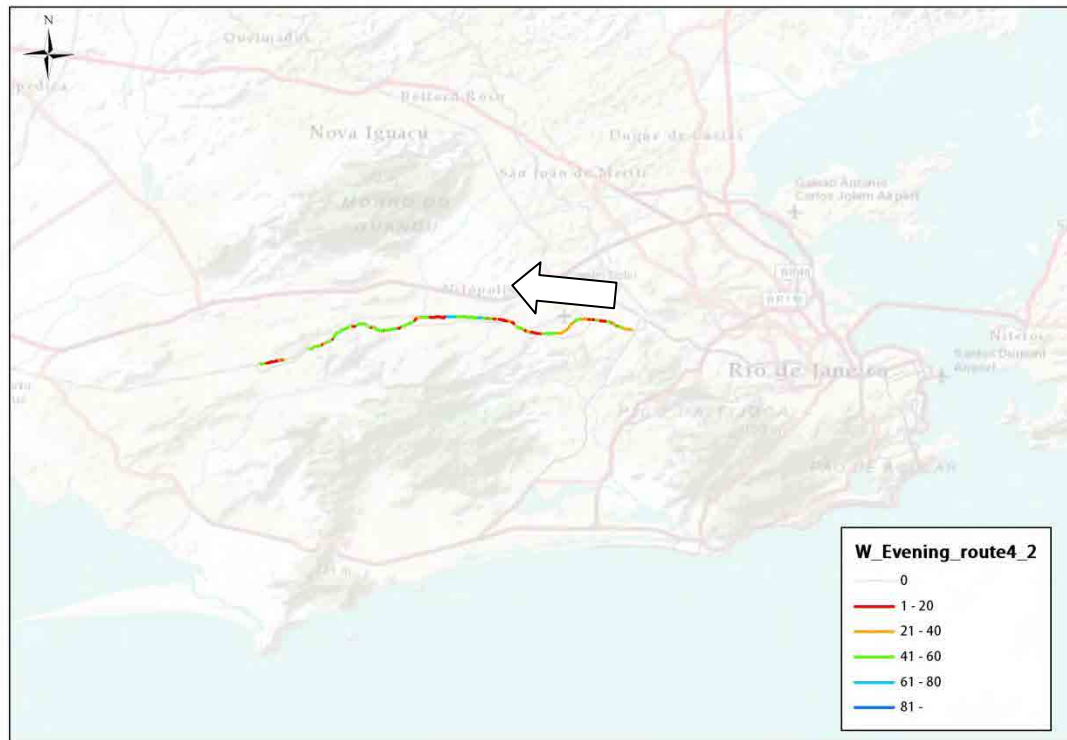


Route	Direction	Start	Goal	Main Road	Distance(km)
4	4-1	Av. Cesario de Melo / Av. Maria Teresa	Estr. Int. Magalhães / R. Dominges Lopes	Av. de Santa Cruz	25
	4-2	Estr. Int. Magalhães / R. Dominges Lopes	Av. Cesario de Melo / Av. Maria Teresa		25

Direction 1

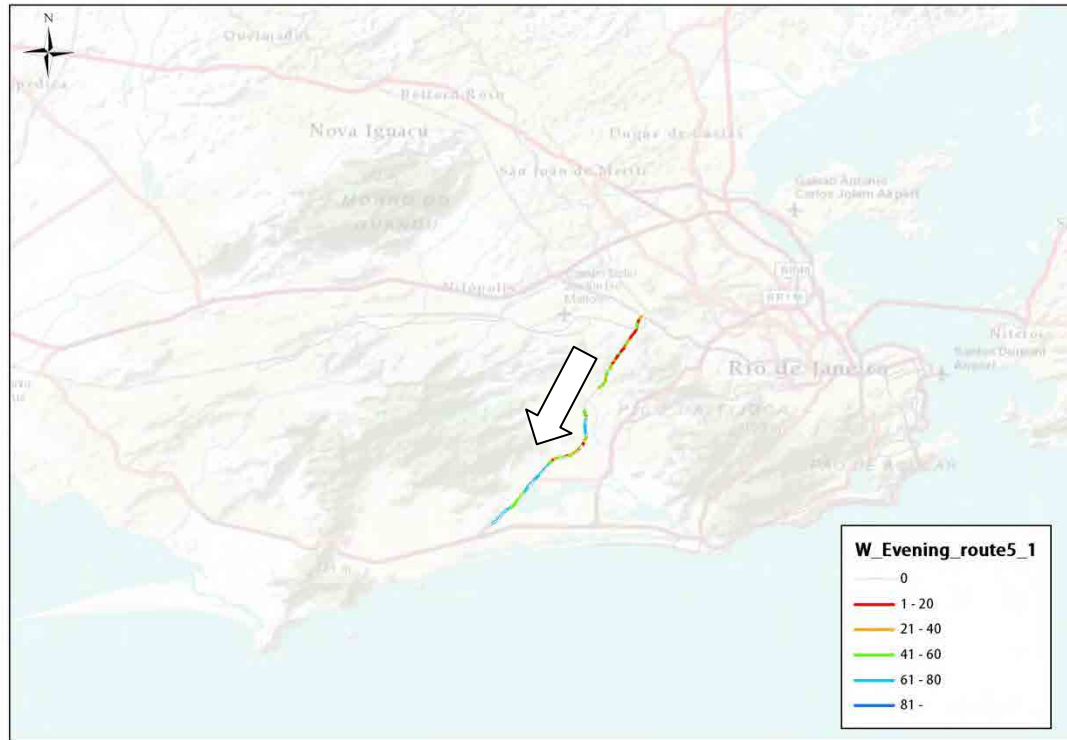


Direction 2

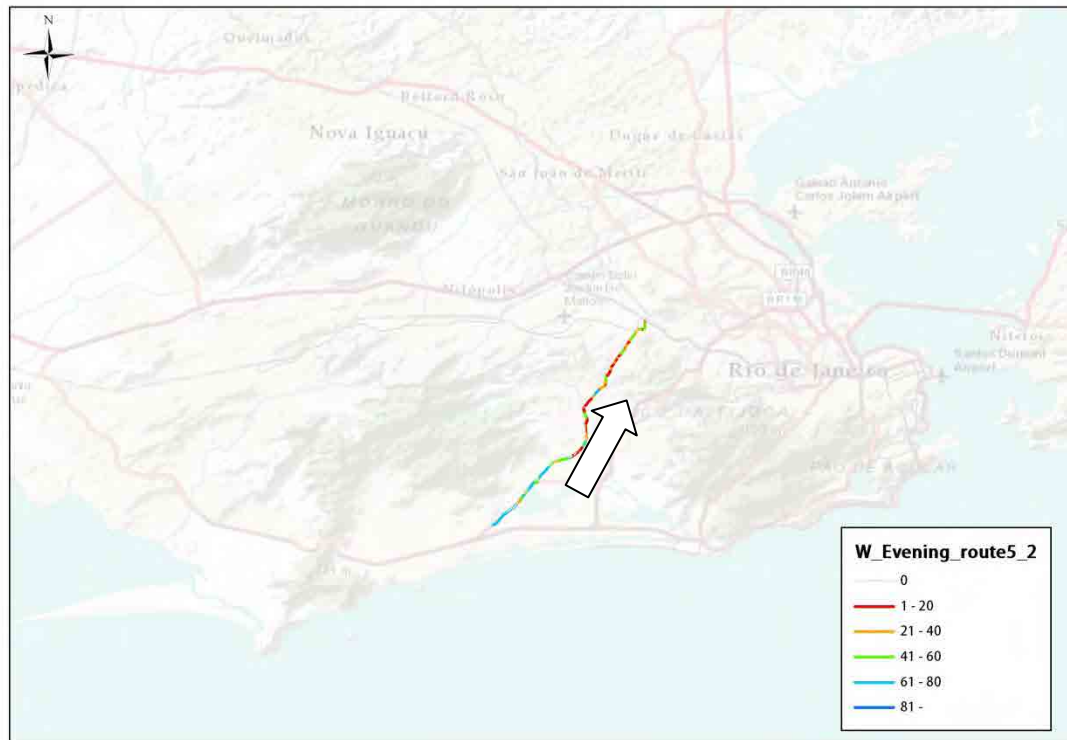


Route	Direction	Start	Goal	Main Road	Distance(km)
5	5-1	R. Dominges Lopes / R. Joao Vicente	Av. Salvador Allende / Av. das Americas	Av. Salvador Allende, Av. Nelson Cardoso	19
	5-2	Av. Salvador Allende / Av. das Americas	R. Dominges Lopes / R. Joao Vicente		20

Direction 1



Direction 2

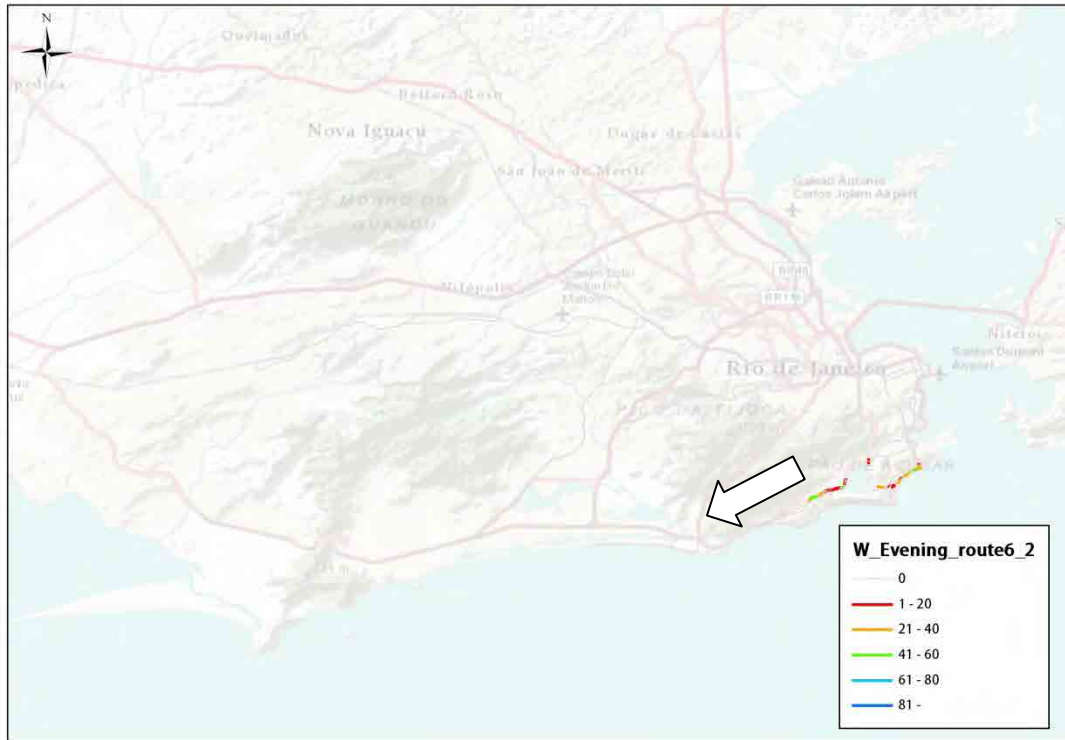


Route	Direction	Start	Goal	Main Road	Distance(km)
6	6-1	Barra Square Shoppin Center	Av. Atlantica / Av. Prca. Isabel	Av. das Americas, Estr. Lagoa Barra	21
	6-2	Av. Atlantica / Av. Prca. Isabel	Barra Square Shoppin Center		22

Direction 1



Direction 2

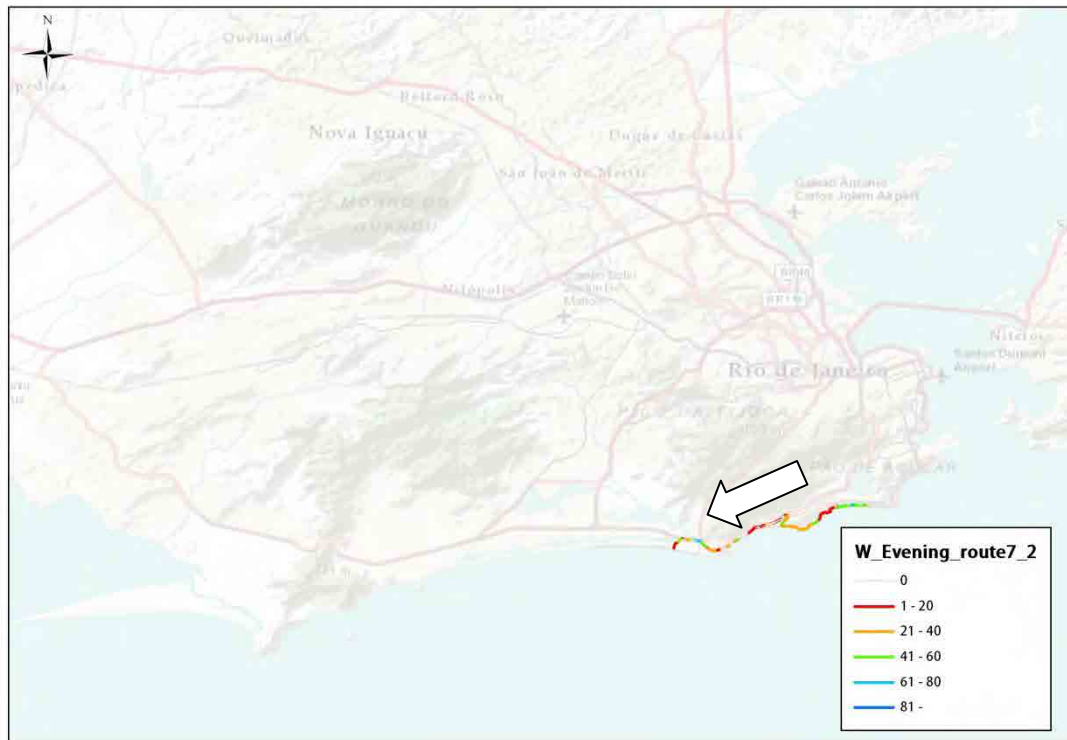


Route	Direction	Start	Goal	Main Road	Distance(km)
7	7-1	Av. Lucio Costa / Av.Ayrton Senna	R. Francisco Otaviano / Av. Atlantica	Av. Ayrton Senna, Av. Sernambetiba	21
	7-2	R. Joaquim Nabuco / Av. Atlantica	Av. Lucio Costa / Av.Ayrton Senna		22

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
8	8-1	Around Maracana Stadium	Pte. Nova / Av. Amando Lombardi	Estr. Velha Tijuca	17
	8-2	Pte. Velha / Av. Amando Lombardi	Around Maracana Stadium		17

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
9	9-1	Av. Geremário Dantas / Ln. Amarela	Around Maracana Stadium	Av. Menezes Cortes	15
	9-2	Around Maracana Stadium	Av. Geremário Dantas / Ln. Amarela		15

Direction 1

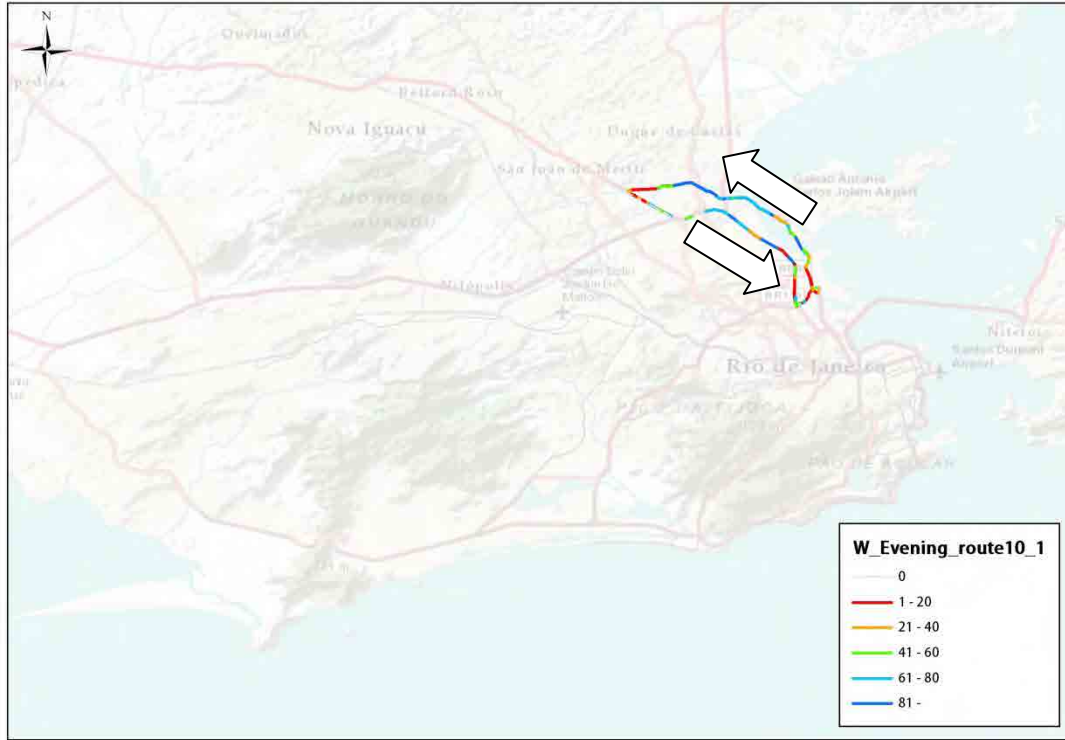


Direction 2

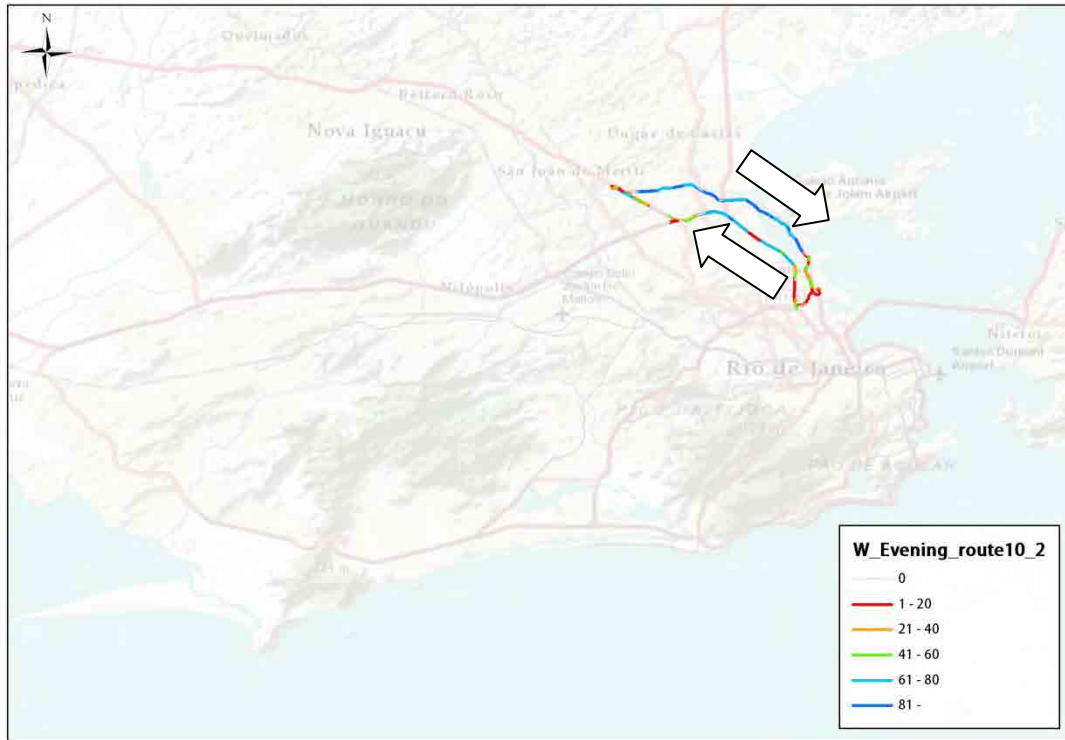


Route	Direction	Start	Goal	Main Road	Distance(km)
10	10-1	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra	Av. Brasil, Linha Vermelha	35
	10-2	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra		31

Direction 1

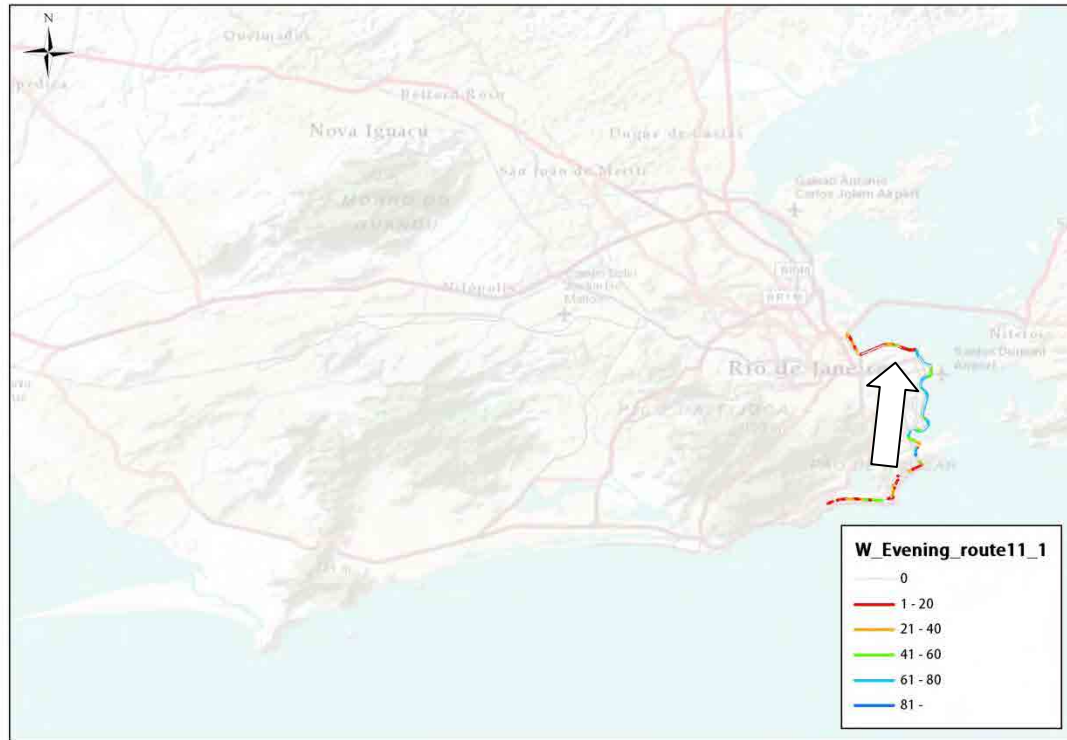


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
11	11-1	Av. Ataulfo de Paiva / R. Visc. de Albuquerque	Vevd. da Perimetral /Av. Brasil	Av. Ns. de Copacabana, Av. Gen. Justo	21
	11-2	Vevd. da Perimetral /Av. Brasil	Av. Gen. San Martin / R. Visc. de Albuquerque		20

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
12	12-1	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Vevd. Eng. Freyssinet, Vevd. Eng. Noronha	15
	12-2	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto		18

Direction 1

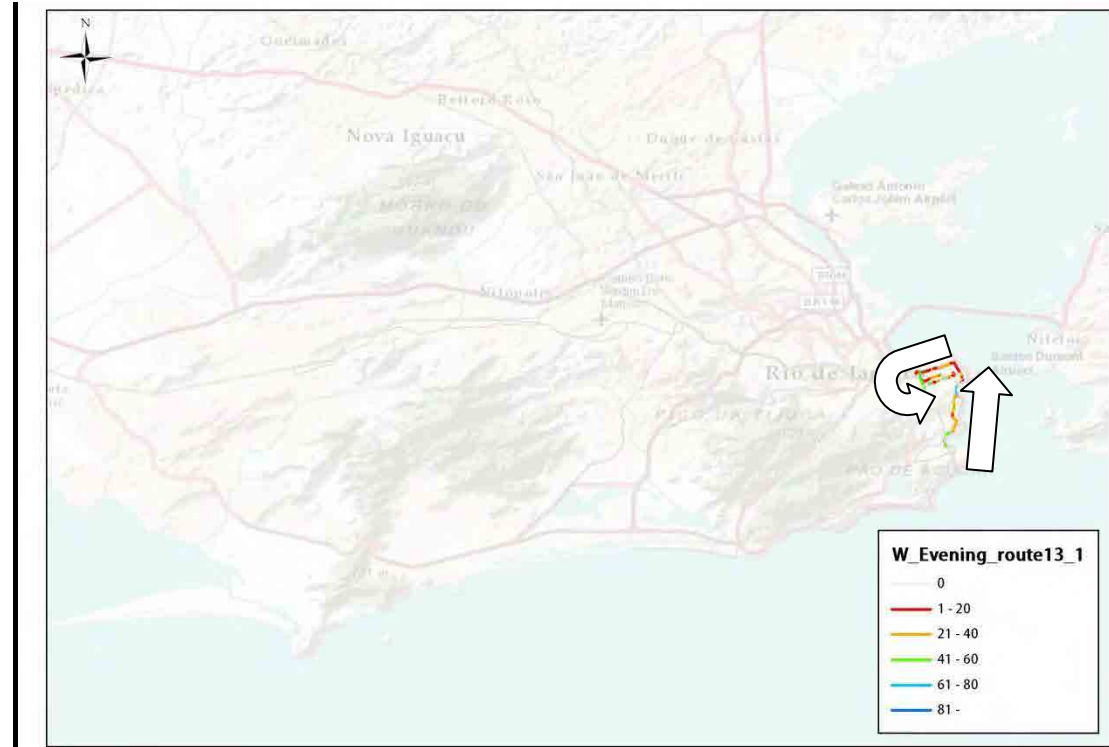


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
13	13-1	Around Largo Alm Indio do Brasil	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Av. Pres. Vargas, R. Primeiro Marco, Av. Republica do Chile, R. do Catete	14
	13-2	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Around Largo Alm Indio do Brasil	R. do Catete	13

Direction 1



Direction 2

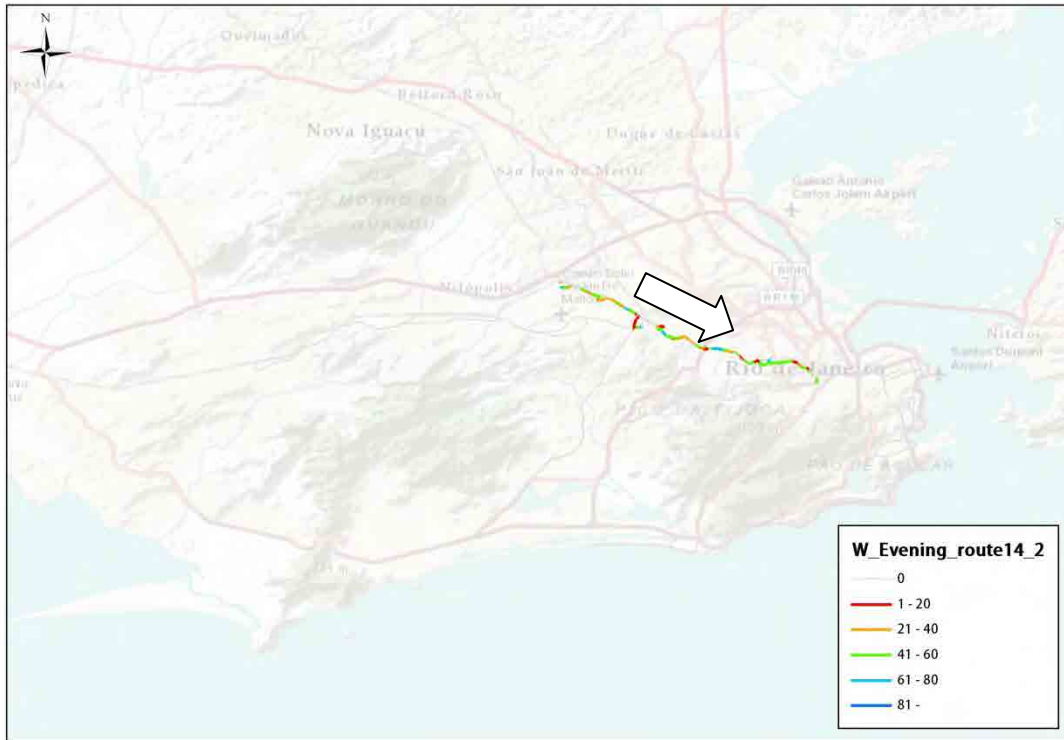


Route	Direction	Start	Goal	Main Road	Distance(km)
14	14-1	Around Maracana Stadium	Deodoro Station	R. Joao Vicente, Av. Amaro Cavalcanti	19
	14-2	Deodoro Station	Around Maracana Stadium		21

Direction 1



Direction 2

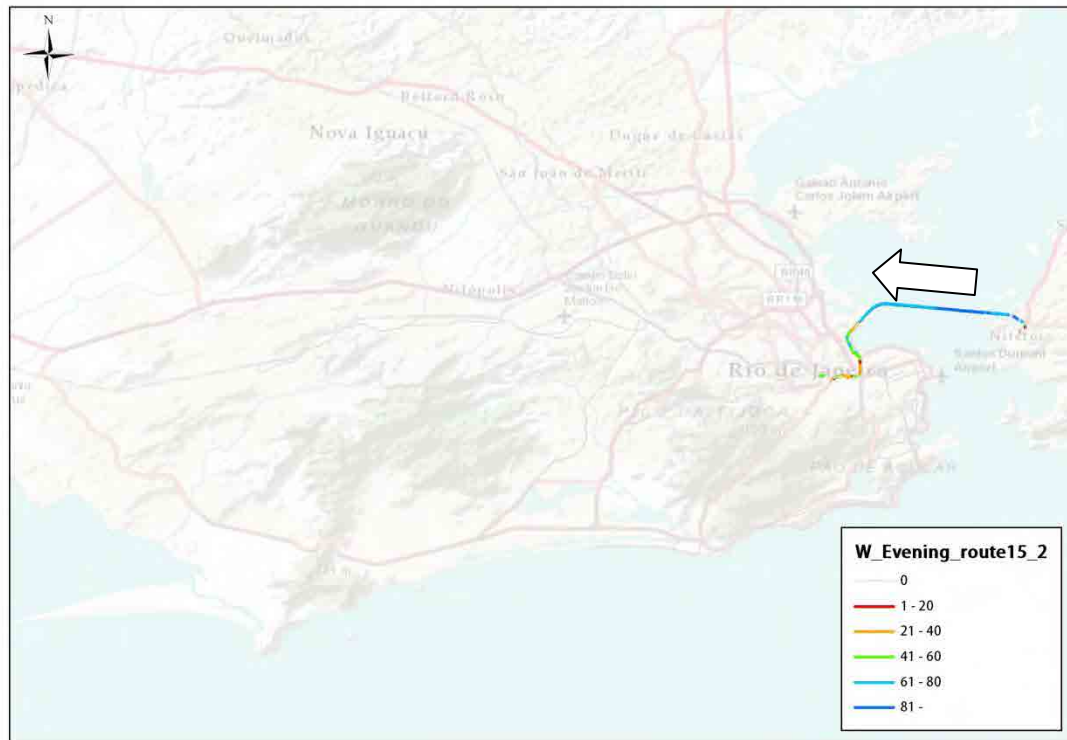


Route	Direction	Start	Goal	Main Road	Distance(km)
15	15-1	Around Maracana Stadium	Praca Dez de Novembro	Av. Pst. Martin Luther King Junior	17
	15-2	Praca Dez de Novembro	Around Maracana Stadium		18

Direction 1



Direction 2



3) Travel Time Data (Holiday)

[Morning Peak]

Route	Direction	Start	Goal	Main Road	Distance(km)
1	1-1	Cidade da Musica	Palácio das Exposições	Linha Amarela, Rio-Niteroi	30
	1-2	Palácio das Exposições	Cidade da Musica		31

Direction 1

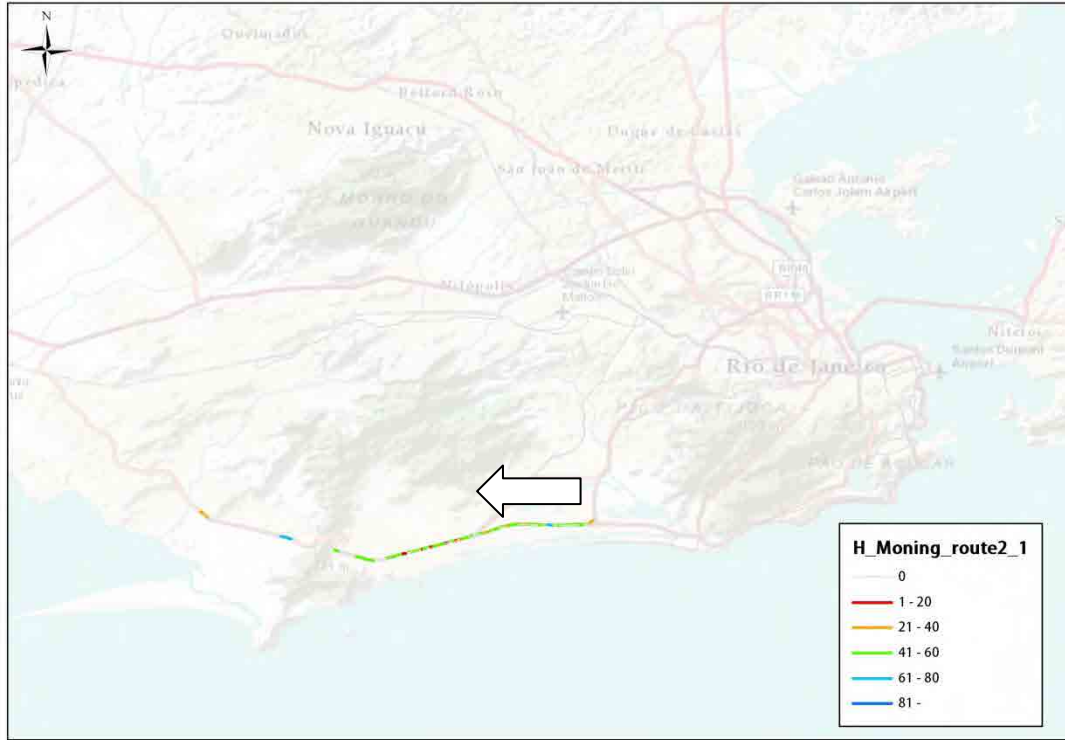


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
2	2-1	Cidade da Musica	Av. das Americas / Estr. Da Matriz	Av. das Americas	27
	2-2	Av. das Americas / Estr. Da Matriz	Cidade da Musica		28

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
3	3-1	Av. da Brasil / Rod. Rio-santos	Av. da Brasil / Rod. Pres. Dutra	Av. Brasil	40
	3-2	Av. da Brasil / Rod. Pres. Dutra	Av. da Brasil / Rod. Rio-santos		39

Direction 1

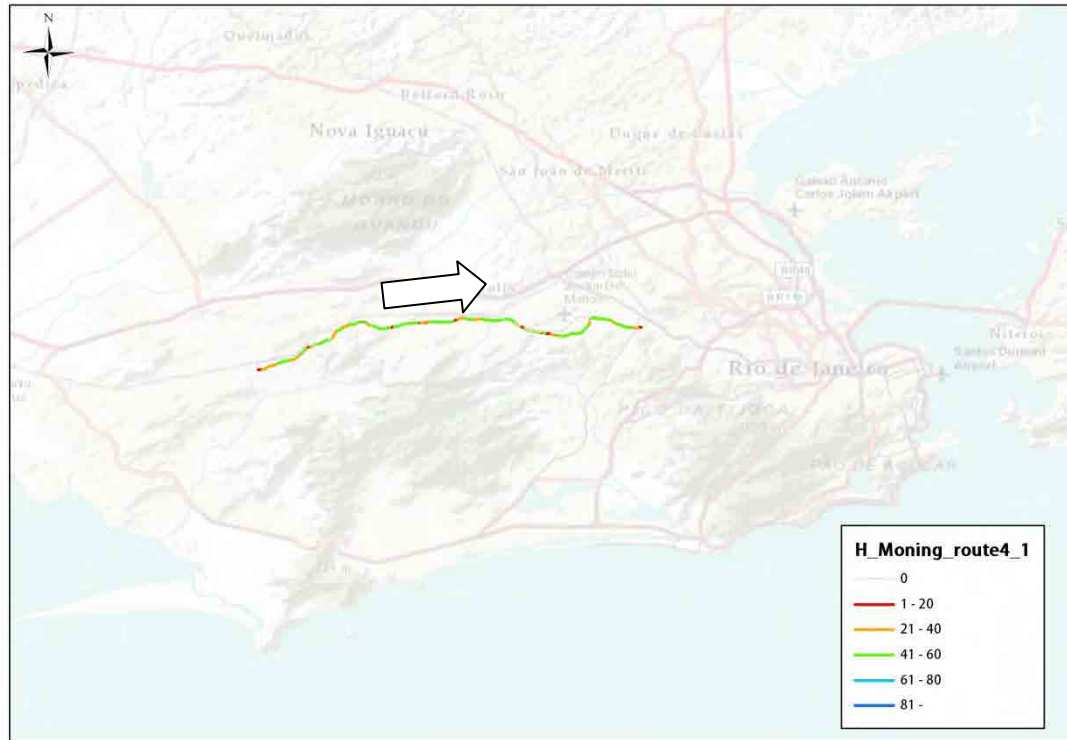


Direction 2

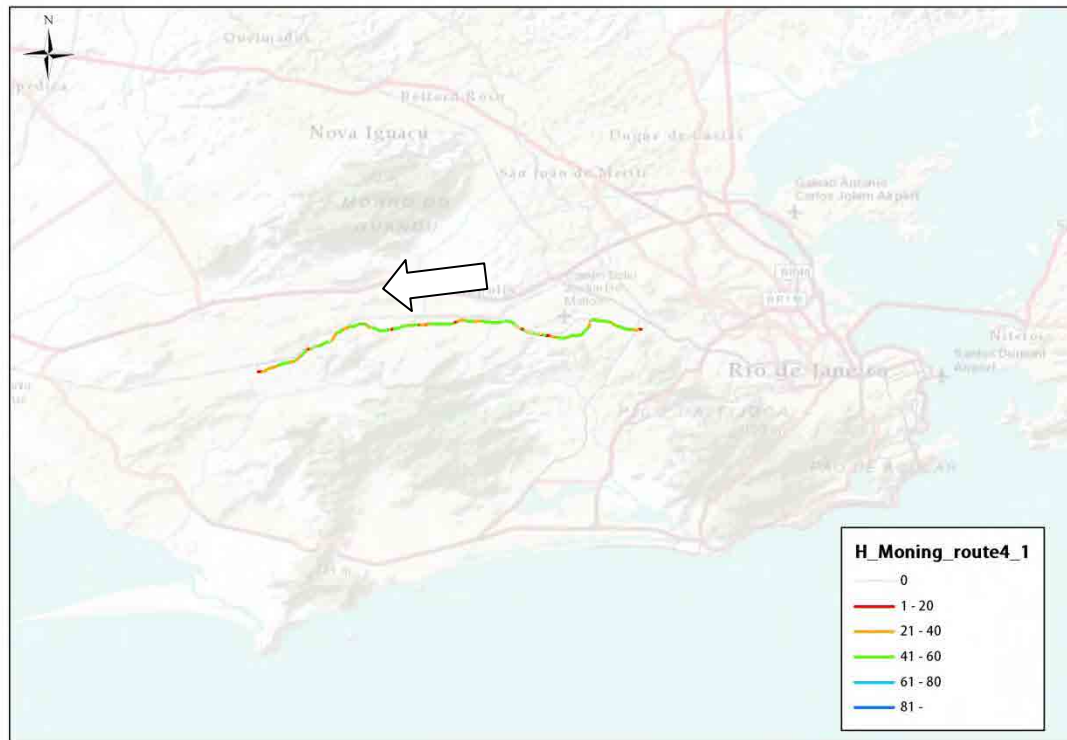


Route	Direction	Start	Goal	Main Road	Distance(km)
4	4-1	Av. Cesario de Melo / Av. Maria Teresa	Estr. Int. Magalhães / R. Dominges Lopes	Av. de Santa Cruz	25
	4-2	Estr. Int. Magalhães / R. Dominges Lopes	Av. Cesario de Melo / Av. Maria Teresa		25

Direction 1



Direction 2

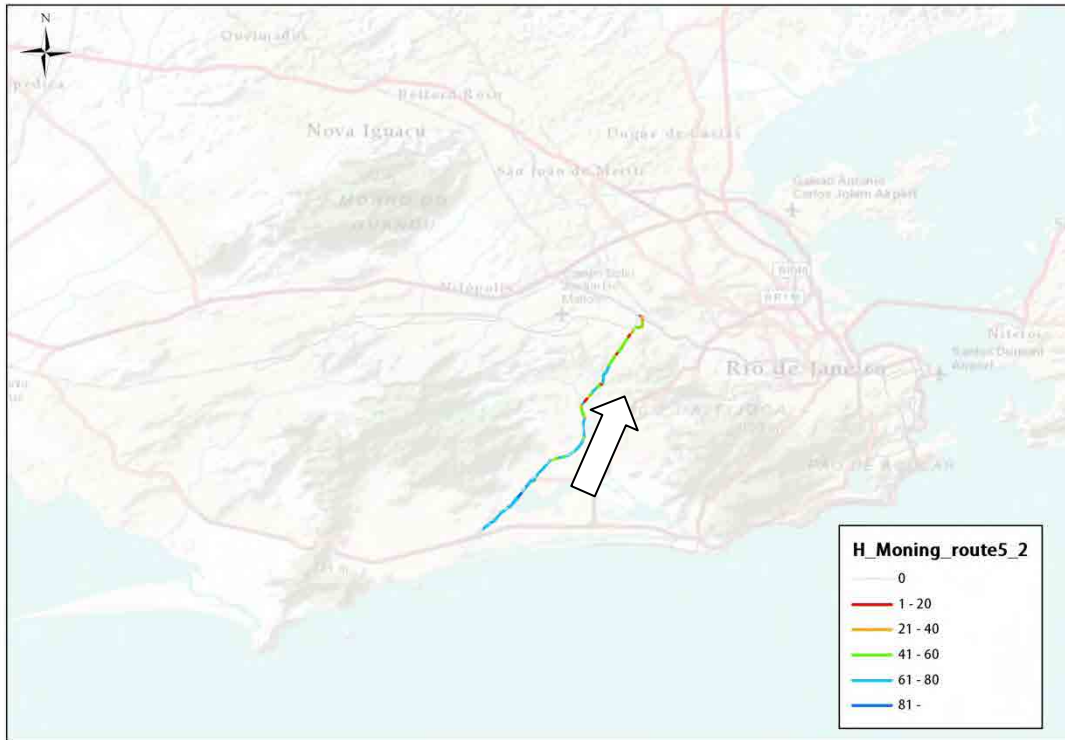


Route	Direction	Start	Goal	Main Road	Distance(km)
5	5-1	R. Dominges Lopes / R. Joao Vicente	Av. Salvaror Allende / Av. das Americas	Av. Salvador Allende, Av. Nelson Cardoso	19
	5-2	Av. Salvaror Allende / Av. das Americas	R. Dominges Lopes / R. Joao Vicente		20

Direction 1

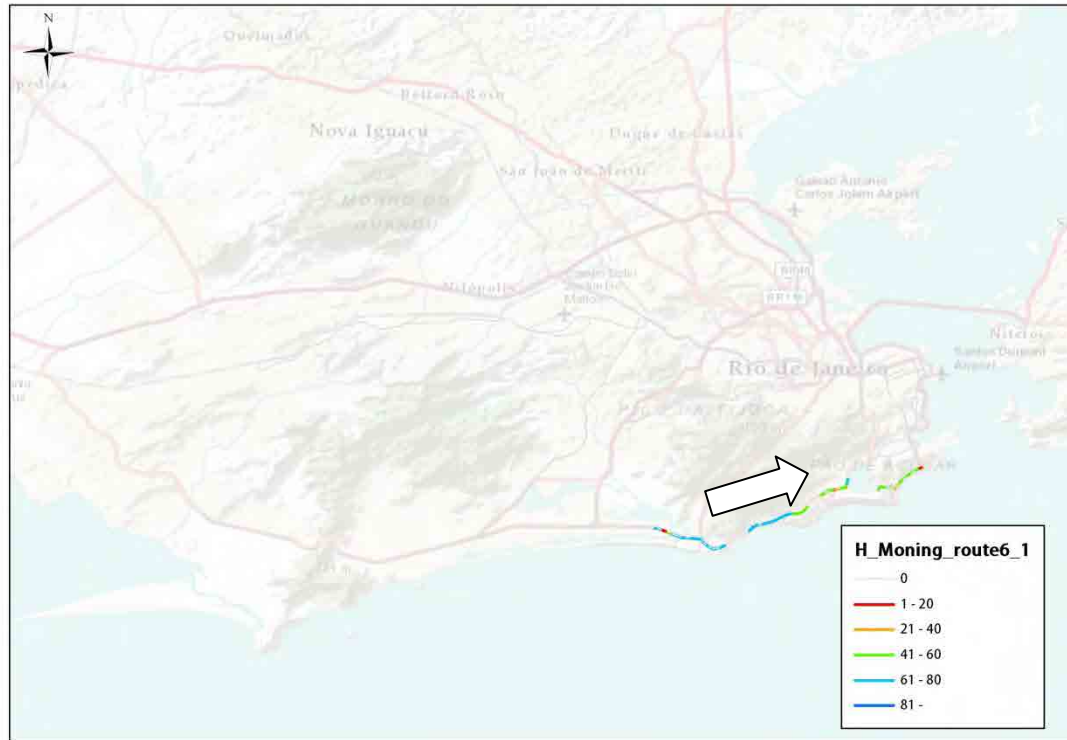


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
6	6-1	Barra Square Shoppin Center	Av. Atlantica / Av. Prca. Isabel	Av. das Americas, Estr. Lagoa Barra	21
	6-2	Av. Atlantica / Av. Prca. Isabel	Barra Square Shoppin Center		22

Direction 1

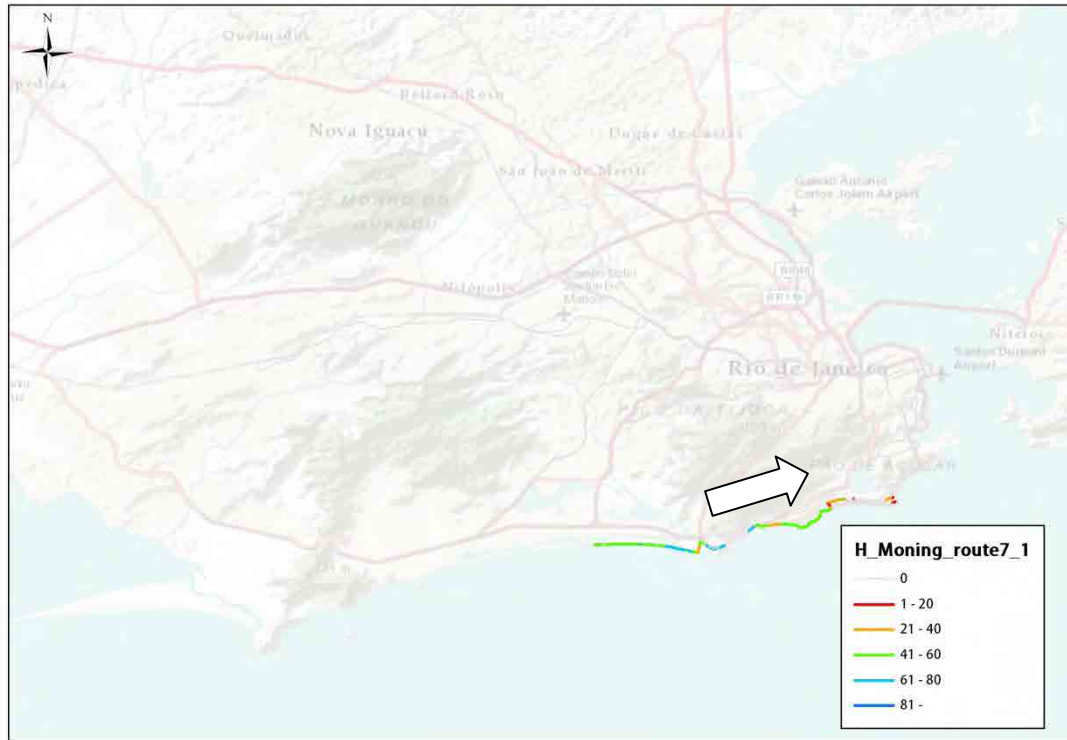


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
7	7-1	Av. Lucio Costa / Av.Ayrton Senna	R. Francisco Otaviano / Av. Atlantica	Av. Ayrton Senna, Av. Sernambetiba	21
	7-2	R. Joaquim Nabuco / Av. Atlantica	Av. Lucio Costa / Av.Ayrton Senna		22

Direction 1

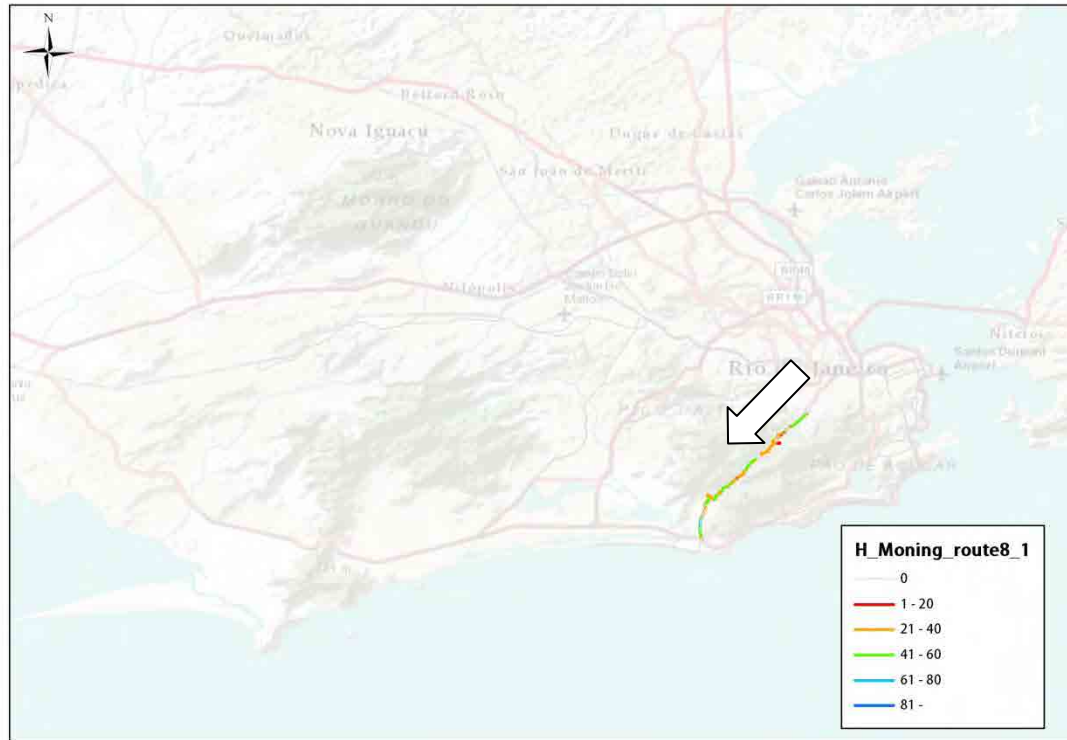


Direction 2

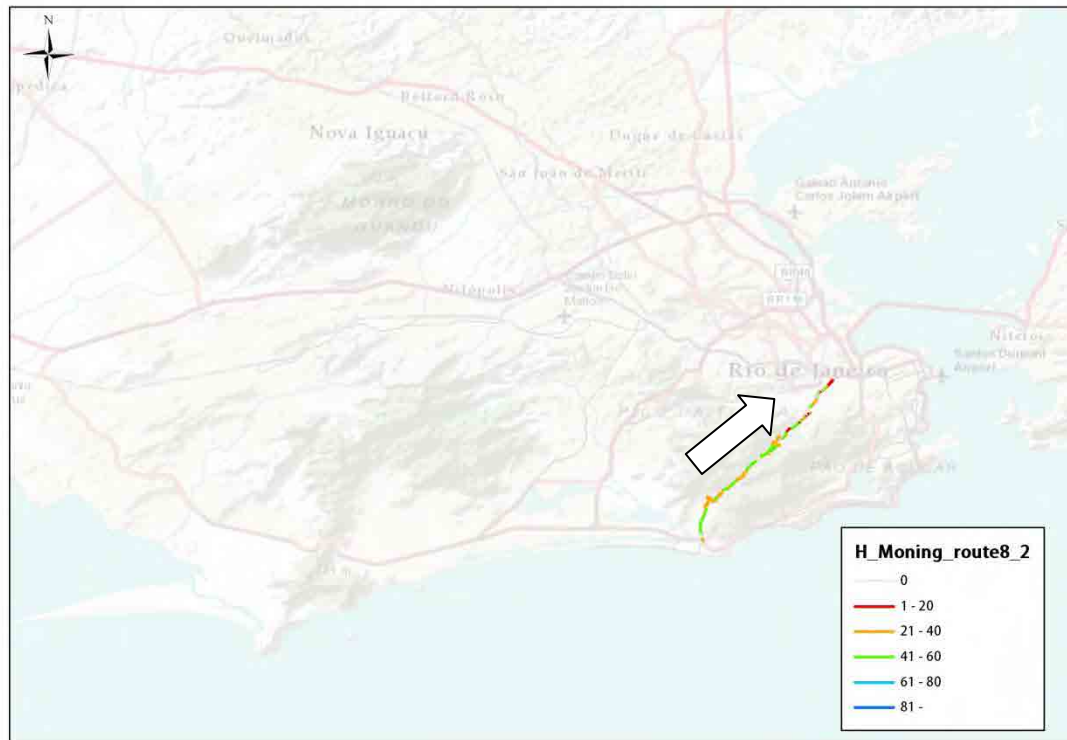


Route	Direction	Start	Goal	Main Road	Distance(km)
8	8-1	Around Maracana Stadium	Pte. Nova / Av. Amando Lombardi	Estr. Velha Tijuca	17
	8-2	Pte. Velha / Av. Amando Lombardi	Around Maracana Stadium		17

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
9	9-1	Av. Geremário Dantas / Ln. Amarela	Around Maracana Stadium	Av. Menezes Cortes	15
	9-2	Around Maracana Stadium	Av. Geremário Dantas / Ln. Amarela		15

Direction 1

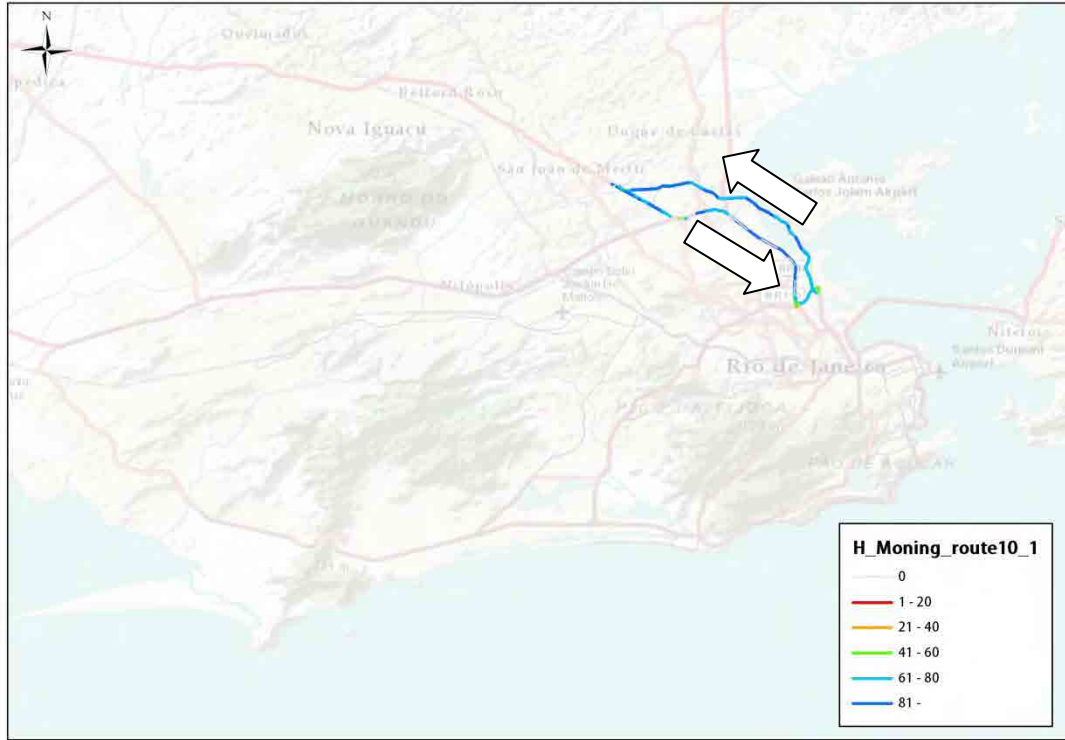


Direction 2

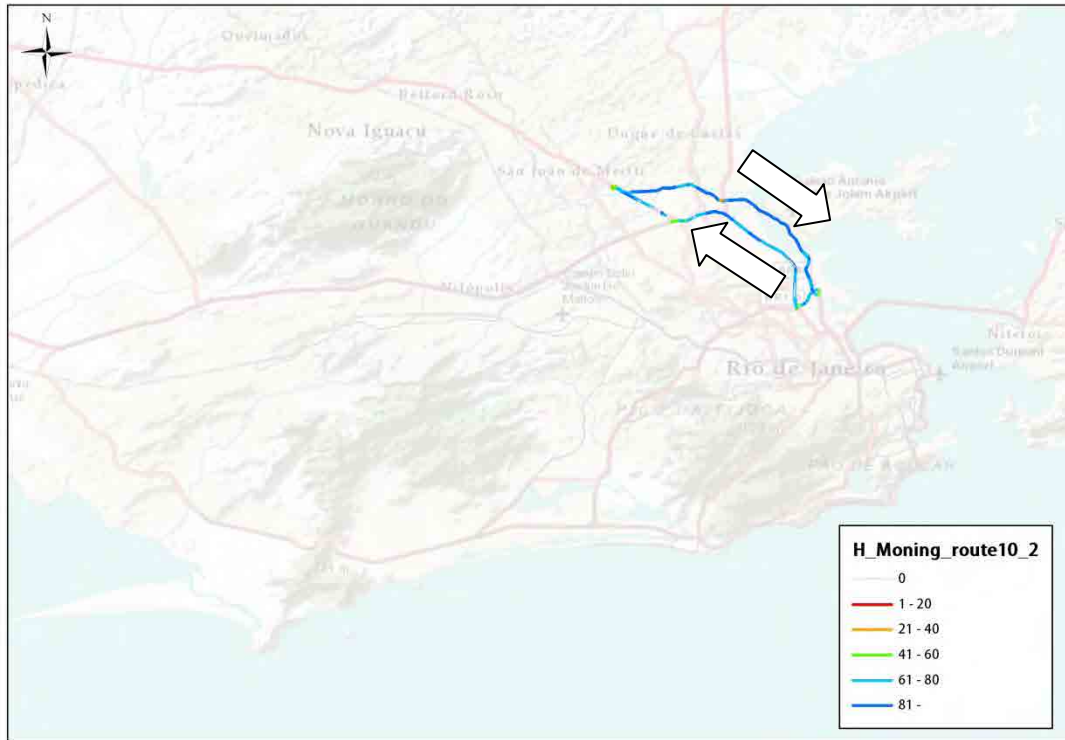


Route	Direction	Start	Goal	Main Road	Distance(km)
10	10-1	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra	Av. Brasil, Linha Vermelha	35
	10-2	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra		31

Direction 1

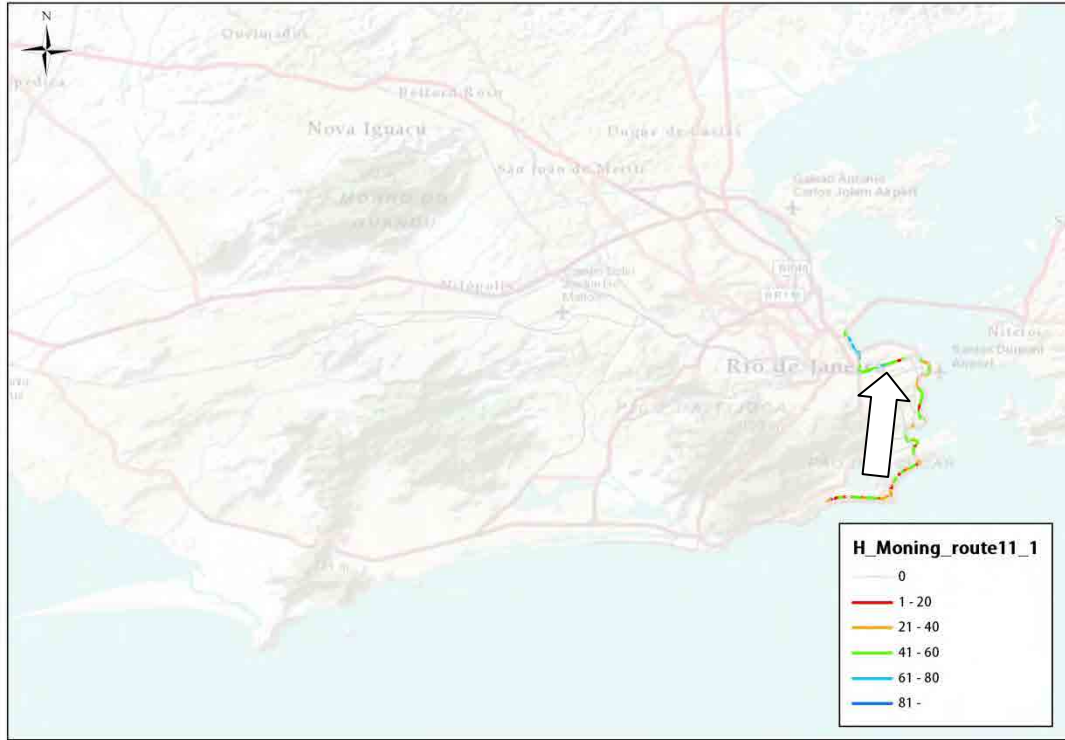


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
11	11-1	Av. Ataulfo de Paiva / R. Visc. de Albuquerque	Vevd. da Perimetral /Av. Brasil	Av. Ns. de Copacabana, Av. Gen. Justo	21
	11-2	Vevd. da Perimetral /Av. Brasil	Av. Gen. San Martin / R. Visc. de Albuquerque		20

Direction 1

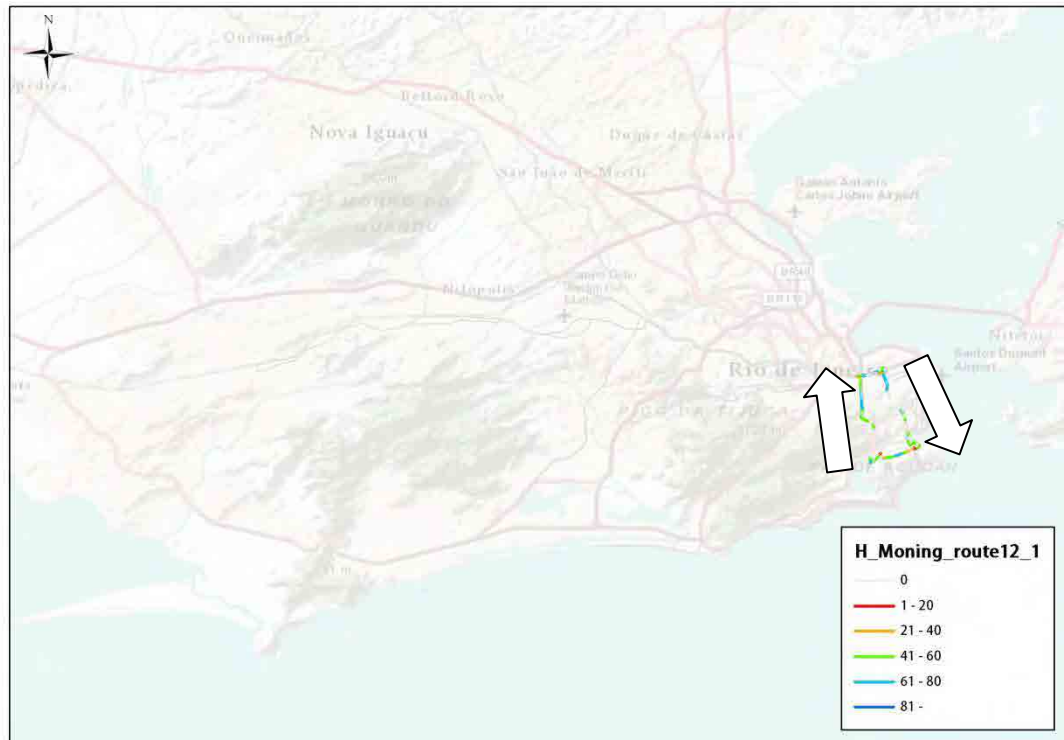


Direction 2

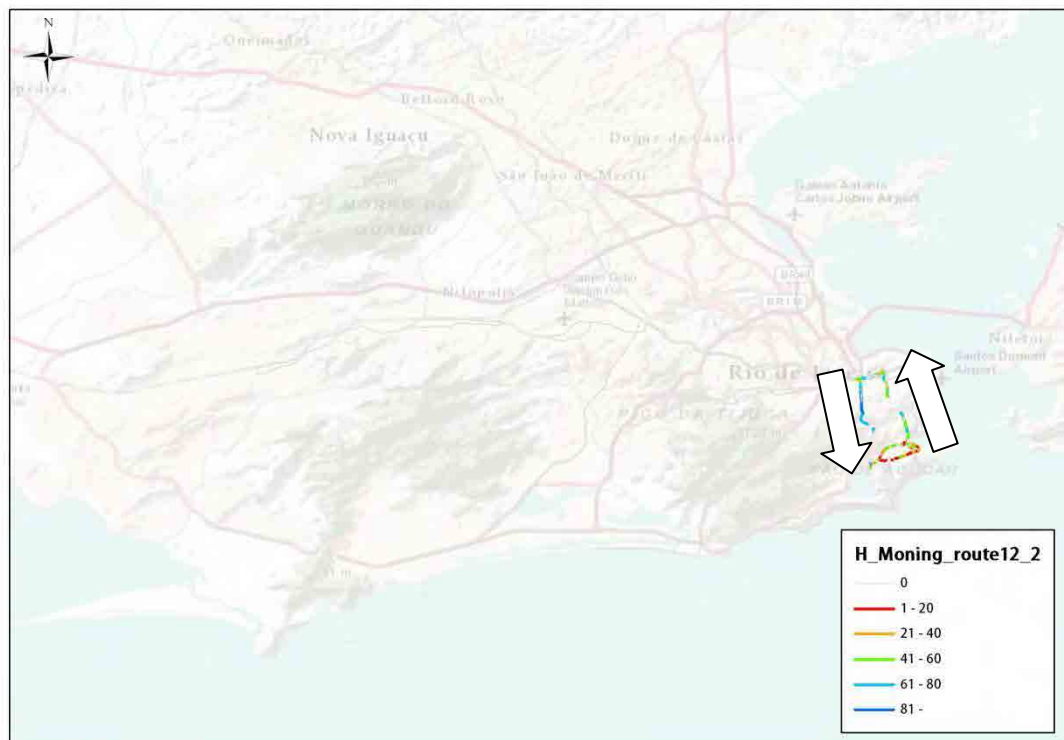


Route	Direction	Start	Goal	Main Road	Distance(km)
12	12-1	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Vevd. Eng. Freyssinet, Vevd. Eng. Noronha	15
	12-2	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto		18

Direction 1

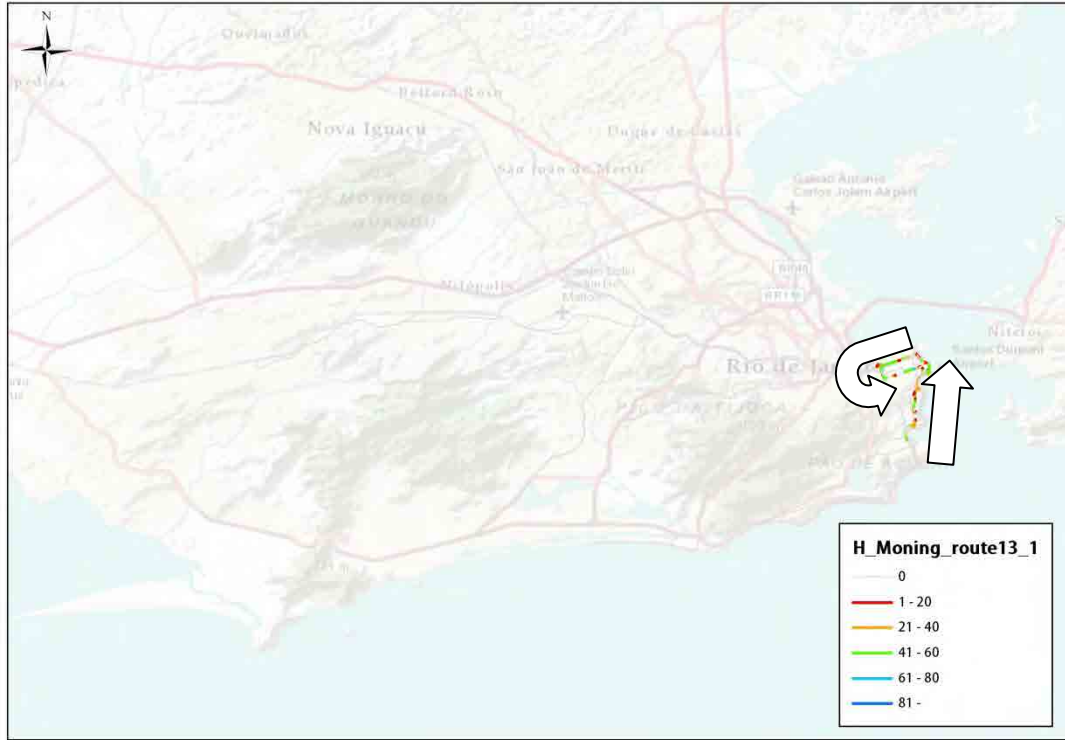


Direction 2

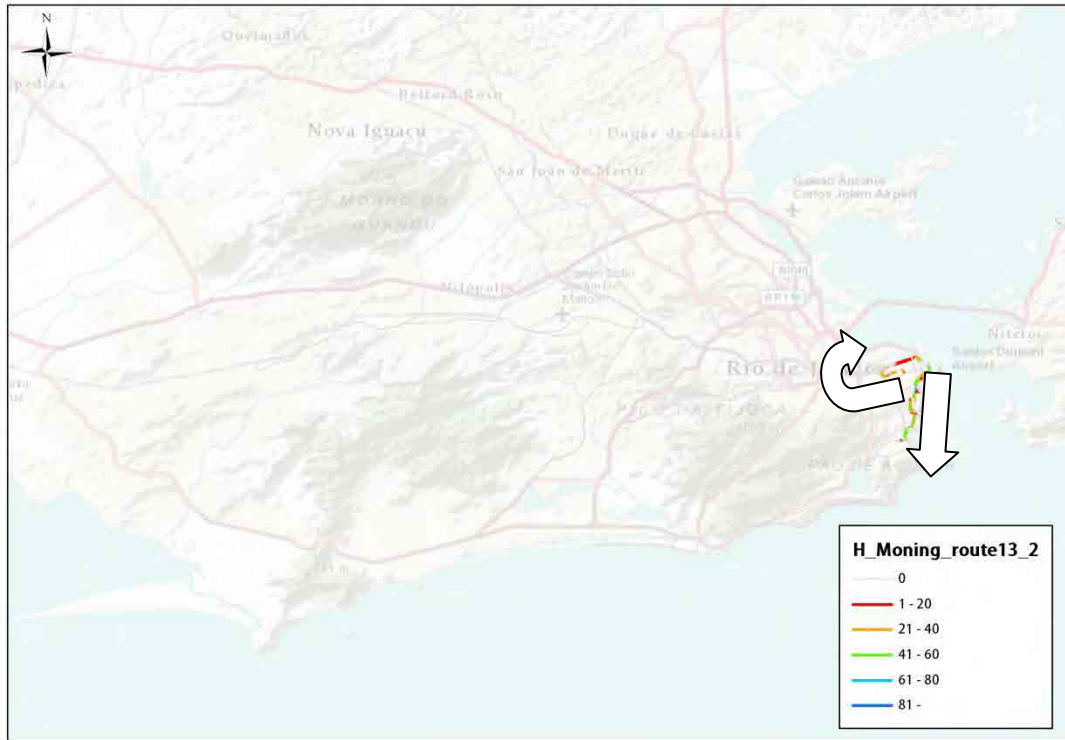


Route	Direction	Start	Goal	Main Road	Distance(km)
13	13-1	Around Largo Alm Indio do Brasil	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Av. Pres. Vargas, R. Primeiro Marco, Av. Republica do Chile, R. do Catete	14
	13-2	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Around Largo Alm Indio do Brasil	Chille, R. do Catete	13

Direction 1

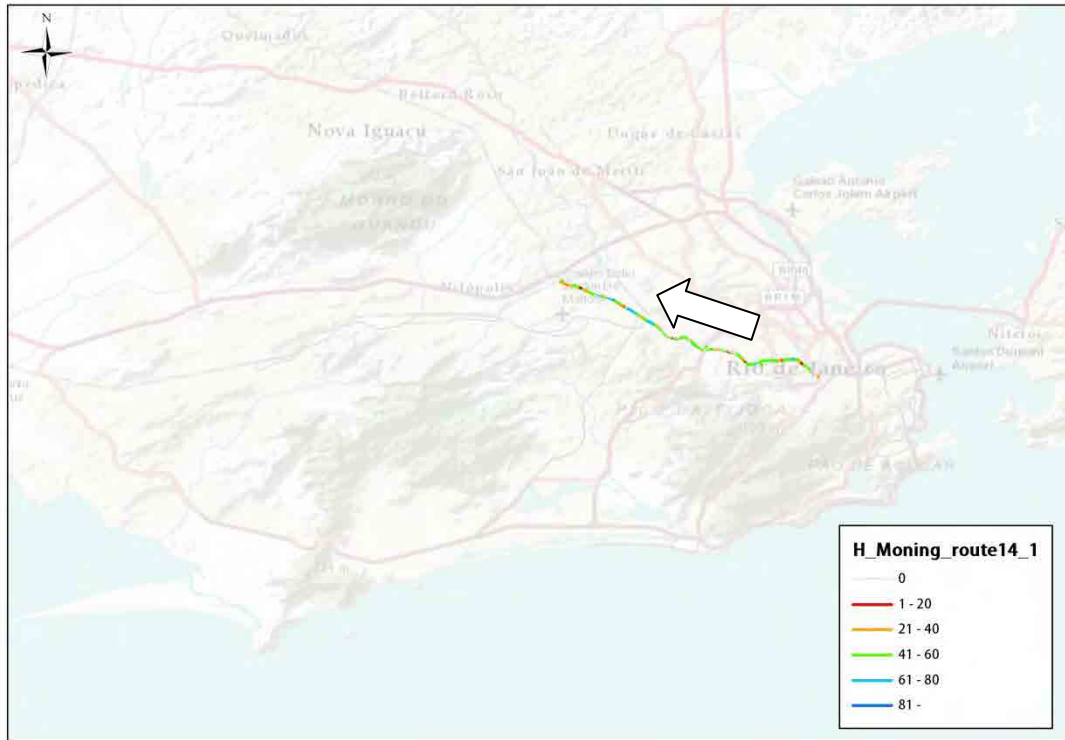


Direction 2

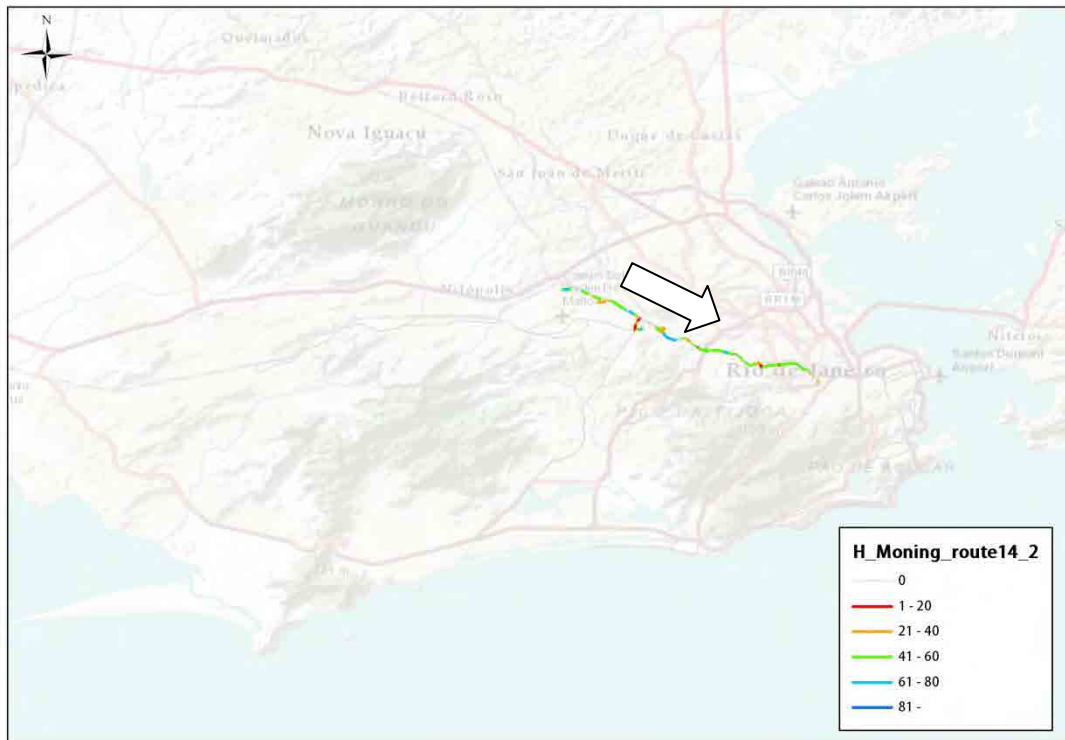


Route	Direction	Start	Goal	Main Road	Distance(km)
14	14-1	Around Maracana Stadium	Deodoro Station	R. Joao Vicente, Av. Amaro Cavalcanti	19
	14-2	Deodoro Station	Around Maracana Stadium		21

Direction 1



Direction 2

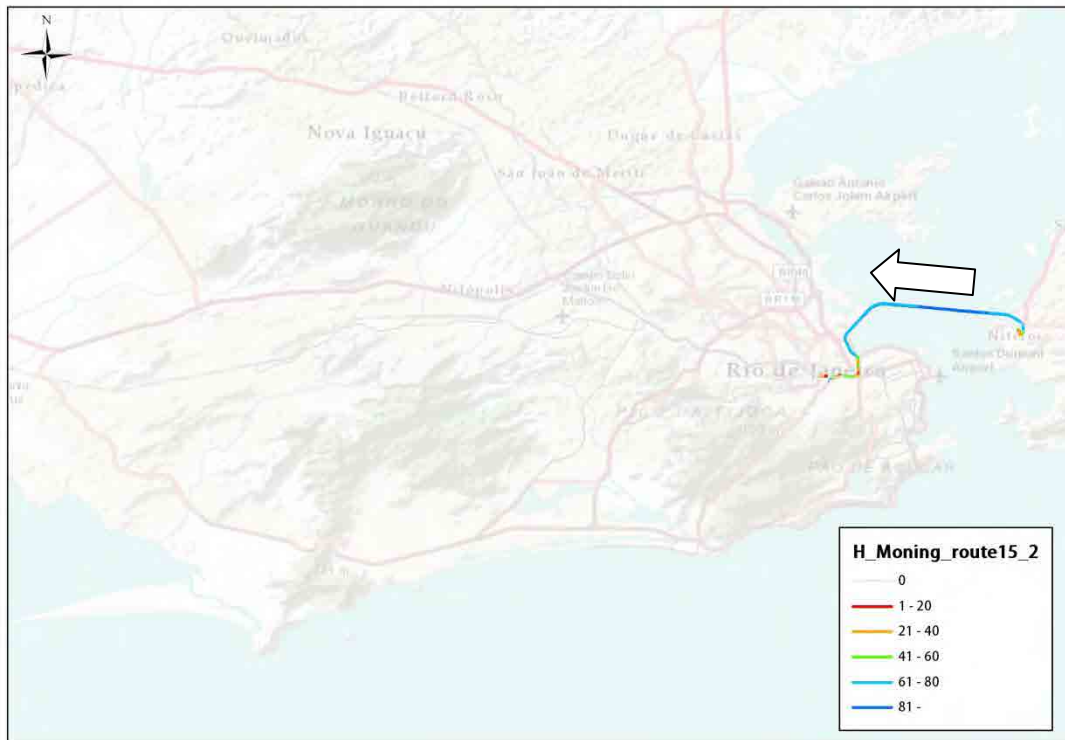


Route	Direction	Start	Goal	Main Road	Distance(km)
15	15-1	Around Maracana Stadium	Praca Dez de Novembro	Av. Pst. Martin Luther King Junior	17
	15-2	Praca Dez de Novembro	Around Maracana Stadium		18

Direction 1



Direction 2



[Off Peak]

Route	Direction	Start	Goal	Main Road	Distance(km)
1	1-1	Cidade da Musica	Palácio das Exposições	Linha Amarela, Rio-Niteroi	30
	1-2	Palácio das Exposições	Cidade da Musica		31

Direction 1

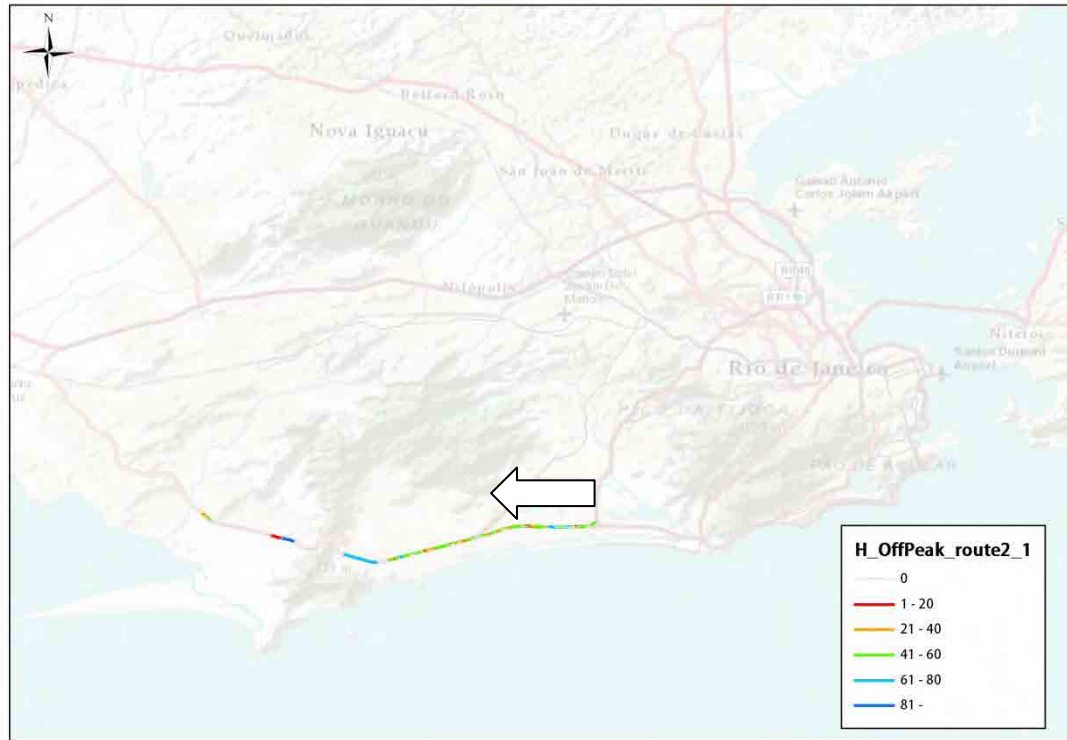


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
2	2-1	Cidade da Musica	Av. das Americas / Estr. Da Matriz	Av. das Americas	27
	2-2	Av. das Americas / Estr. Da Matriz	Cidade da Musica		28

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
3	3-1	Av. da Brasil / Rod. Rio-santos	Av. da Brasil / Rod. Pres. Dutra	Av. Brasil	40
	3-2	Av. da Brasil / Rod. Pres. Dutra	Av. da Brasil / Rod. Rio-santos		39

Direction 1

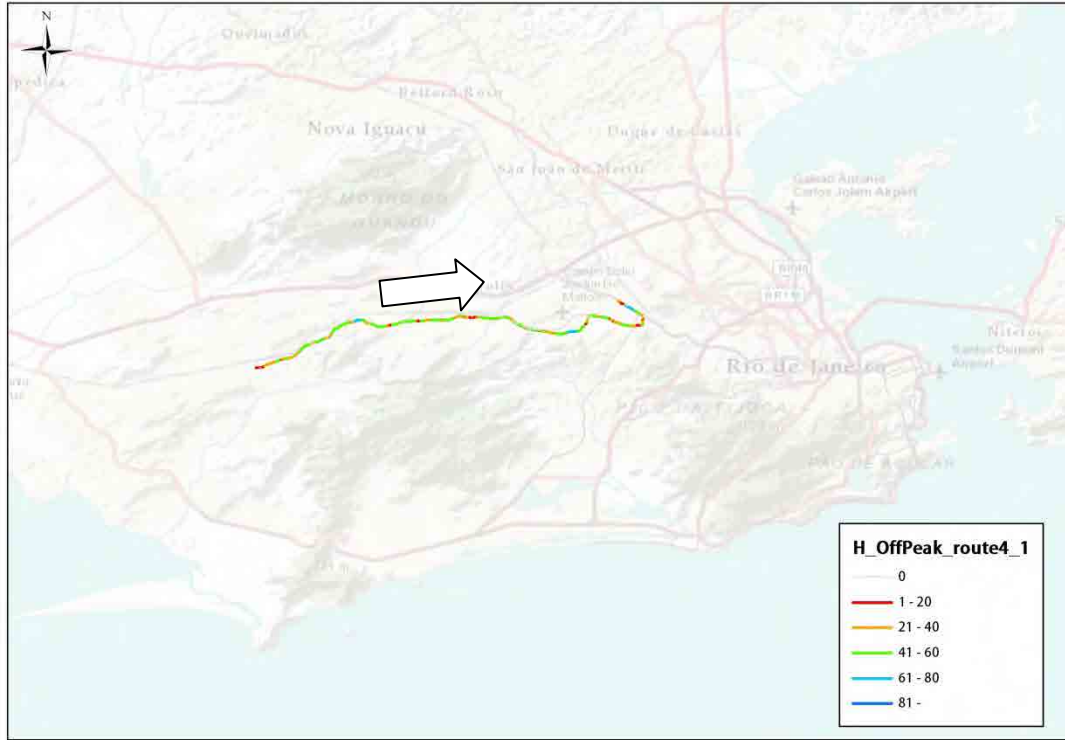


Direction 2

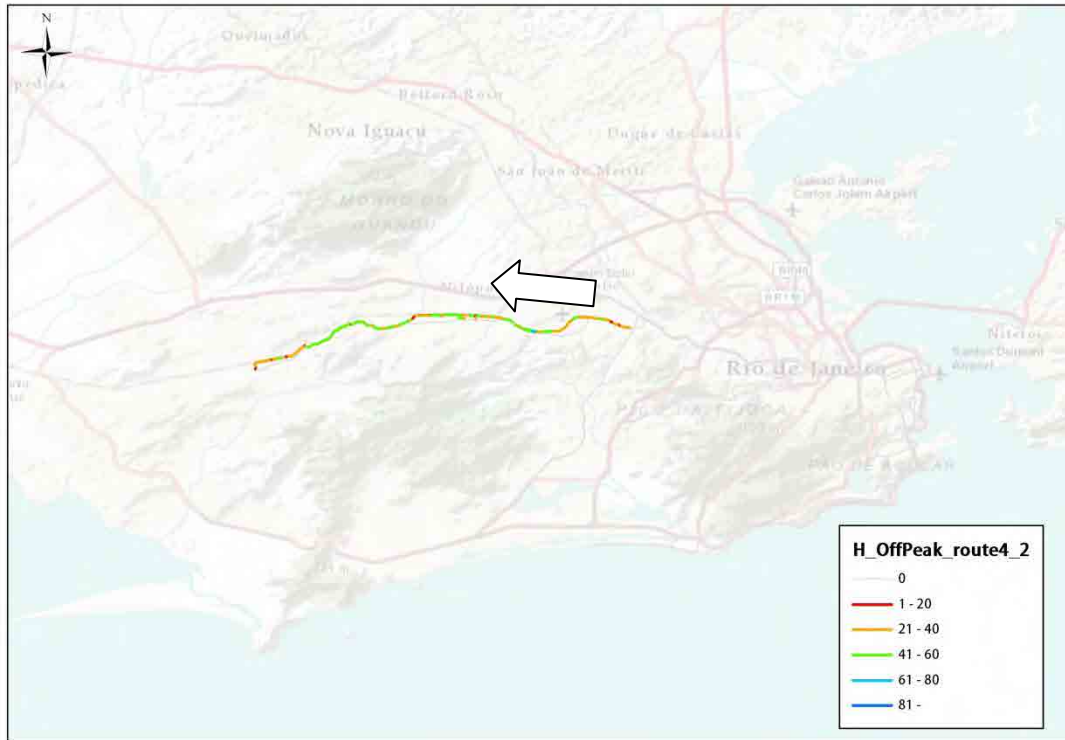


Route	Direction	Start	Goal	Main Road	Distance(km)
4	4-1	Av. Cesario de Melo / Av. Maria Teresa	Estr. Int. Magalhães / R. Dominges Lopes	Av. de Santa Cruz	25
	4-2	Estr. Int. Magalhães / R. Dominges Lopes	Av. Cesario de Melo / Av. Maria Teresa		25

Direction 1

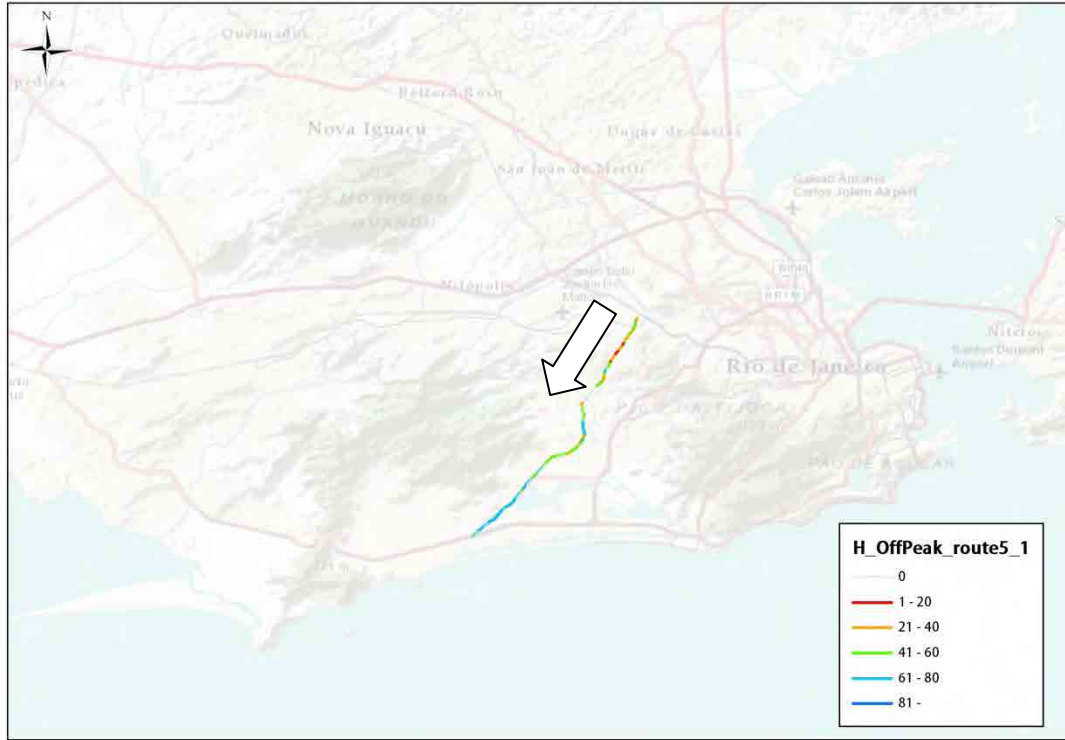


Direction 2

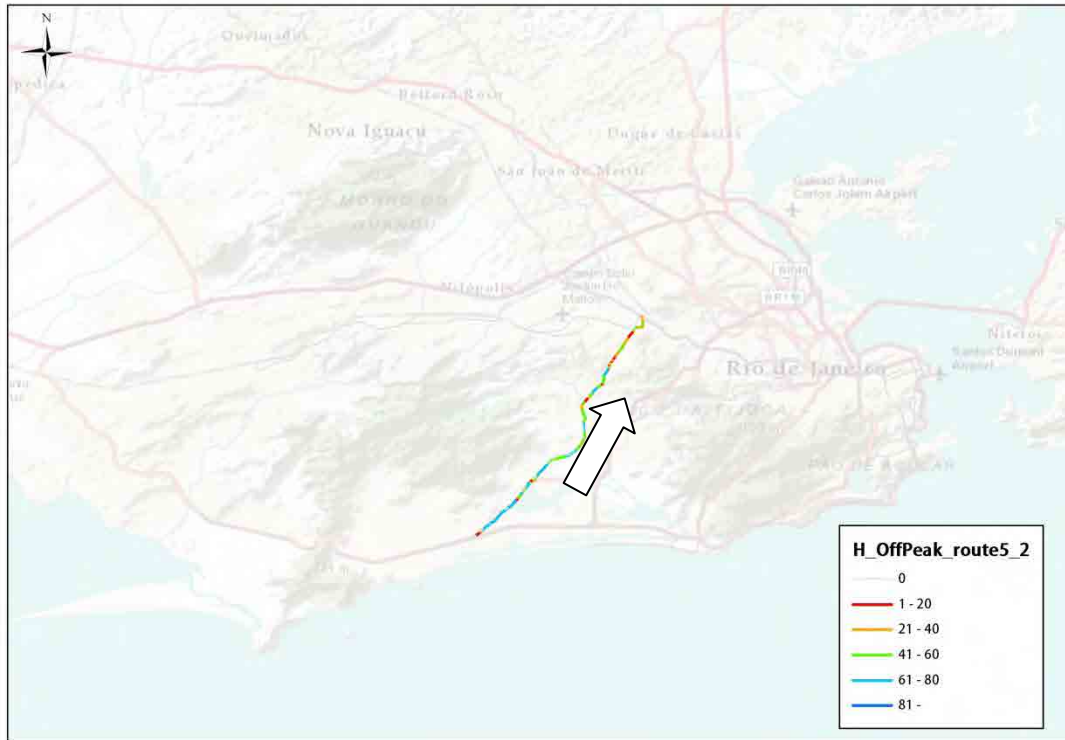


Route	Direction	Start	Goal	Main Road	Distance(km)
5	5-1	R. Dominges Lopes / R. Joao Vicente	Av. Salvaror Allende / Av. das Americas	Av. Salvador Allende, Av. Nelson Cardoso	19
	5-2	Av. Salvaror Allende / Av. das Americas	R. Dominges Lopes / R. Joao Vicente		20

Direction 1

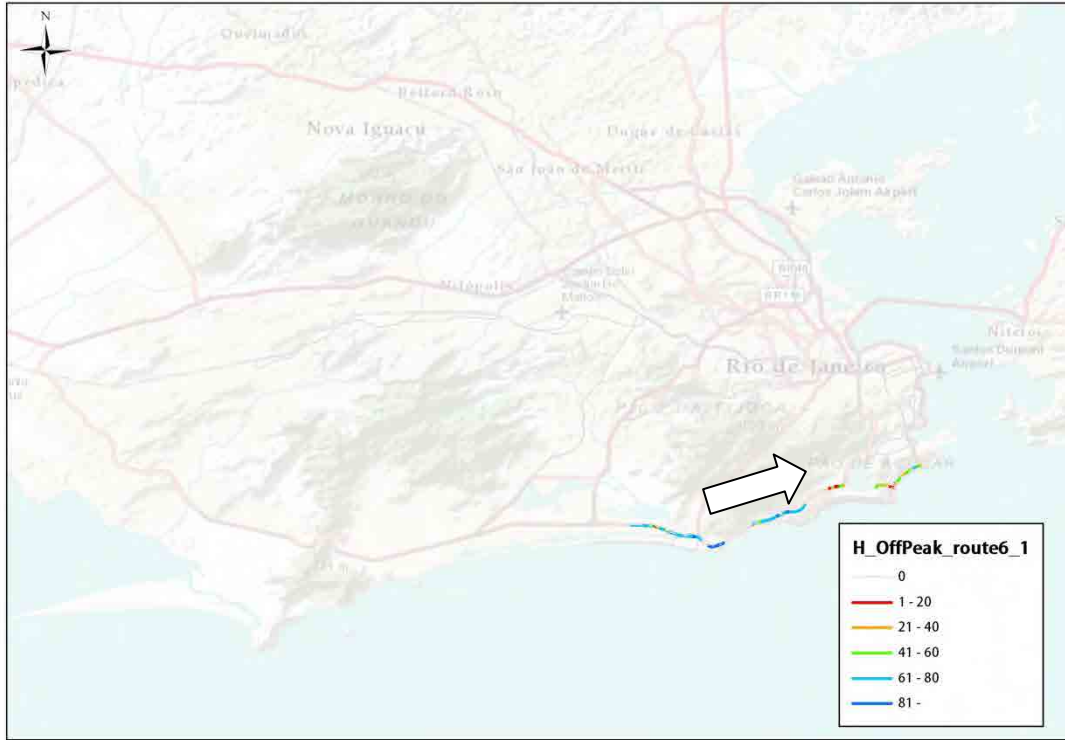


Direction 2

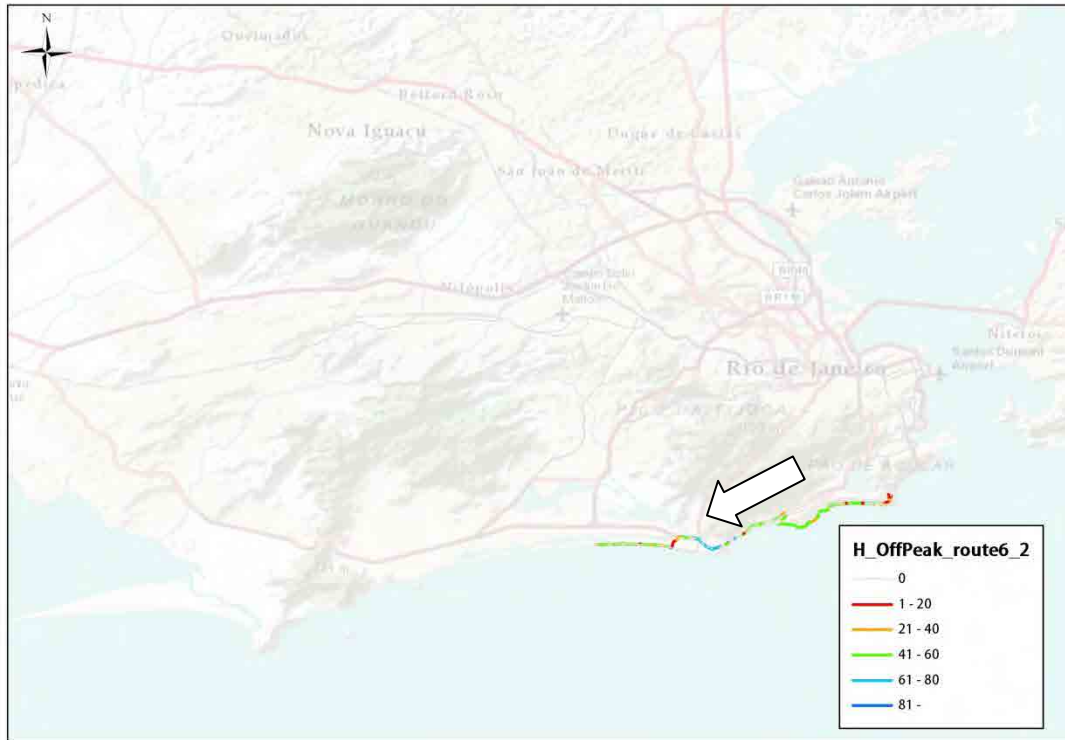


Route	Direction	Start	Goal	Main Road	Distance(km)
6	6-1	Barra Square Shoppin Center	Av. Atlantica / Av. Prca. Isabel	Av. das Americas, Estr. Lagoa Barra	21
	6-2	Av. Atlantica / Av. Prca. Isabel	Barra Square Shoppin Center		22

Direction 1

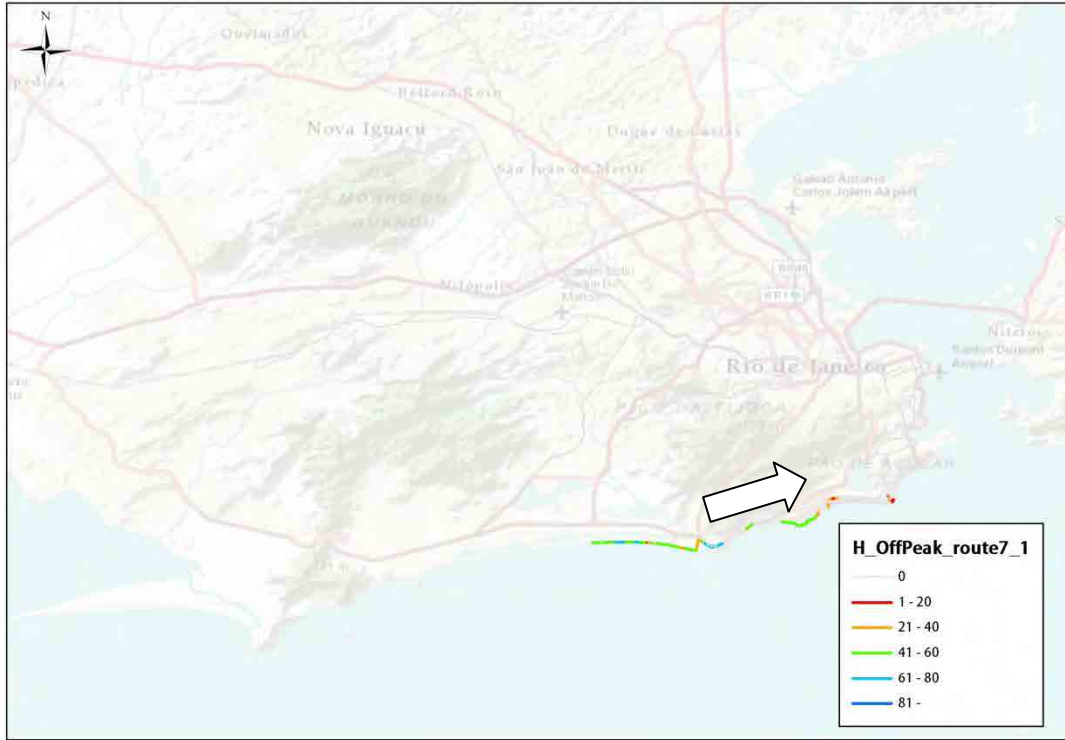


Direction 2

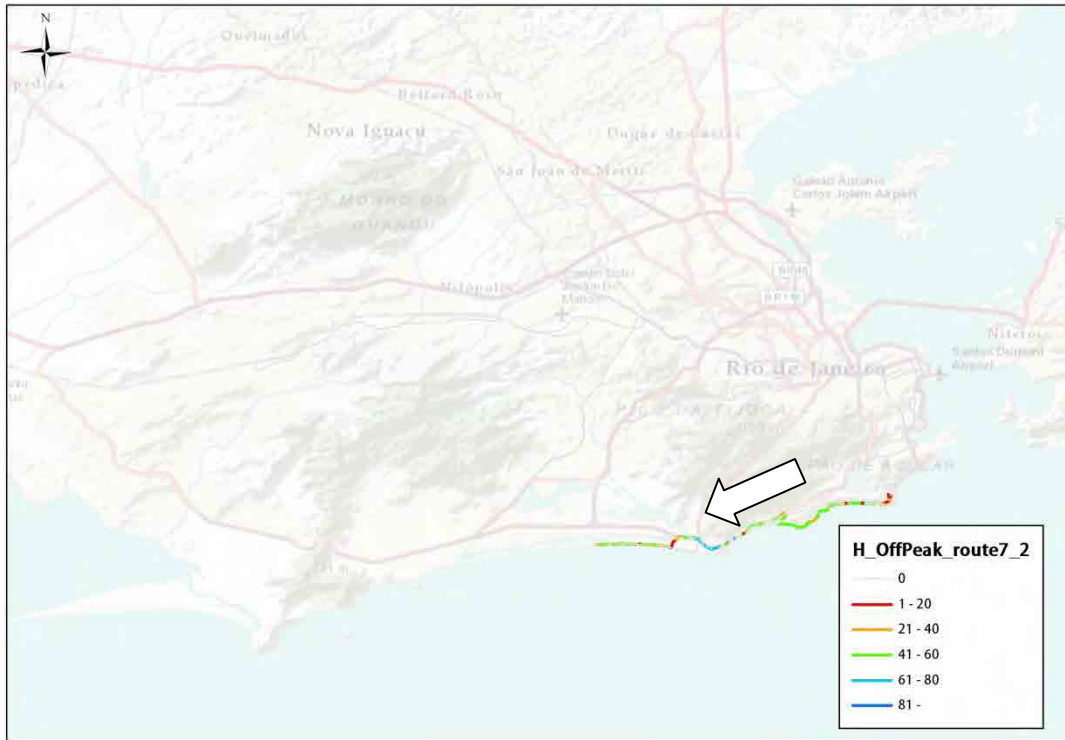


Route	Direction	Start	Goal	Main Road	Distance(km)
7	7-1	Av. Lucio Costa / Av.Ayrton Senna	R. Francisco Otaviano / Av. Atlantica	Av. Ayrton Senna, Av. Sernambetiba	21
	7-2	R. Joaquim Nabuco / Av. Atlantica	Av. Lucio Costa / Av.Ayrton Senna		22

Direction 1

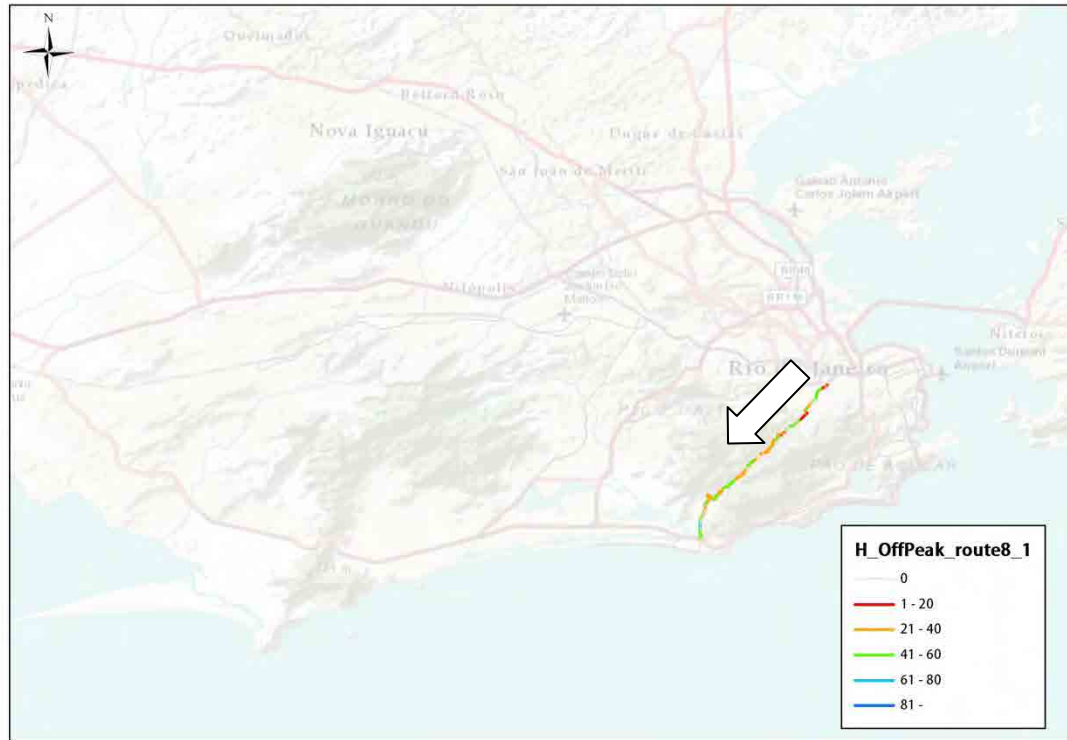


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
8	8-1	Around Maracana Stadium	Pte. Nova / Av. Amando Lombardi	Estr. Velha Tijuca	17
	8-2	Pte. Velha / Av. Amando Lombardi	Around Maracana Stadium		17

Direction 1



Direction 2

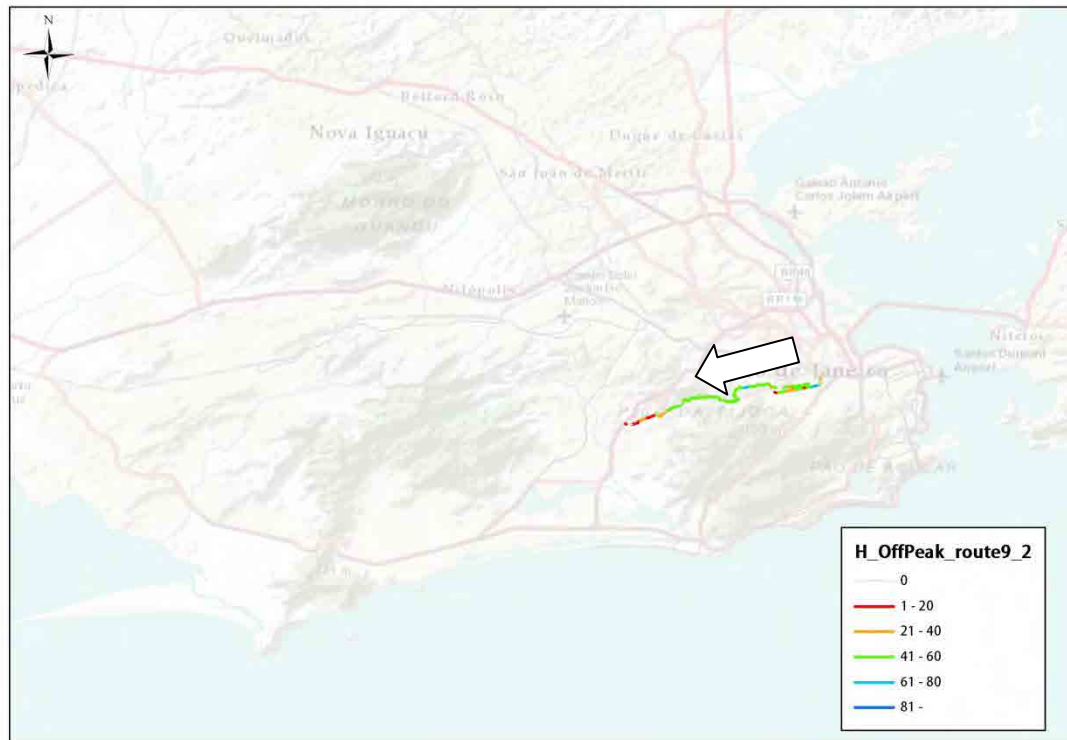


Route	Direction	Start	Goal	Main Road	Distance(km)
9	9-1	Av. Geremário Dantas / Ln. Amarela	Around Maracana Stadium	Av. Menezes Cortes	15
	9-2	Around Maracana Stadium	Av. Geremário Dantas / Ln. Amarela		15

Direction 1

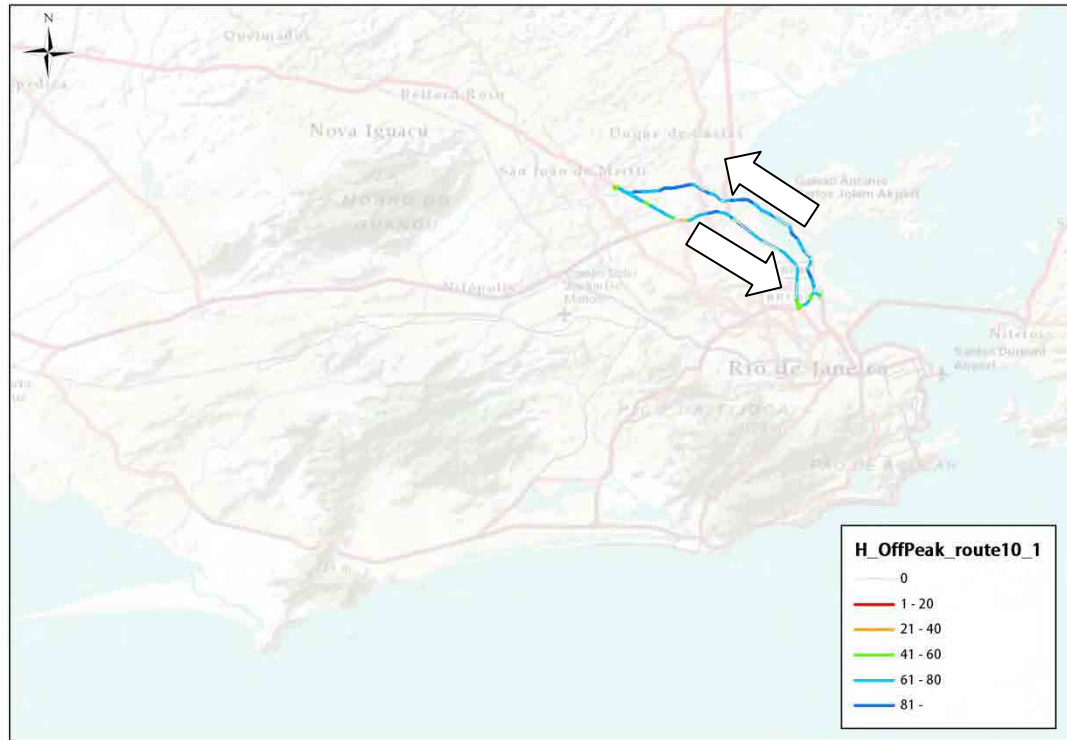


Direction 2

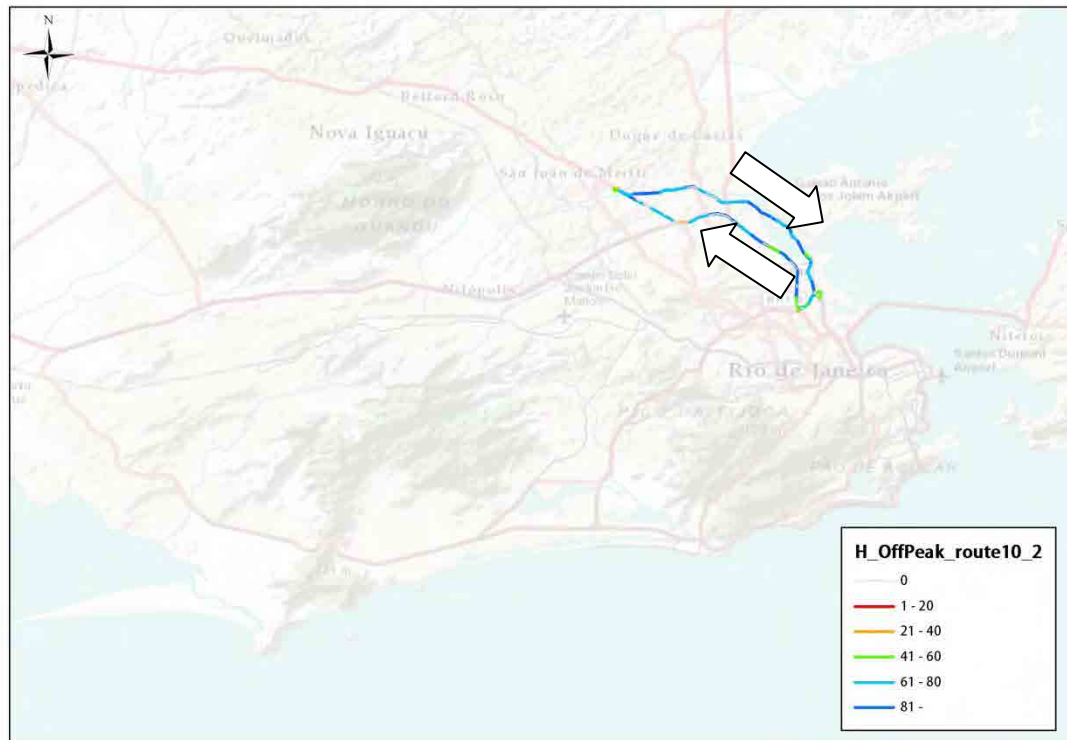


Route	Direction	Start	Goal	Main Road	Distance(km)
10	10-1	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra	Av. Brasil, Linha Vermelha	35
	10-2	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra		31

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
11	11-1	Av. Ataulfo de Paiva / R. Visc. de Albuquerque	Vevd. da Perimetral /Av. Brasil	Av. Ns. de Copacabana, Av. Gen. Justo	21
	11-2	Vevd. da Perimetral /Av. Brasil	Av. Gen. San Martin / R. Visc. de Albuquerque		20

Direction 1



Direction 2

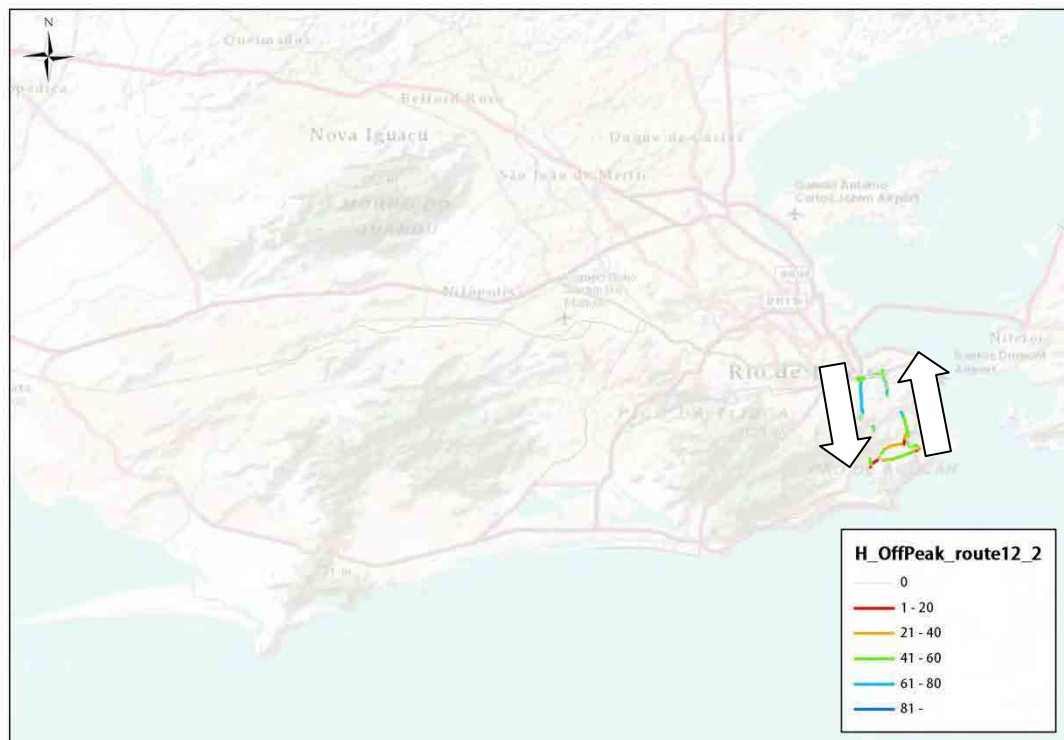


Route	Direction	Start	Goal	Main Road	Distance(km)
12	12-1	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Vevd. Eng. Freyssinet, Vevd. Eng. Noronha	15
	12-2	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto		18

Direction 1



Direction 2

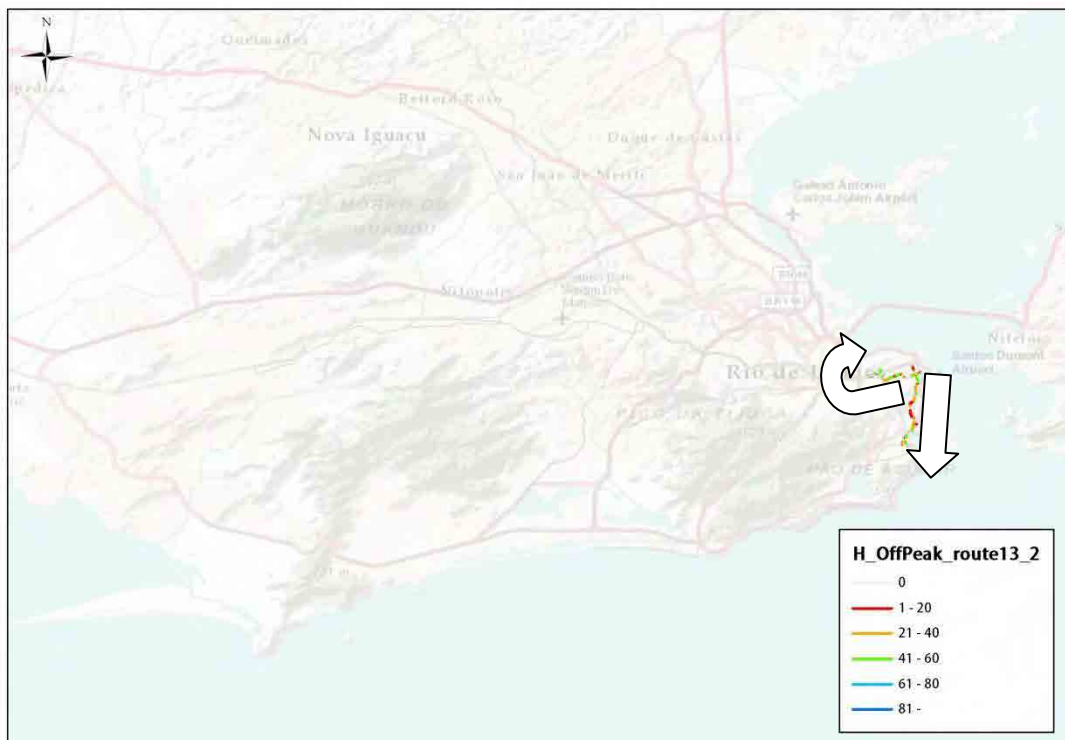


Route	Direction	Start	Goal	Main Road	Distance(km)
13	13-1	Around Largo Alm Indio do Brasil	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Av. Pres. Vargas, R. Primeiro Marco, Av. Republica do Chile, R. do Catete	14
	13-2	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Around Largo Alm Indio do Brasil	R. do Catete	13

Direction 1

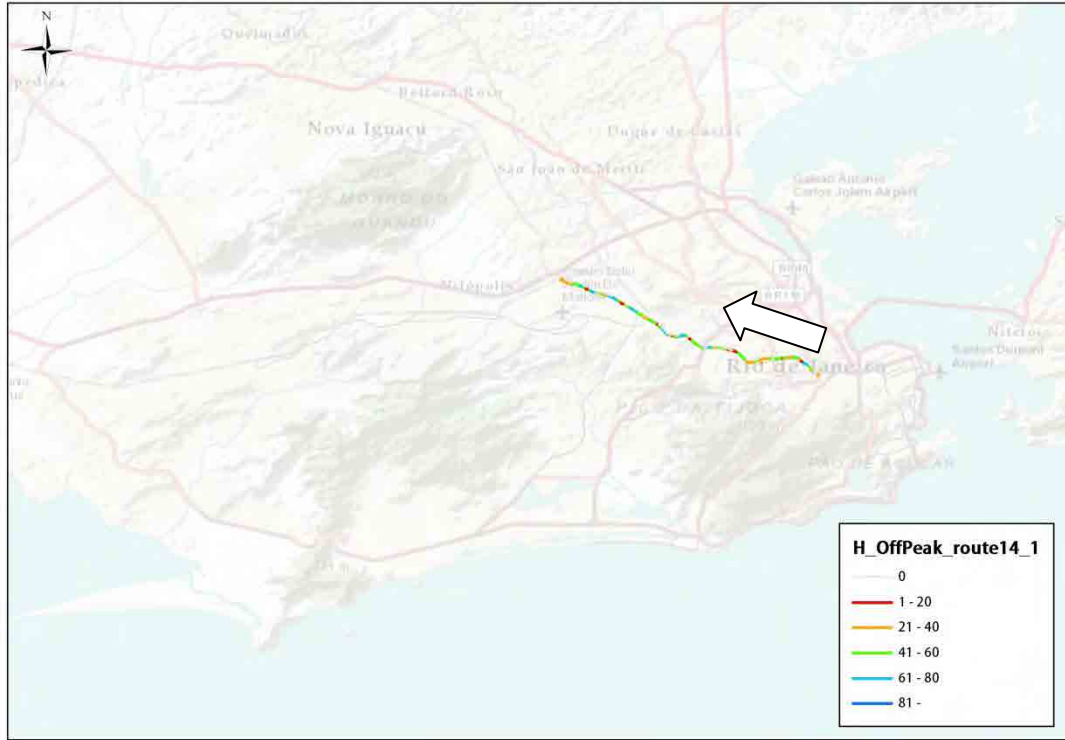


Direction 2

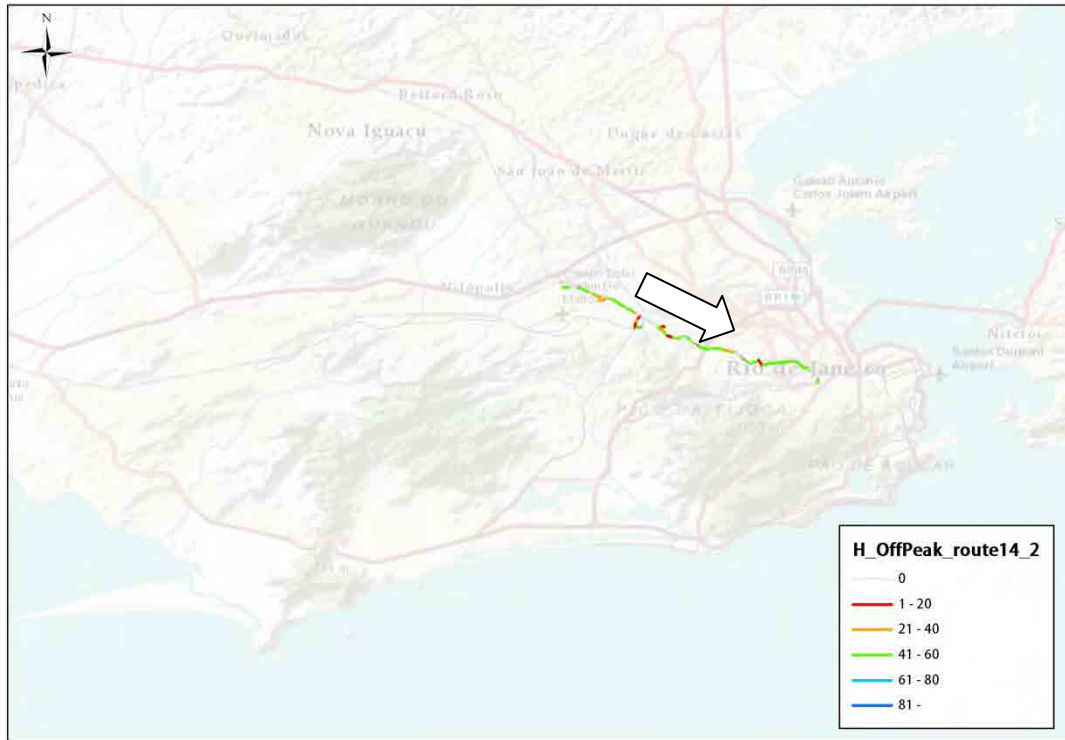


Route	Direction	Start	Goal	Main Road	Distance(km)
14	14-1	Around Maracana Stadium	Deodoro Station	R. Joao Vicente, Av. Amaro Cavalcanti	19
	14-2	Deodoro Station	Around Maracana Stadium		21

Direction 1

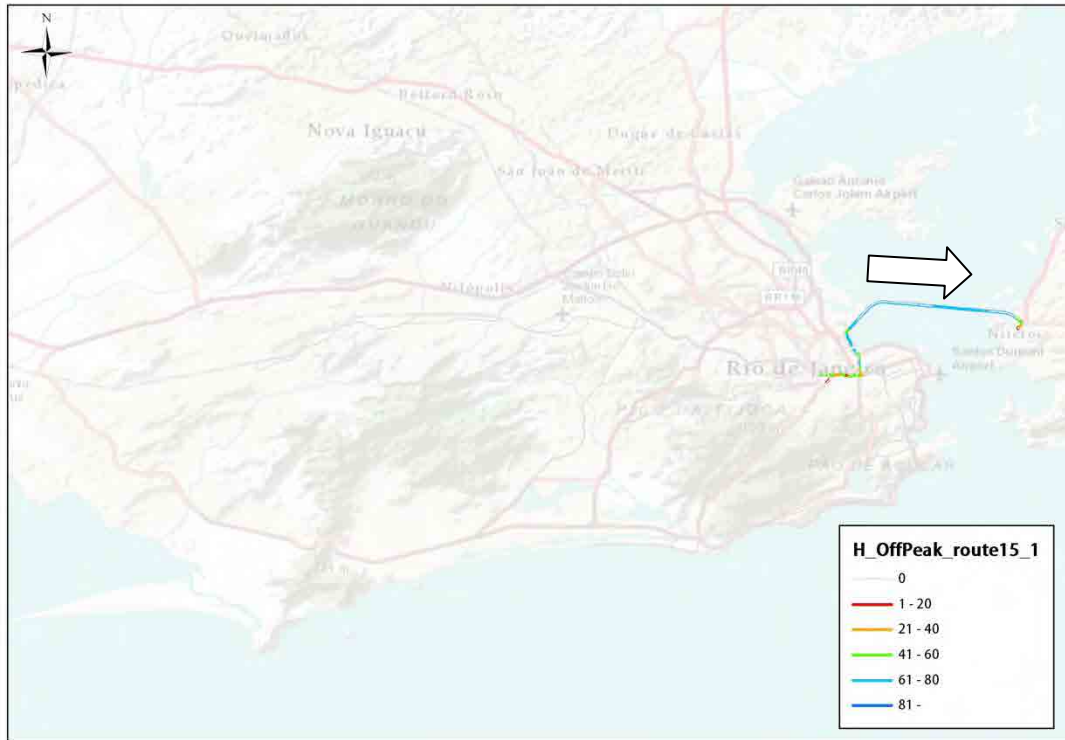


Direction 2

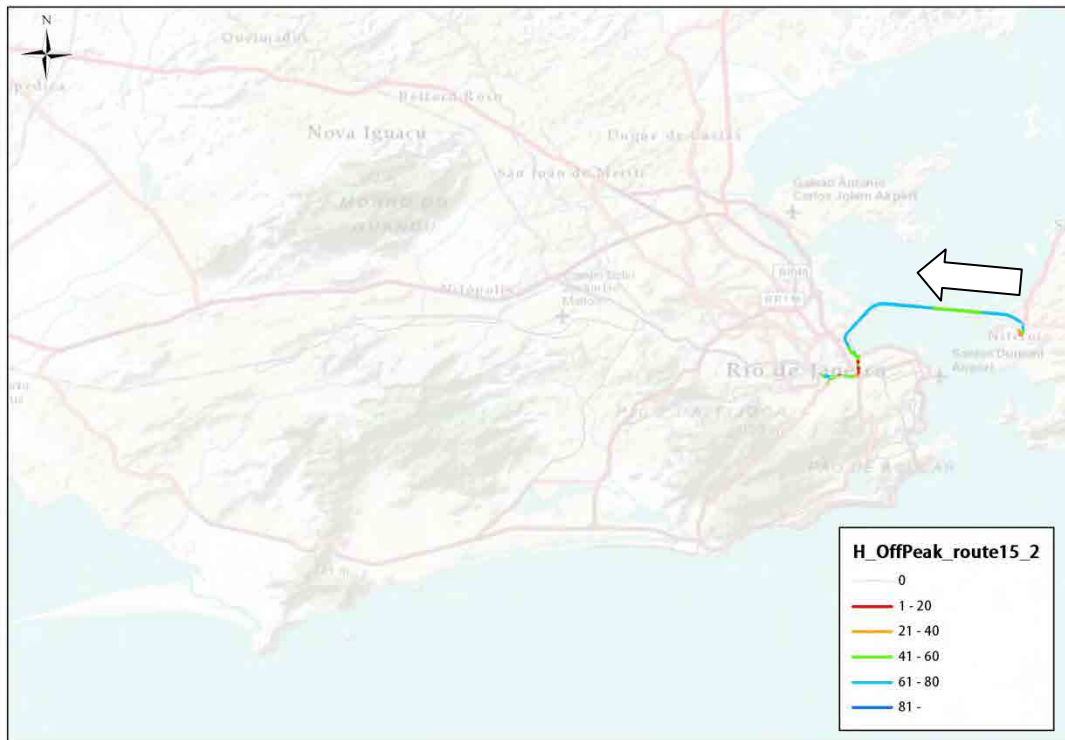


Route	Direction	Start	Goal	Main Road	Distance(km)
15	15-1	Around Maracana Stadium	Praca Dez de Novembro	Av. Pst. Martin Luther King Junior	17
	15-2	Praca Dez de Novembro	Around Maracana Stadium		18

Direction 1



Direction 2



[Evening Peak]

Route	Direction	Start	Goal	Main Road	Distance(km)
1	1-1	Cidade da Musica	Palácio das Exposições	Linha Amarela, Rio-Niteroi	30
	1-2	Palácio das Exposições	Cidade da Musica		31

Direction 1

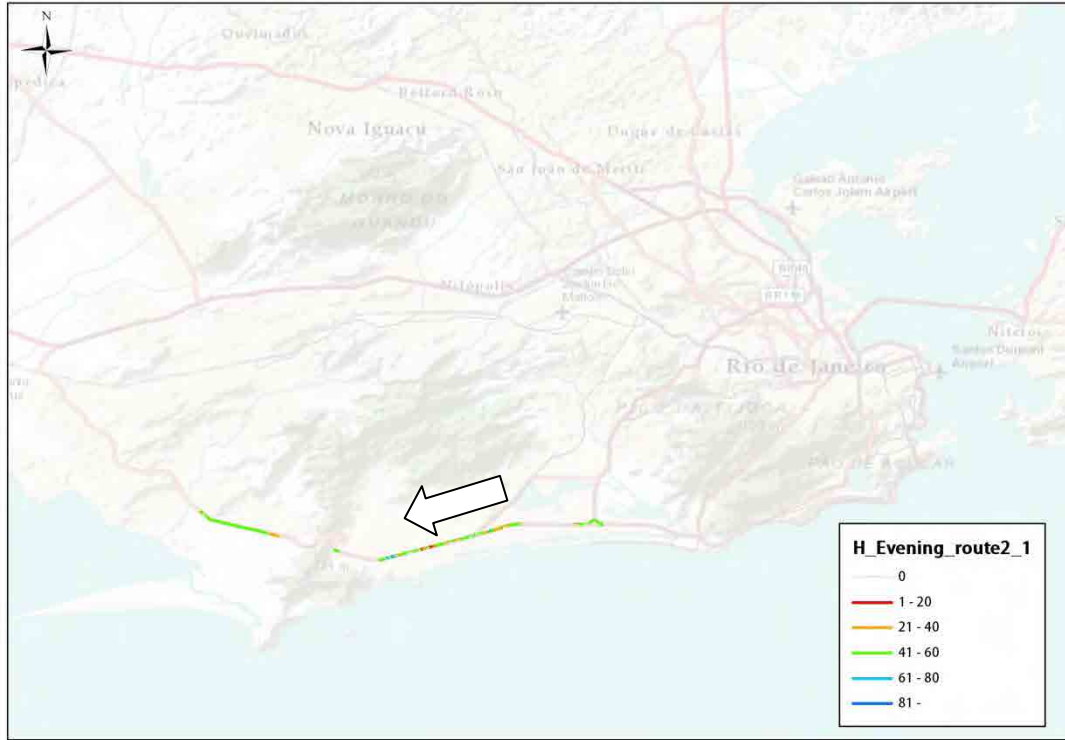


Direction 2

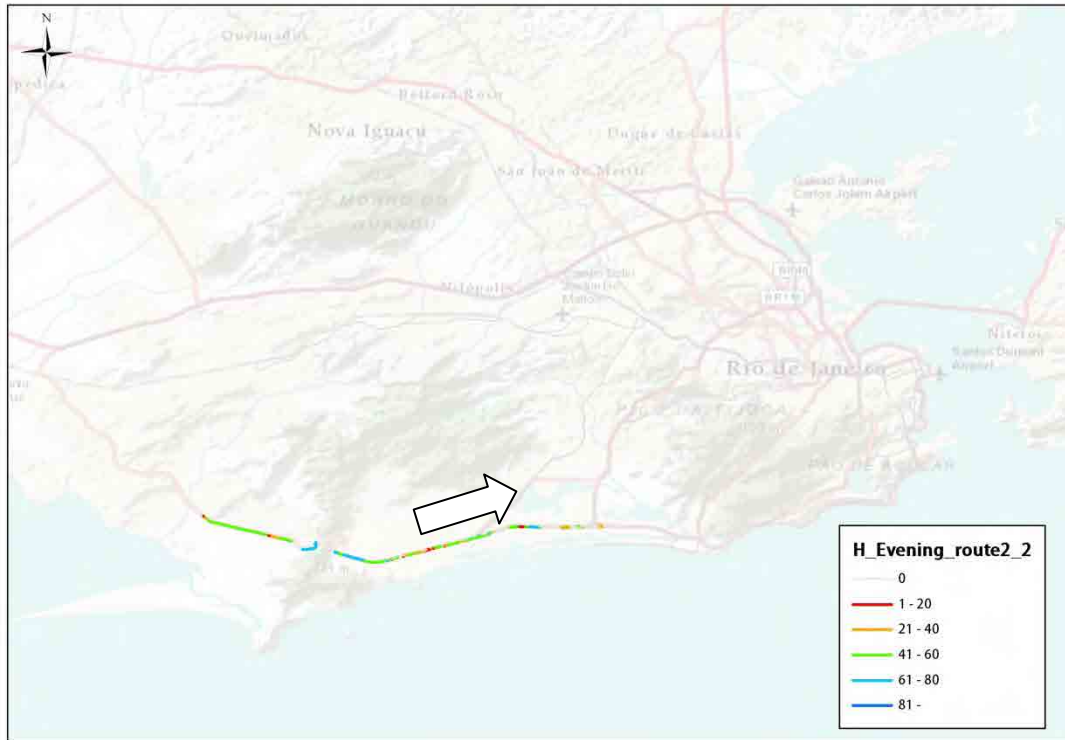


Route	Direction	Start	Goal	Main Road	Distance(km)
2	2-1	Cidade da Musica	Av. das Americas / Estr. Da Matriz	Av. das Americas	27
	2-2	Av. das Americas / Estr. Da Matriz	Cidade da Musica		28

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
3	3-1	Av. da Brasil / Rod. Rio-santos	Av. da Brasil / Rod. Pres. Dutra	Av. Brasil	40
	3-2	Av. da Brasil / Rod. Pres. Dutra	Av. da Brasil / Rod. Rio-santos		39

Direction 1

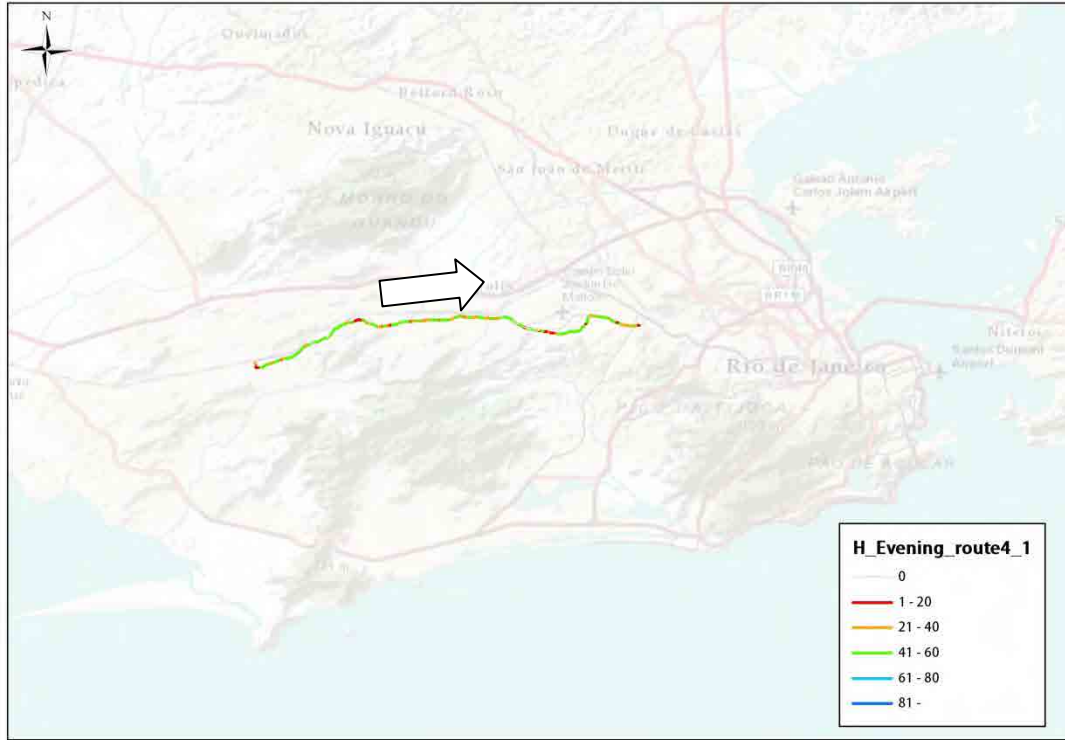


Direction 2

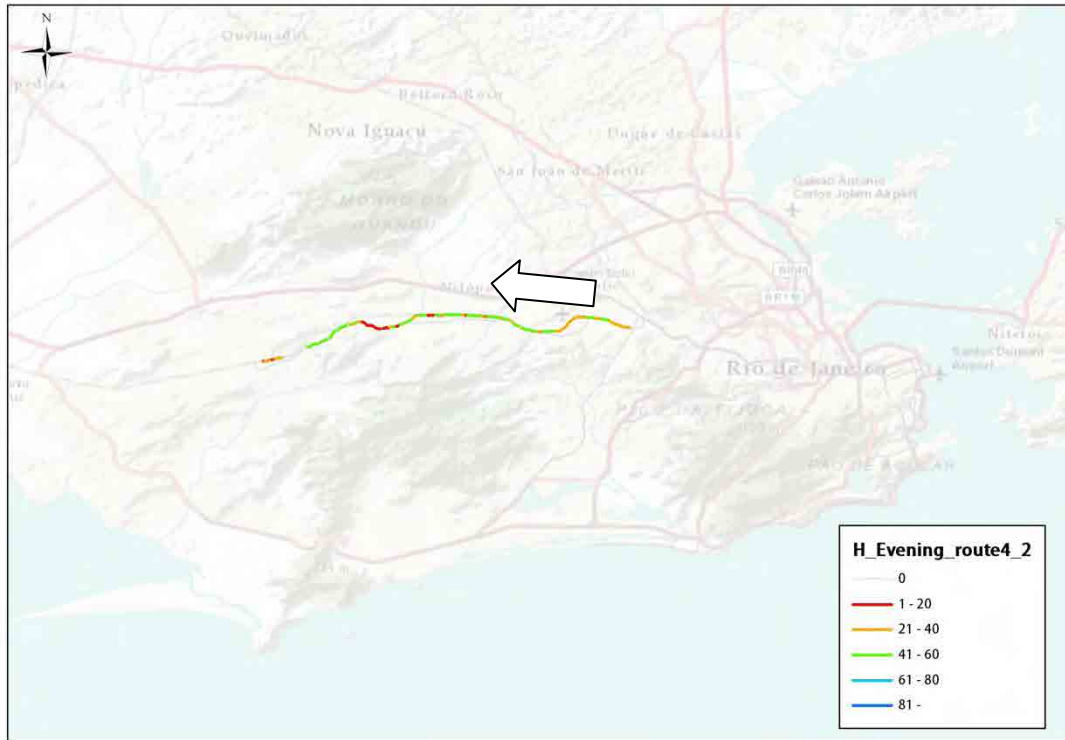


Route	Direction	Start	Goal	Main Road	Distance(km)
4	4-1	Av. Cesario de Melo / Av. Maria Teresa	Estr. Int. Magalhães / R. Dominges Lopes	Av. de Santa Cruz	25
	4-2	Estr. Int. Magalhães / R. Dominges Lopes	Av. Cesario de Melo / Av. Maria Teresa		25

Direction 1

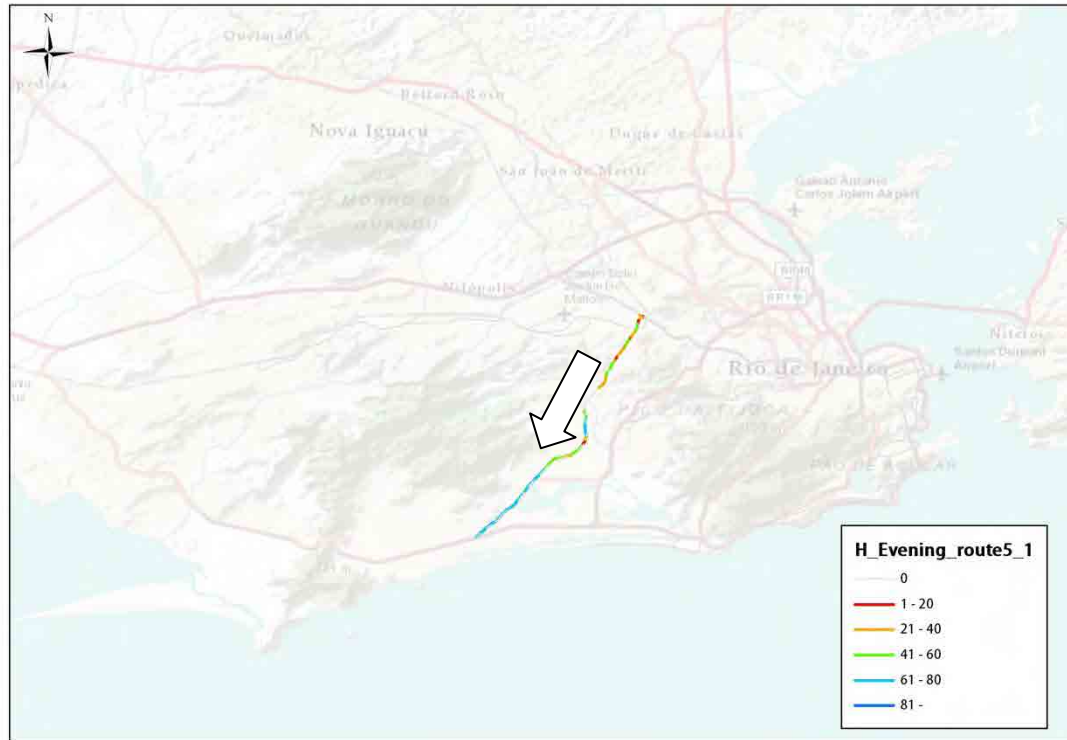


Direction 2

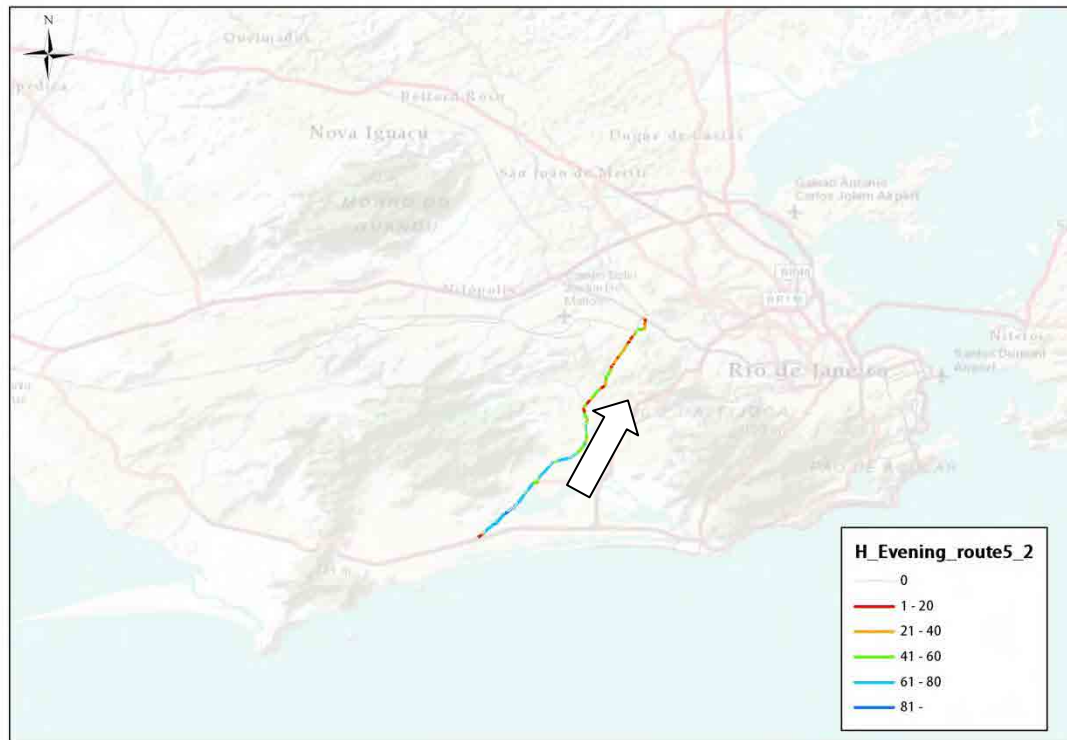


Route	Direction	Start	Goal	Main Road	Distance(km)
5	5-1	R. Dominges Lopes / R. Joao Vicente	Av. Salvaror Allende / Av. das Americas	Av. Salvador Allende, Av. Nelson Cardoso	19
	5-2	Av. Salvaror Allende / Av. das Americas	R. Dominges Lopes / R. Joao Vicente		20

Direction 1

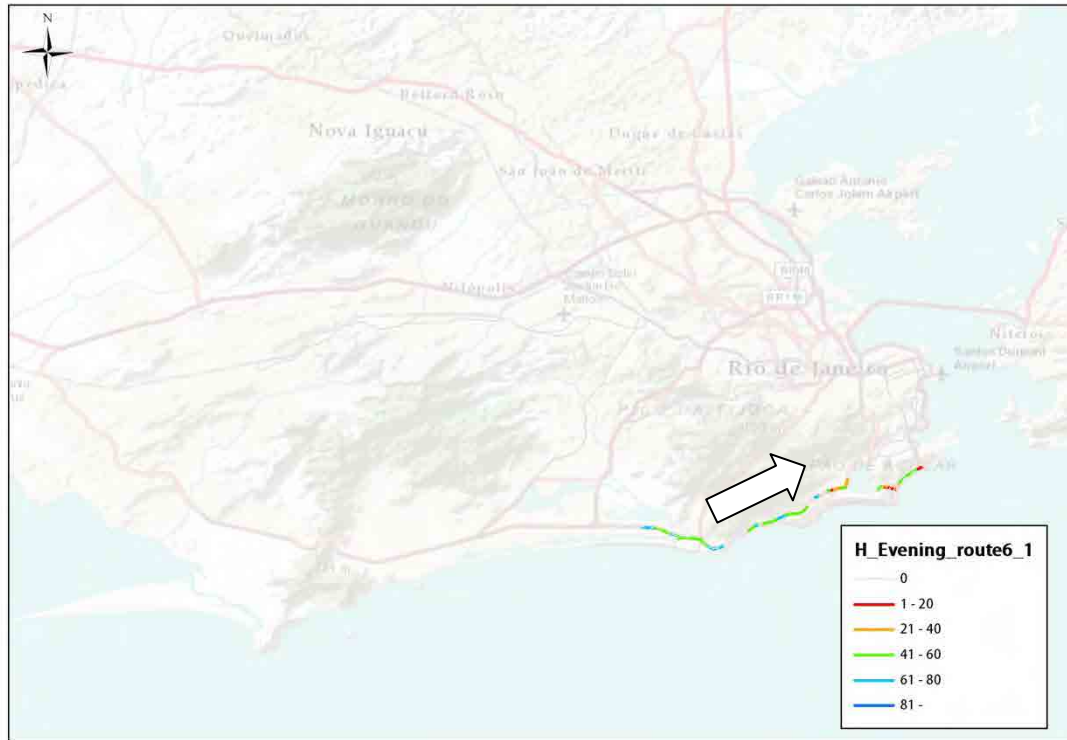


Direction 2

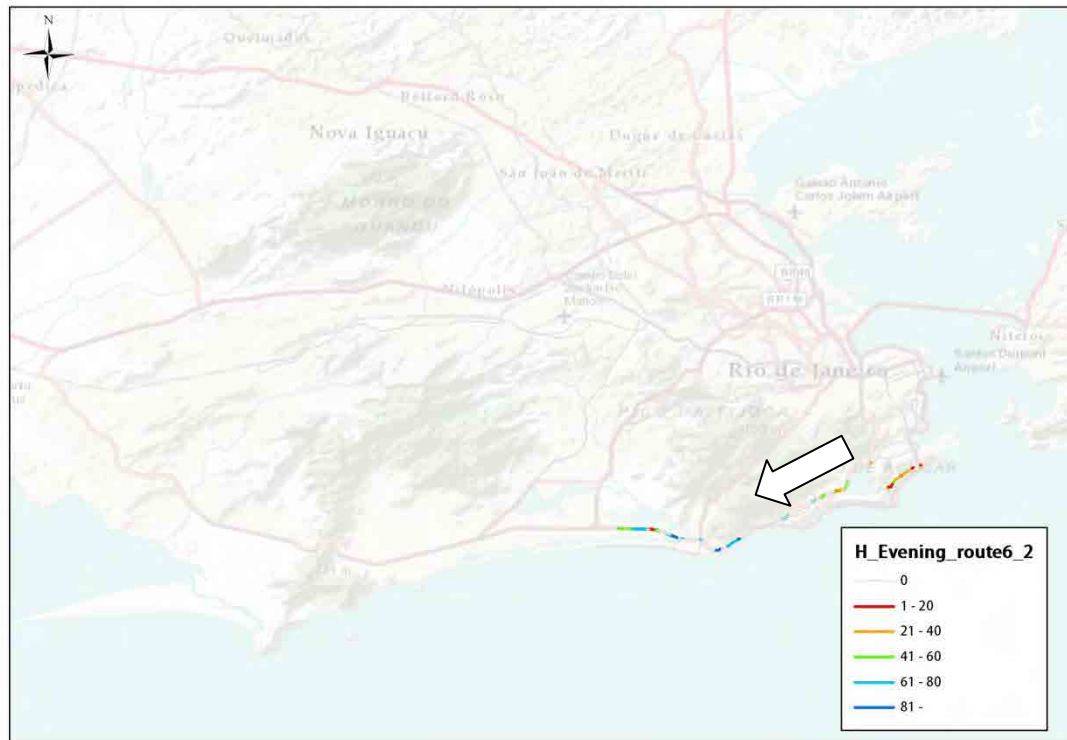


Route	Direction	Start	Goal	Main Road	Distance(km)
6	6-1	Barra Square Shoppin Center	Av. Atlantica / Av. Prca. Isabel	Av. das Americas, Estr. Lagoa Barra	21
	6-2	Av. Atlantica / Av. Prca. Isabel	Barra Square Shoppin Center		22

Direction 1

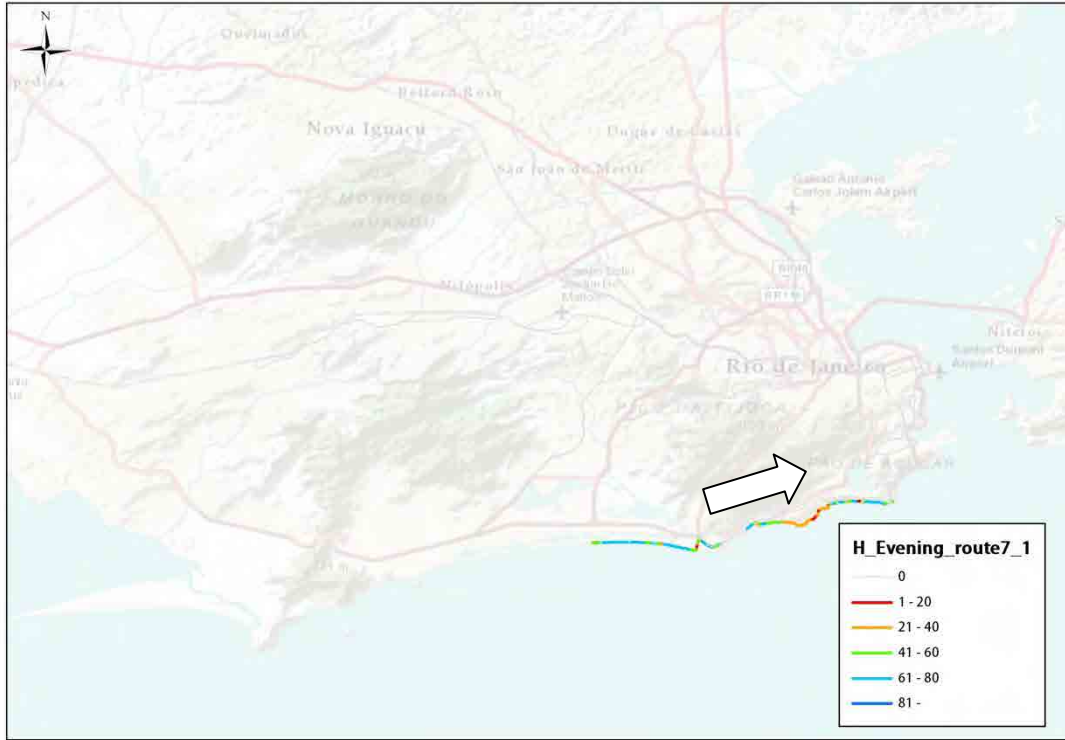


Direction 2

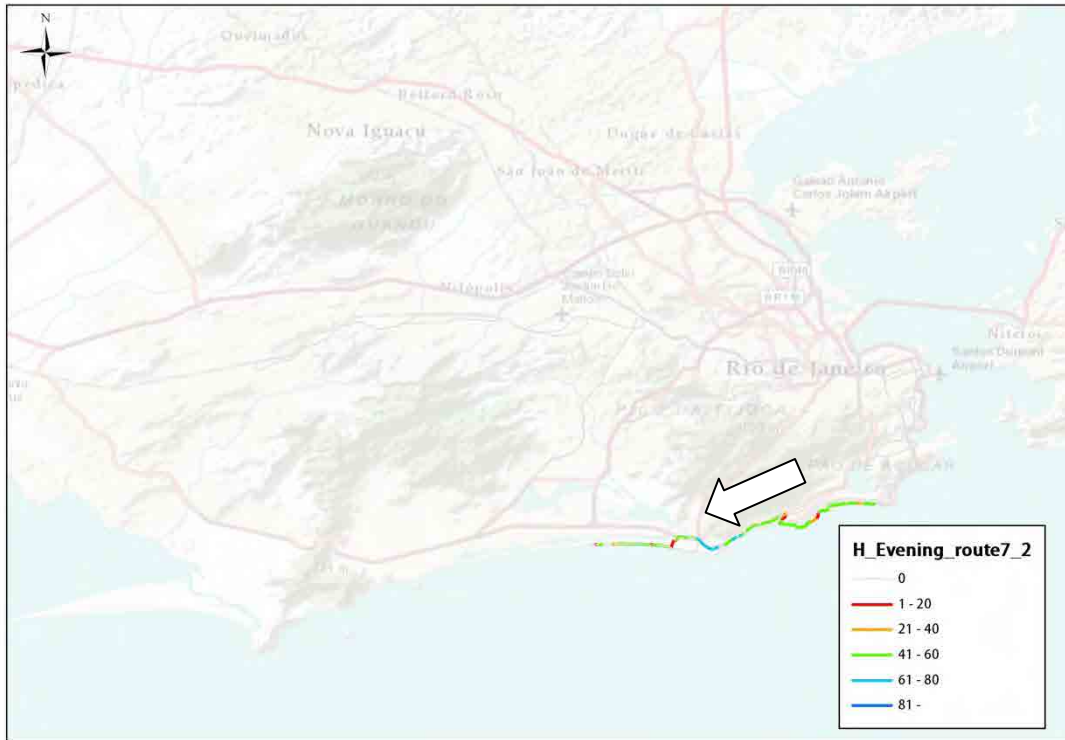


Route	Direction	Start	Goal	Main Road	Distance(km)
7	7-1	Av. Lucio Costa / Av.Ayrton Senna	R. Francisco Otaviano / Av. Atlantica	Av. Ayrton Senna, Av. Sernambetiba	21
	7-2	R. Joaquim Nabuco / Av. Atlantica	Av. Lucio Costa / Av.Ayrton Senna		22

Direction 1



Direction 2

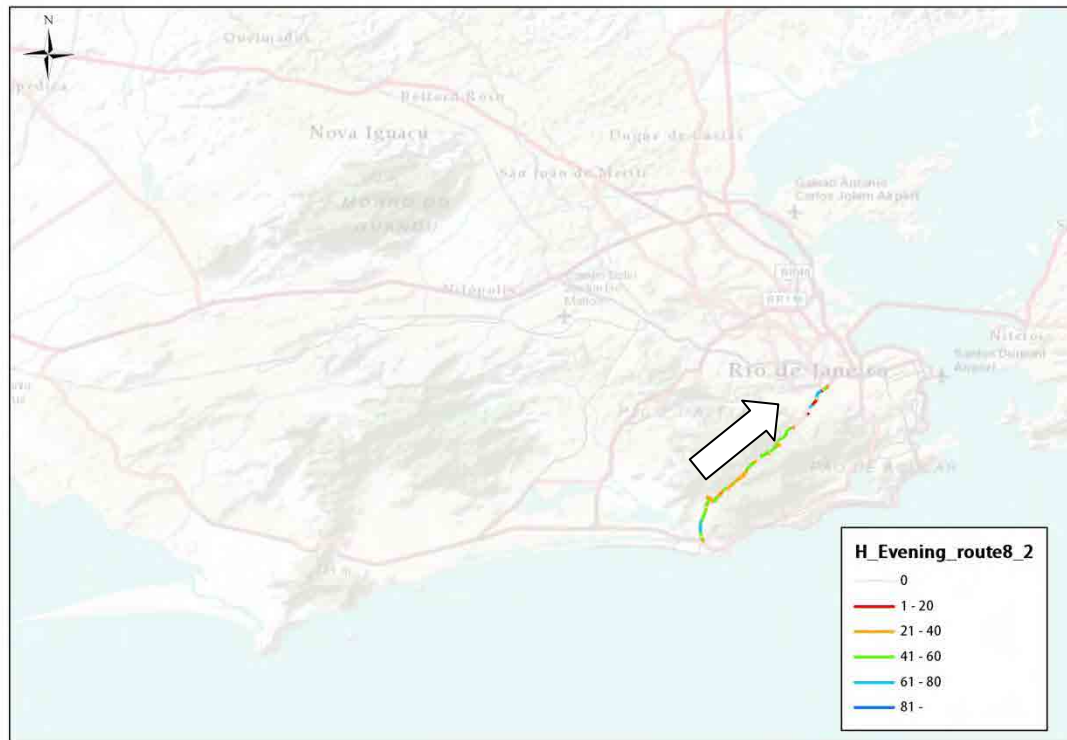


Route	Direction	Start	Goal	Main Road	Distance(km)
8	8-1	Around Maracana Stadium	Pte. Nova / Av. Amando Lombardi	Estr. Velha Tijuca	17
	8-2	Pte. Velha / Av. Amando Lombardi	Around Maracana Stadium		17

Direction 1



Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
9	9-1	Av. Geremário Dantas / Ln. Amarela	Around Maracana Stadium	Av. Menezes Cortes	15
	9-2	Around Maracana Stadium	Av. Geremário Dantas / Ln. Amarela		15

Direction 1

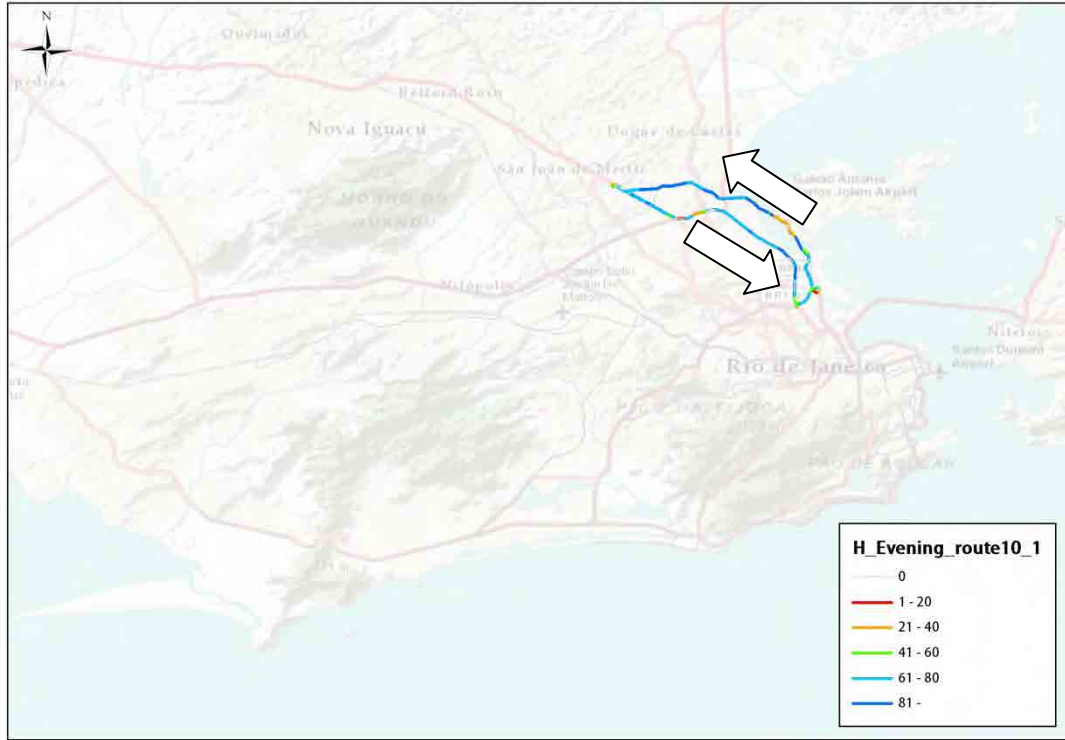


Direction 2

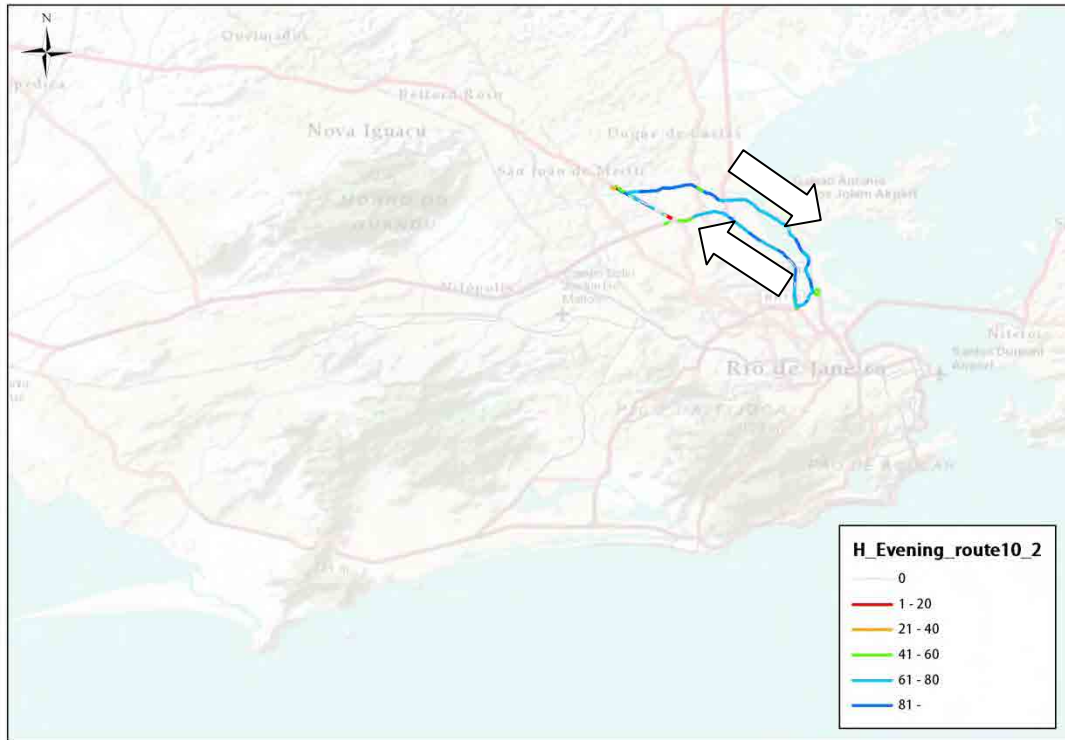


Route	Direction	Start	Goal	Main Road	Distance(km)
10	10-1	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra	Av. Brasil, Linha Vermelha	35
	10-2	Av. Brasil / Rod. Pres. Dutra	Av. Brasil / Rod. Pres. Dutra		31

Direction 1

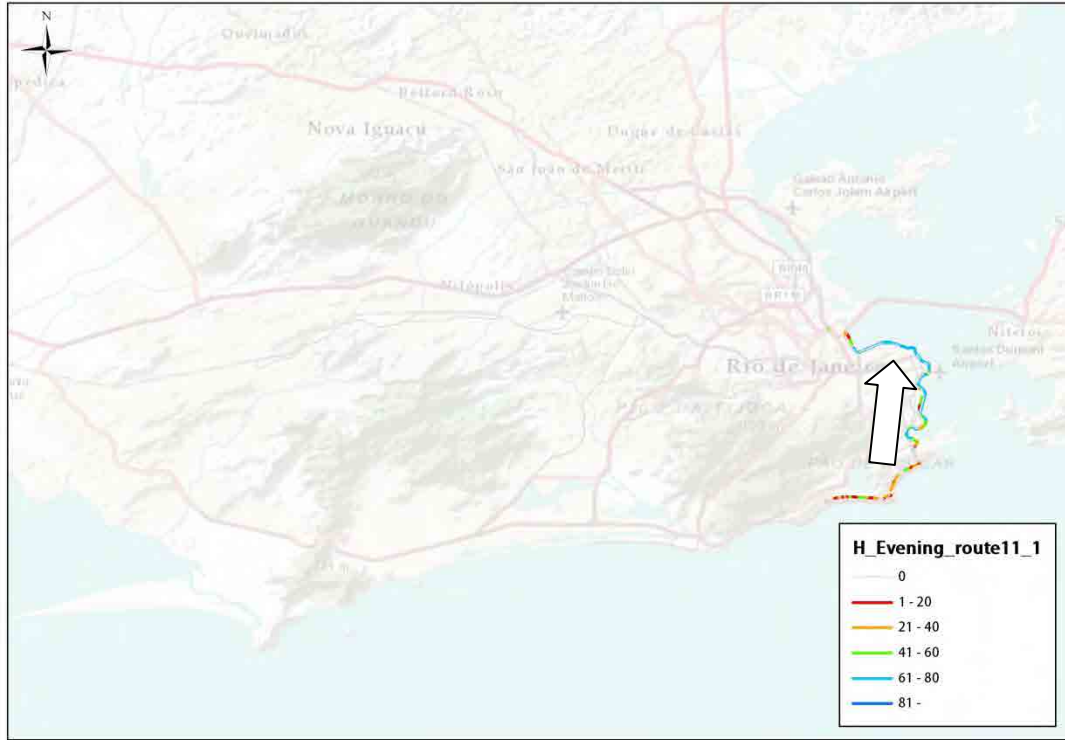


Direction 2



Route	Direction	Start	Goal	Main Road	Distance(km)
11	11-1	Av. Ataulfo de Paiva / R. Visc. de Albuquerque	Vevd. da Perimetral /Av. Brasil	Av. Ns. de Copacabana, Av. Gen. Justo	21
	11-2	Vevd. da Perimetral /Av. Brasil	Av. Gen. San Martin / R. Visc. de Albuquerque		20

Direction 1



Direction 2

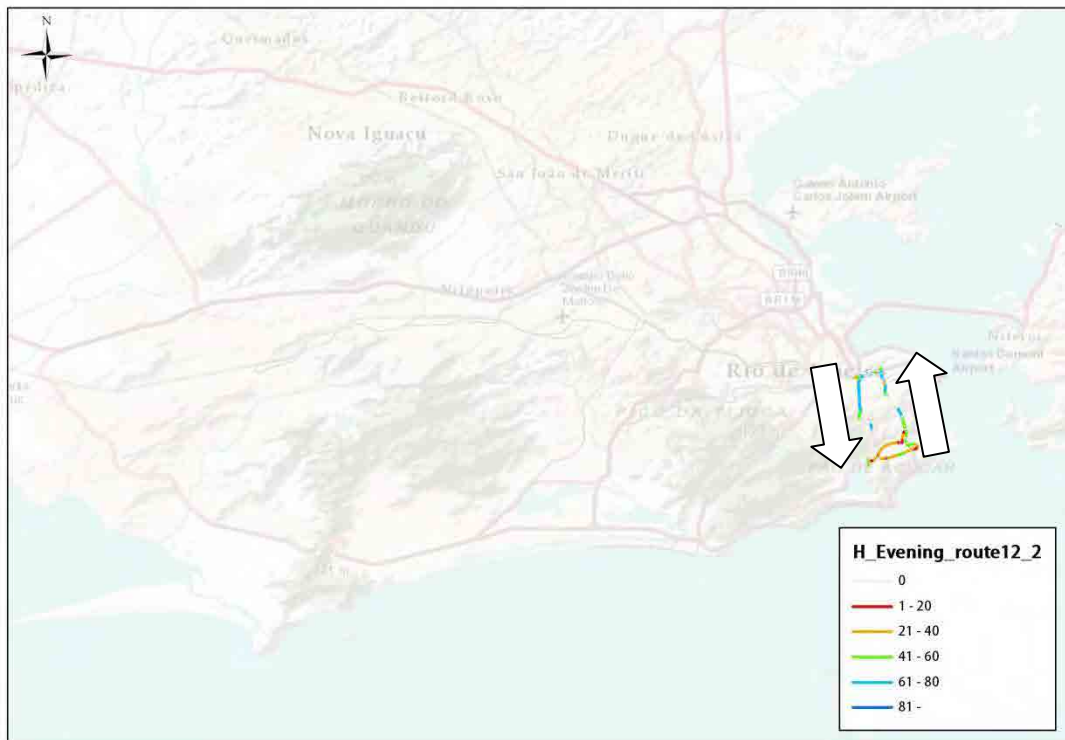


Route	Direction	Start	Goal	Main Road	Distance(km)
12	12-1	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Vevd. Eng. Freyssinet, Vevd. Eng. Noronha	15
	12-2	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto	Around Praça Marcos Tamoio, 02.06.008 E.M. Pedro Ernesto		18

Direction 1



Direction 2

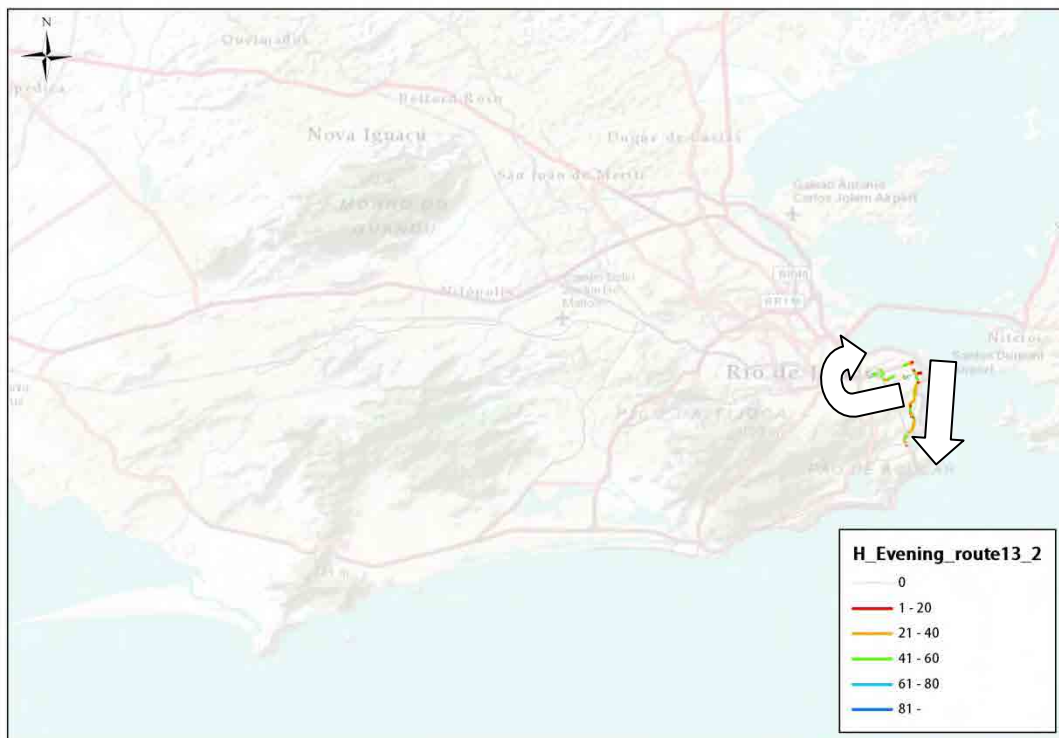


Route	Direction	Start	Goal	Main Road	Distance(km)
13	13-1	Around Largo Alm Indio do Brasil	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Av. Pres. Vargas, R. Primeiro Marco, Av. Republica do Chile, R. do Catete	14
	13-2	Av. Alm. Barroso / Av. Pres. Antonio Carlos	Around Largo Alm Indio do Brasil	R. do Catete	13

Direction 1

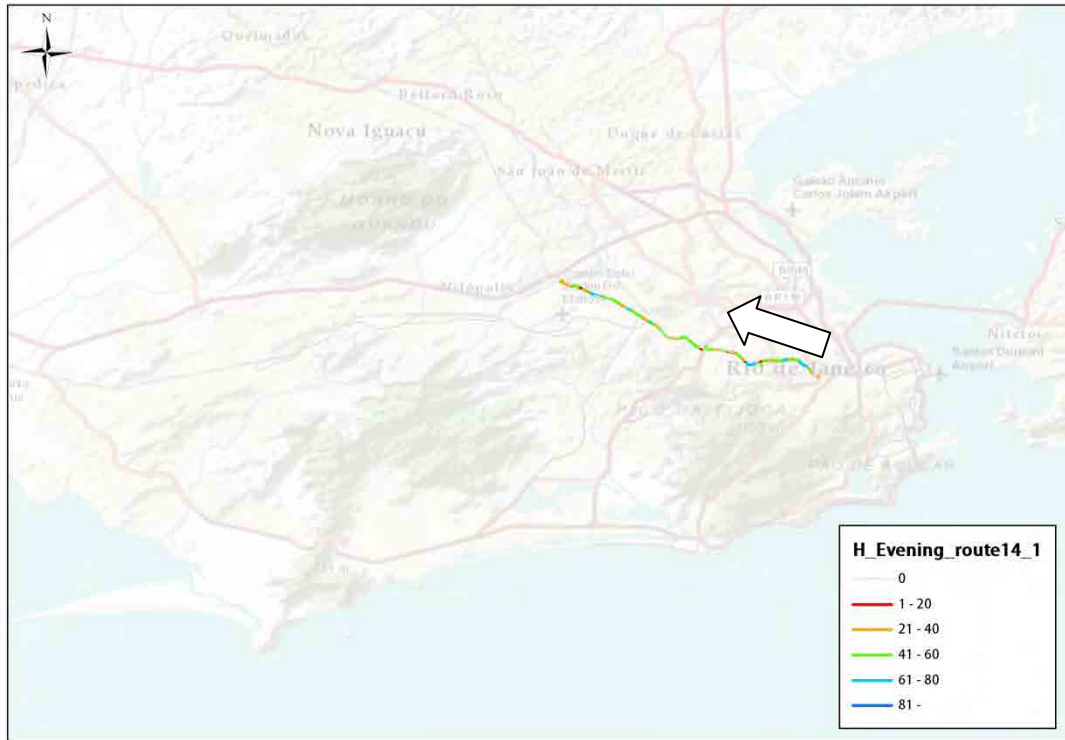


Direction 2

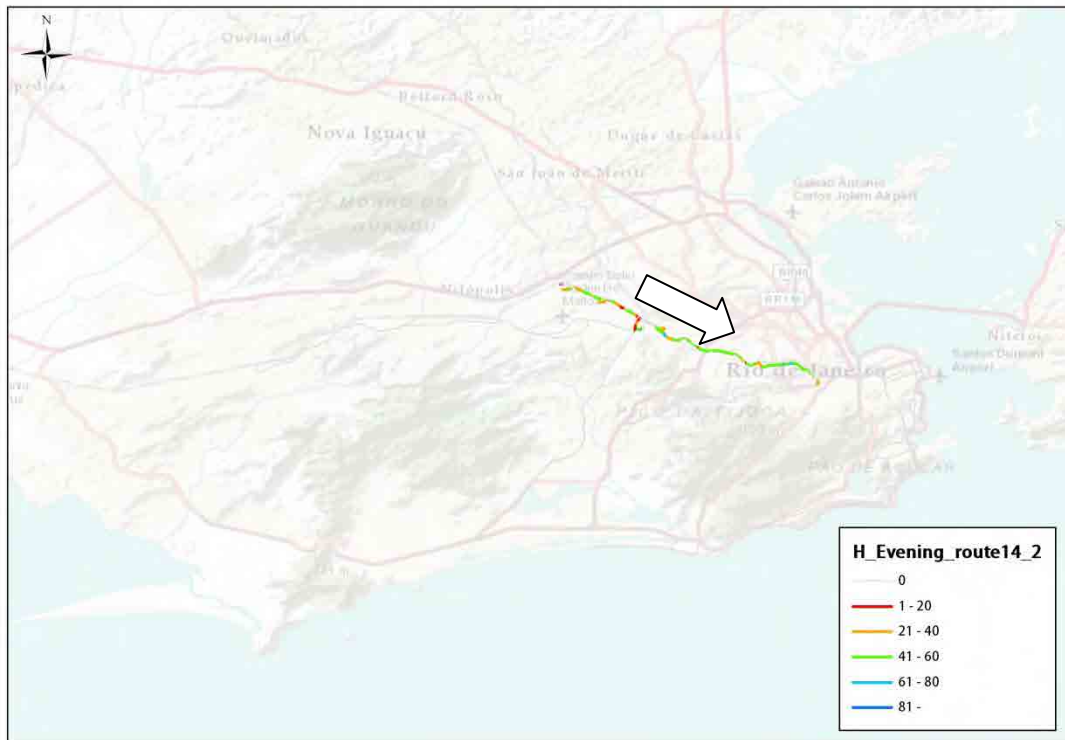


Route	Direction	Start	Goal	Main Road	Distance(km)
14	14-1	Around Maracana Stadium	Deodoro Station	R. Joao Vicente, Av. Amaro Cavalcanti	19
	14-2	Deodoro Station	Around Maracana Stadium		21

Direction 1



Direction 2

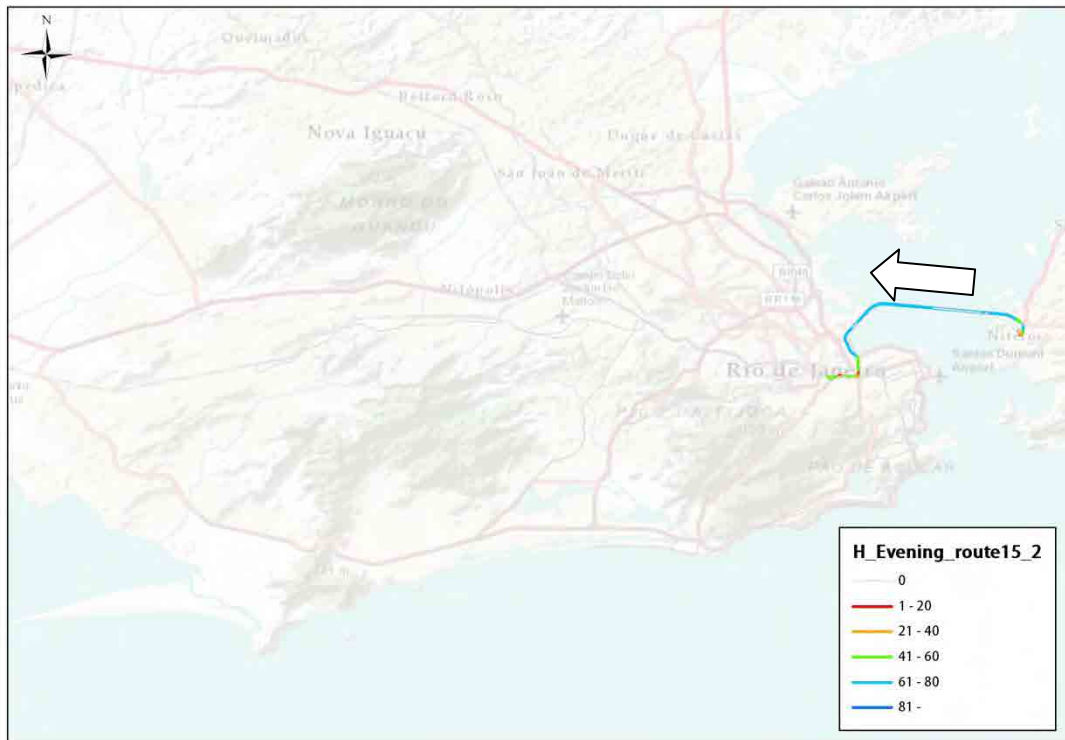


Route	Direction	Start	Goal	Main Road	Distance(km)
15	15-1	Around Maracana Stadium	Praca Dez de Novembro	Av. Pst. Martin Luther King Junior	17
	15-2	Praca Dez de Novembro	Around Maracana Stadium		18

Direction 1



Direction 2



4) Velocidade da viagem em cada link

[Durante a Semana, Área Central do Rio de Janeiro]

Conforme mostrado na figura abaixo, as vias no centro da cidade ficam congestionadas durante o horário de pico e depois do horário de pico. Por outro lado, as vias radiais estavam congestionadas somente durante os horários de pico pela manhã e à noite. Observou-se que as viagens com velocidades mais baixas, ocorrem durante o pico à tarde.

Pico pela Manhã (7h – 9h)



Fora do Horário de Pico (11h e 14h)



Pico à Noite (17h – 19h)



Fonte: Equipe de Estudo JICA

[Final de Semana, Área Central do Rio de Janeiro]

Copacabana foi a área mais congestionada durante os finais de semana como mostra a figura abaixo.

Pico pela Manhã (7h – 9h)



Fora do Horário de Pico (11h e 14h)



Pico à Noite (17h – 19h)



Fonte: Equipe de Estudo JICA

5) Velocidade Média por Área

Calculou-se a velocidade média em cada área, usando os resultados do tempo de viagem. Nas áreas Centrais e nas áreas de Copacabana a velocidade média foi inferior a 30 km/h durante os dias da semana.

[Durante a Semana pela Manhã]



[Durante a Semana - Fora do Horário de Pico]



[Durante a Semana à Noite]



Fonte: Equipe de Estudo JICA

Durante os finais de semana, somente na área de Copacabana a velocidade média era inferior a 30 km/h.

[Final de Semana pela Manhã]



[Final de Semana - Fora do Horário de Pico]



[Final de Semana à Noite]

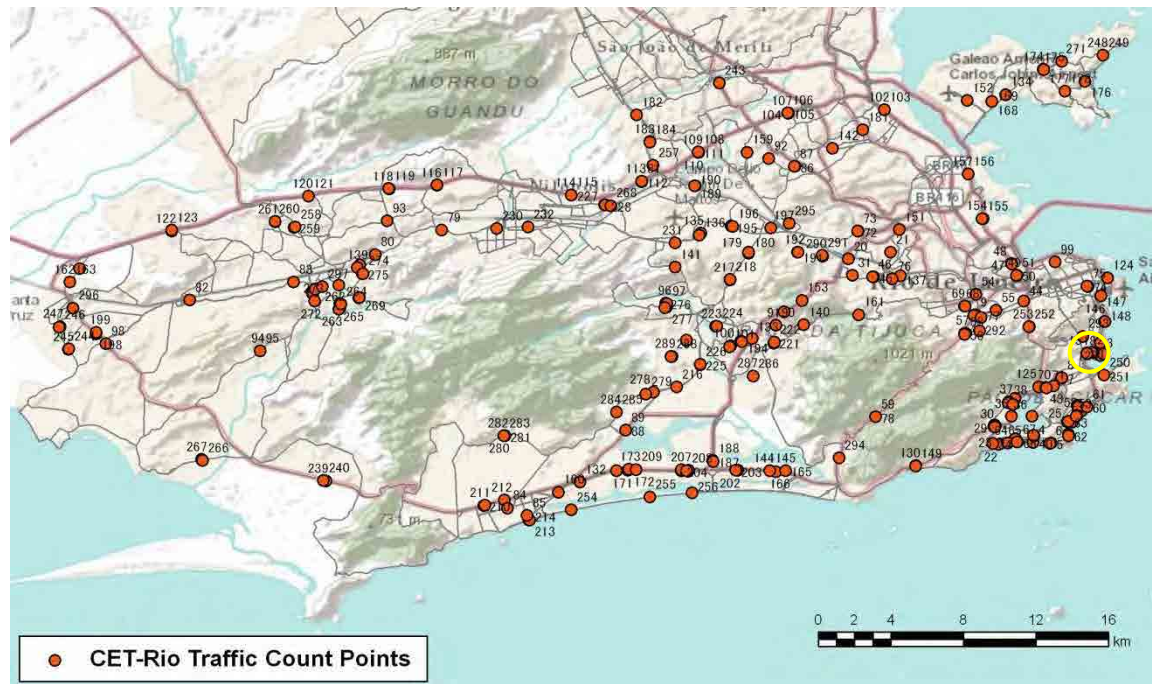


Fonte: Equipe de Estudo JICA

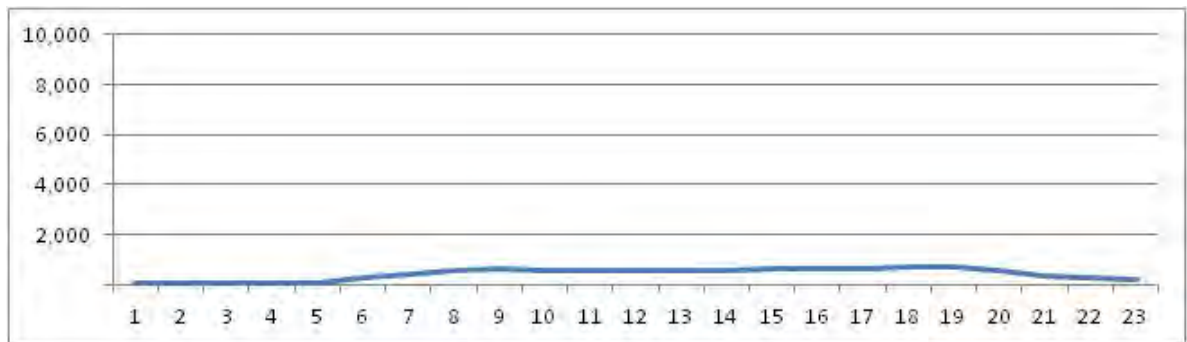
CET-Rio os Dados da Contagem de Tráfego

No.	Point	Towards
1	Av. OswaldoCruz proxPca Nicaragua	Botafogo

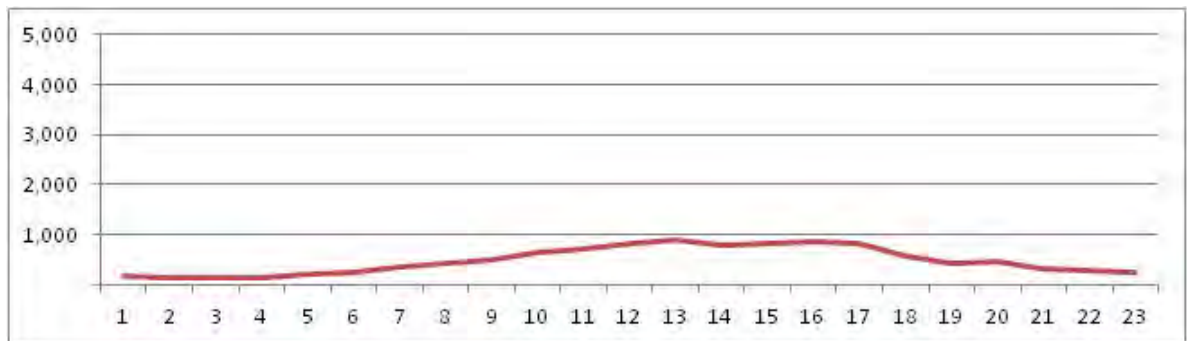
[Location]



[Weekday]

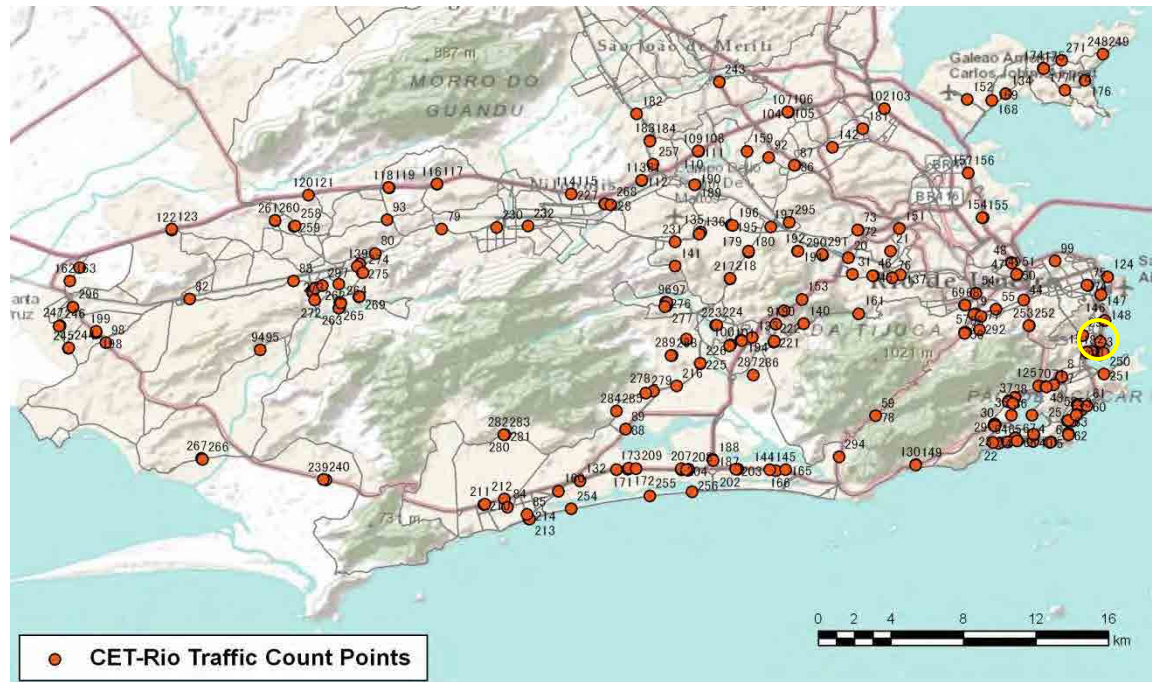


[Weekend]

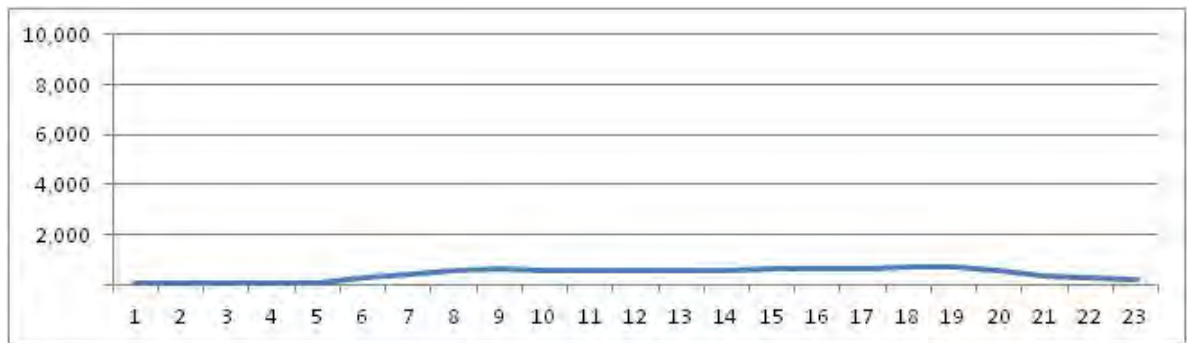


No.	Point	Towards
1	Av. OswaldoCruz proxPca Nicaragua	Botafogo

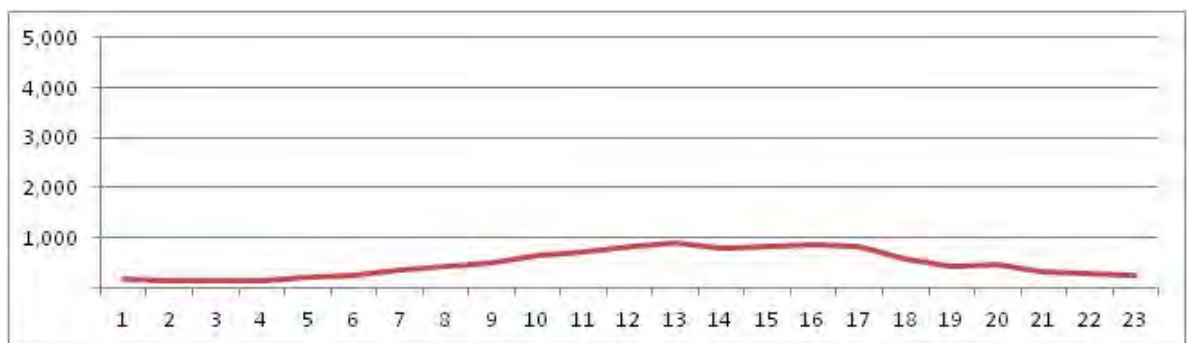
[Location]



[Weekday]

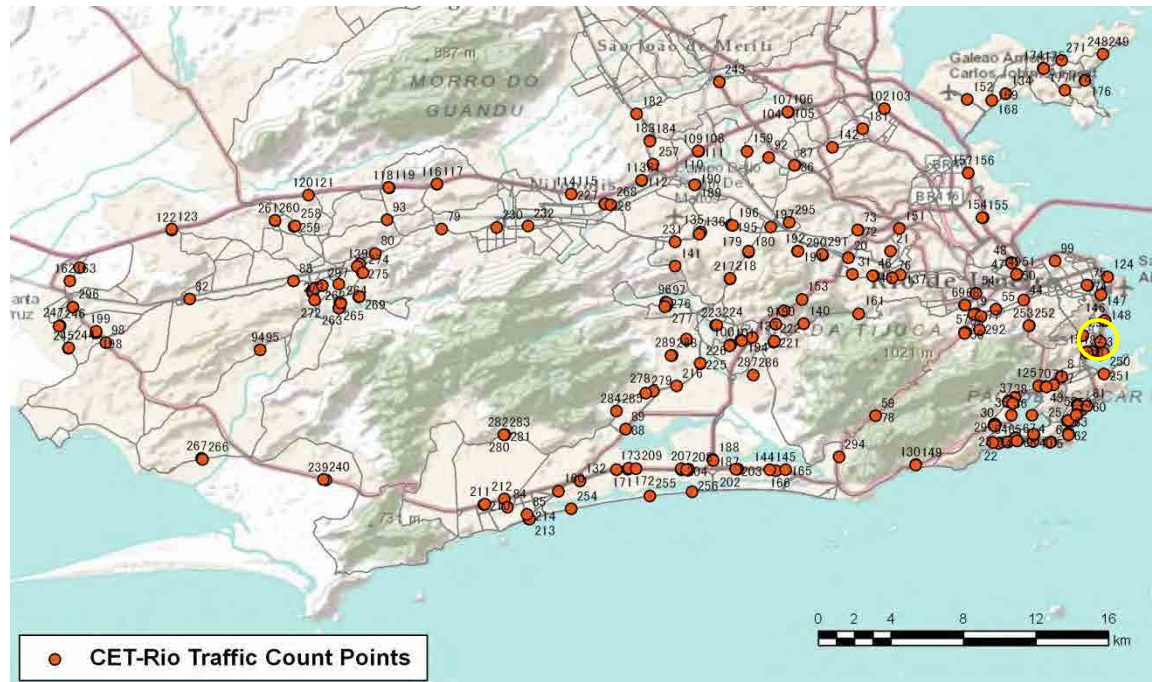


[Weekend]

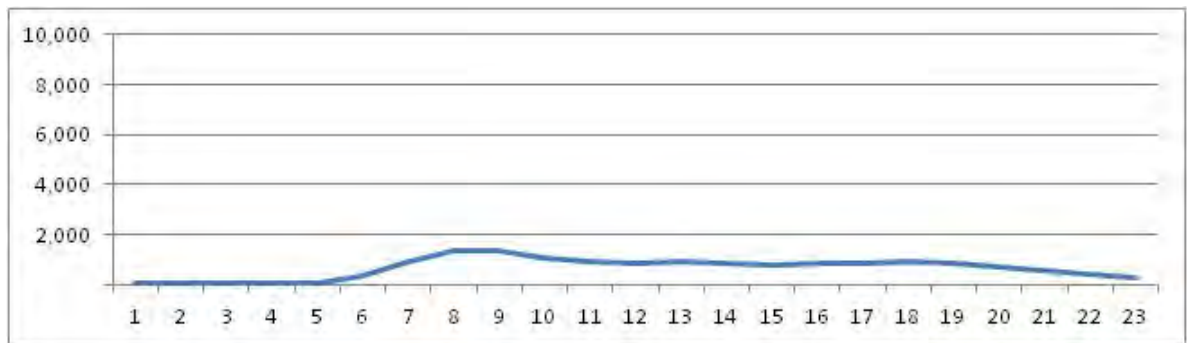


No.	Point	Towards
2	PraiaBotafogoproxpcMarinhaBrasil	Centro

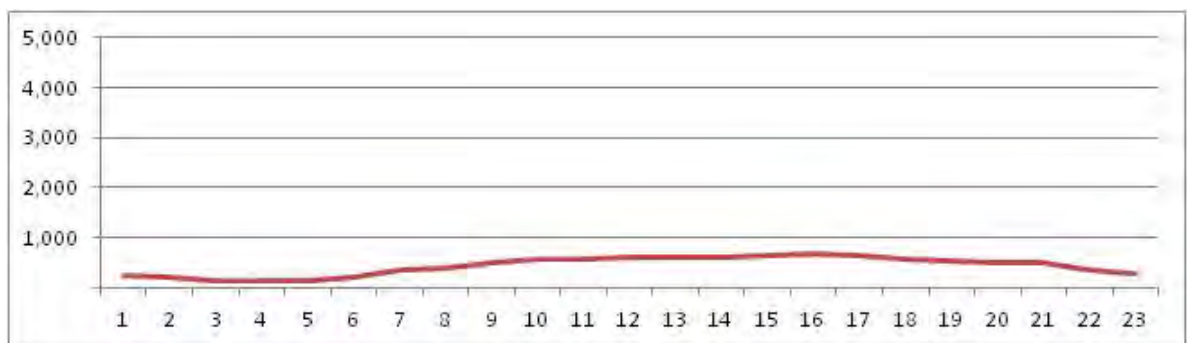
[Location]



[Weekday]

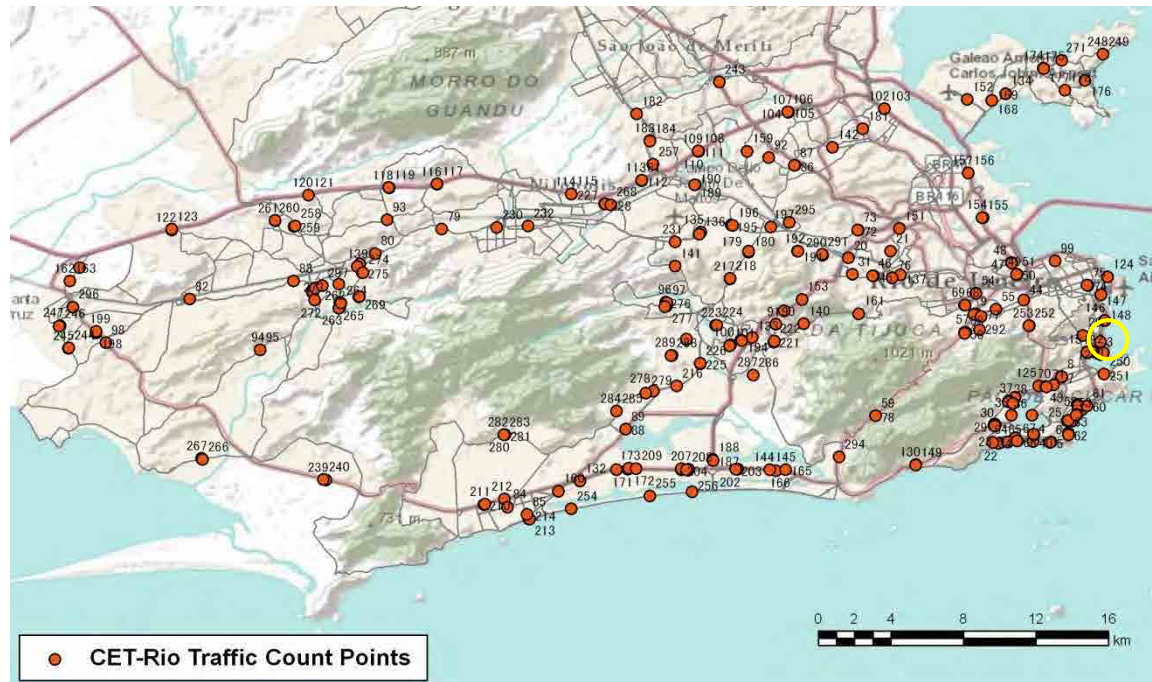


[Weekend]

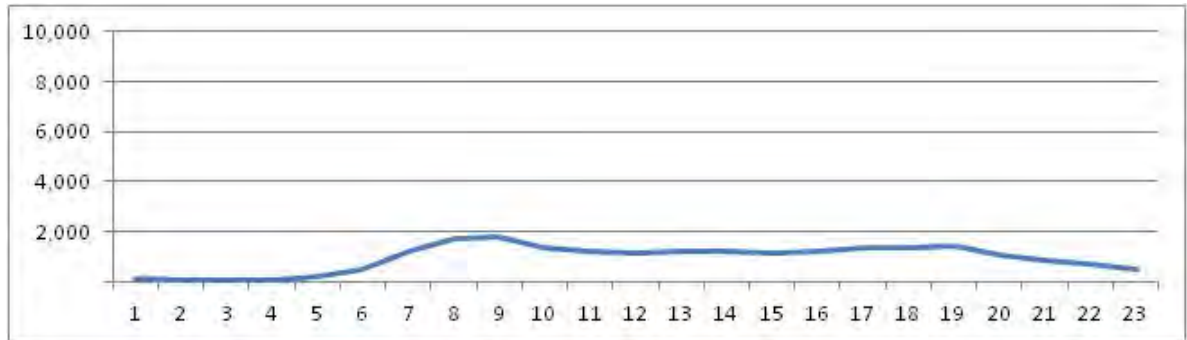


No.	Point	Towards
3	Av Rui Barbosa próx. Inst. Fernandes Figueira	

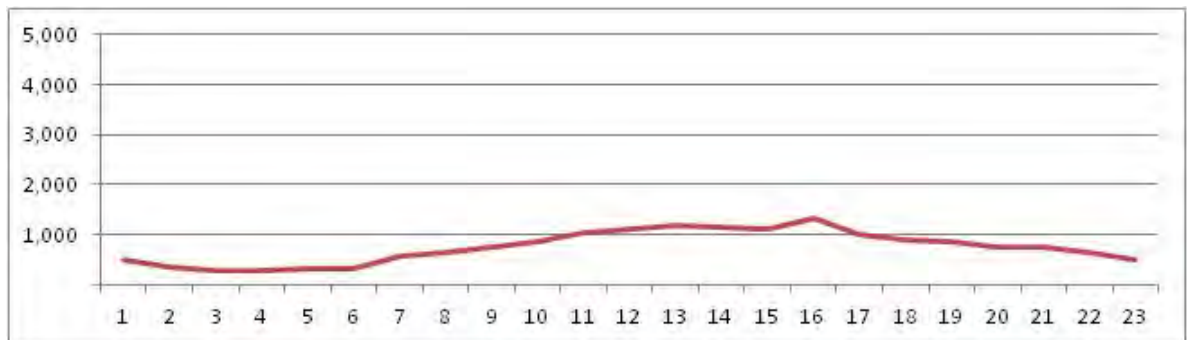
[Location]



[Weekday]

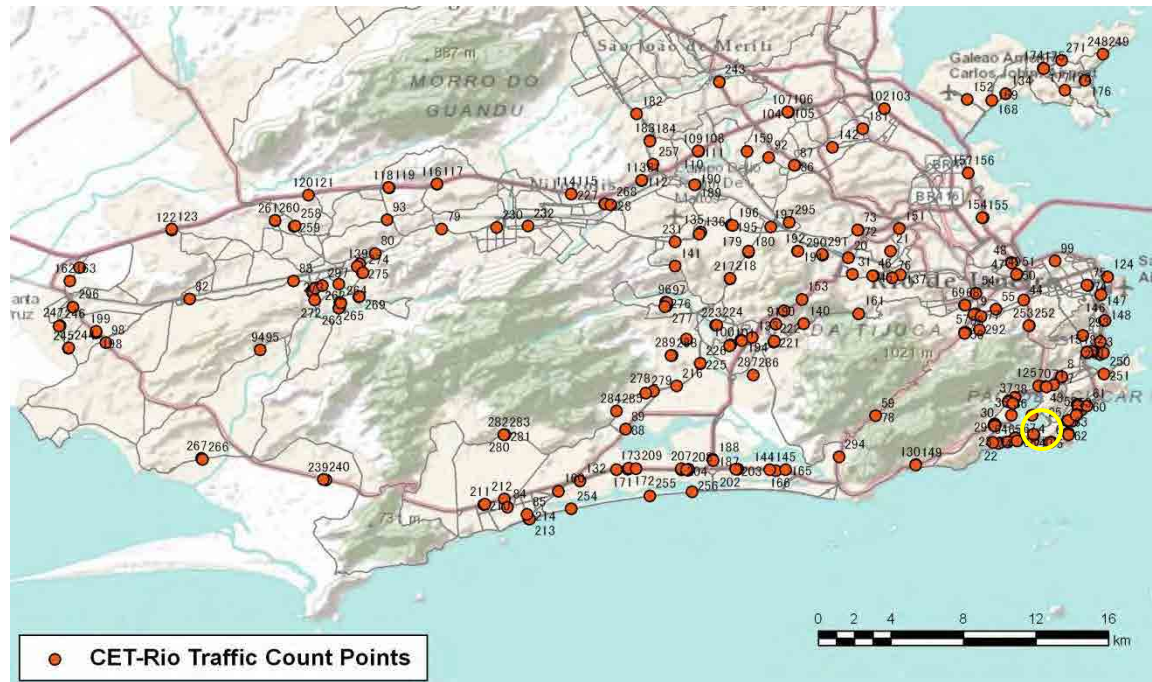


[Weekend]

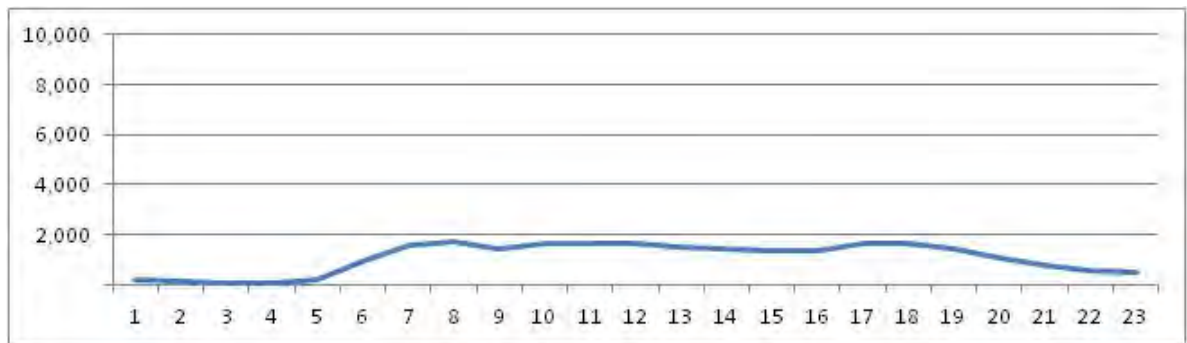


No.	Point	Towards
4	Av. Vieira Souto prox. n460	Copacabana

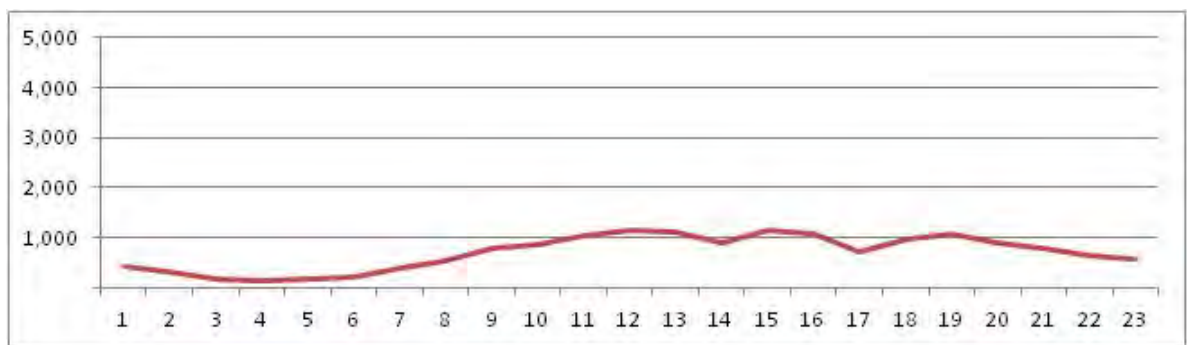
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[Weekday]

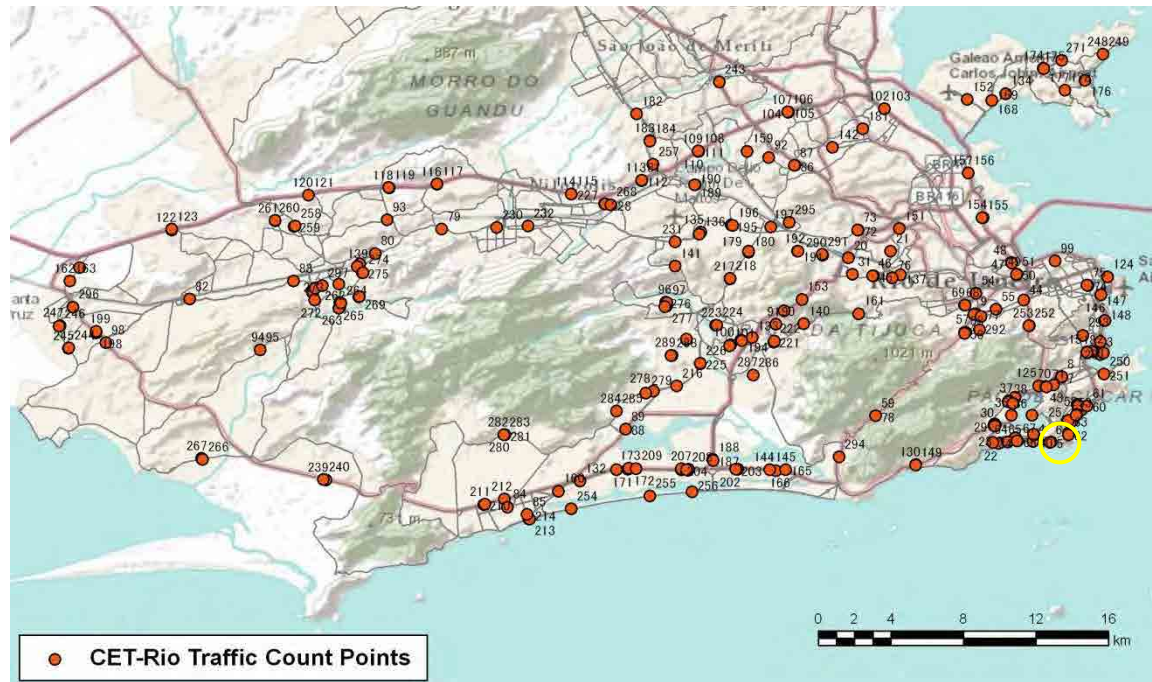


[Weekend]

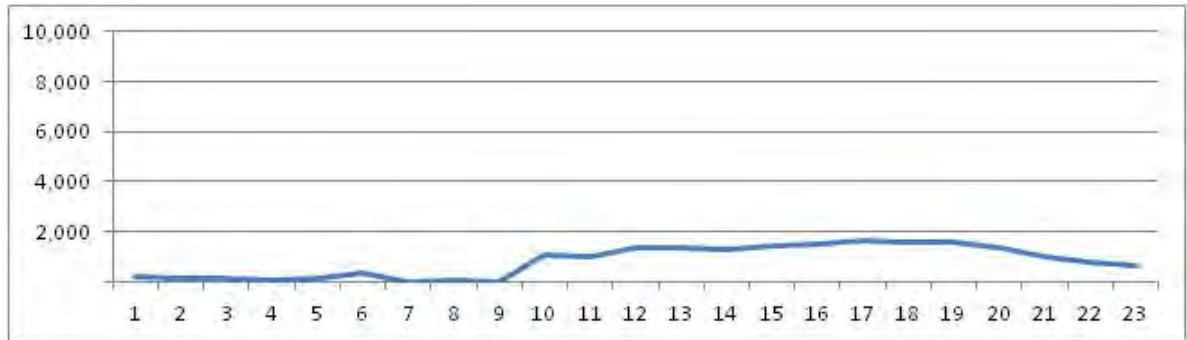


No.	Point	Towards
5	Av. Vieira Souto prox. n158	Leblon

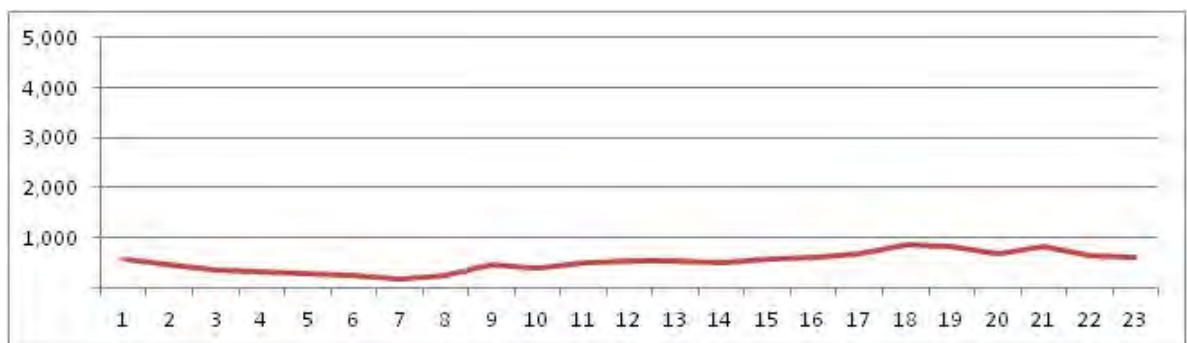
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[Weekday]

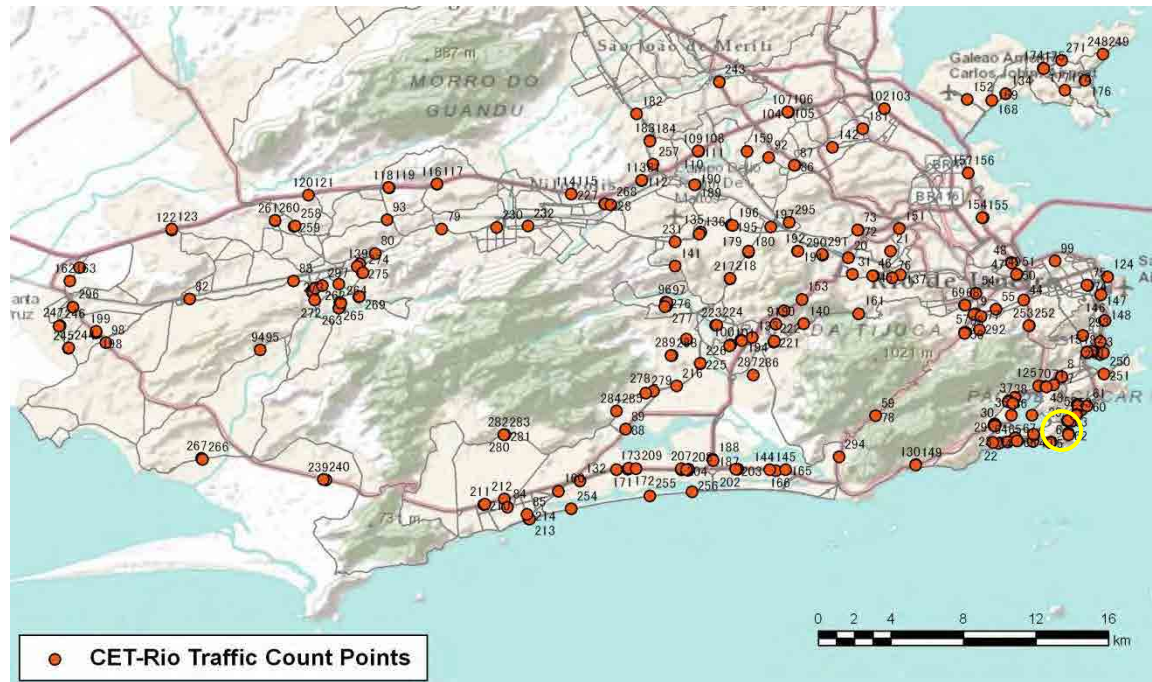


[Weekend]

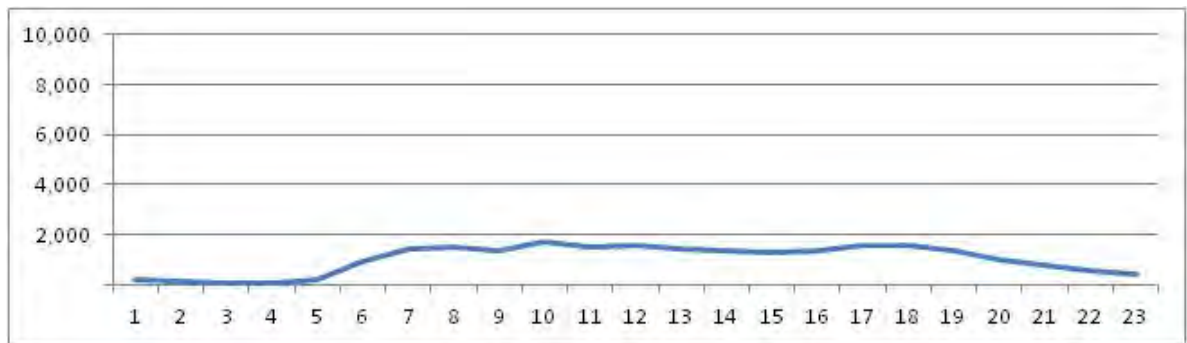


No.	Point	Towards
6	Av. Vieira Souto prox. n164	Copacabana

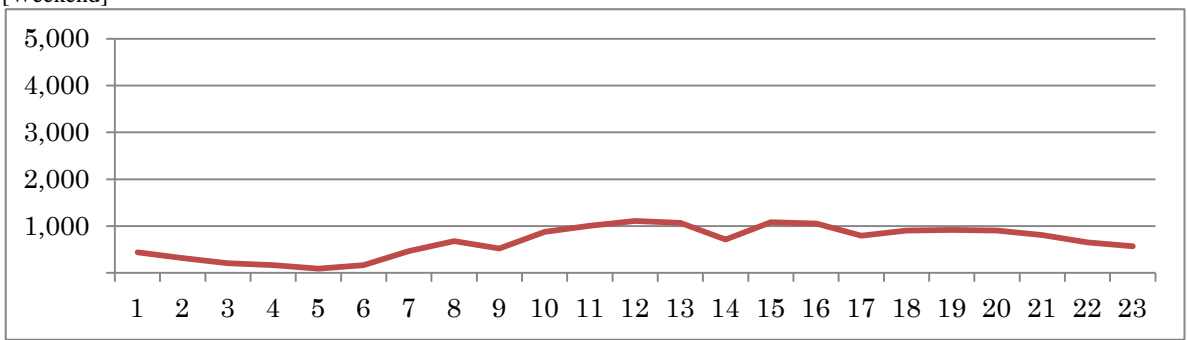
[Location]



[Weekday]

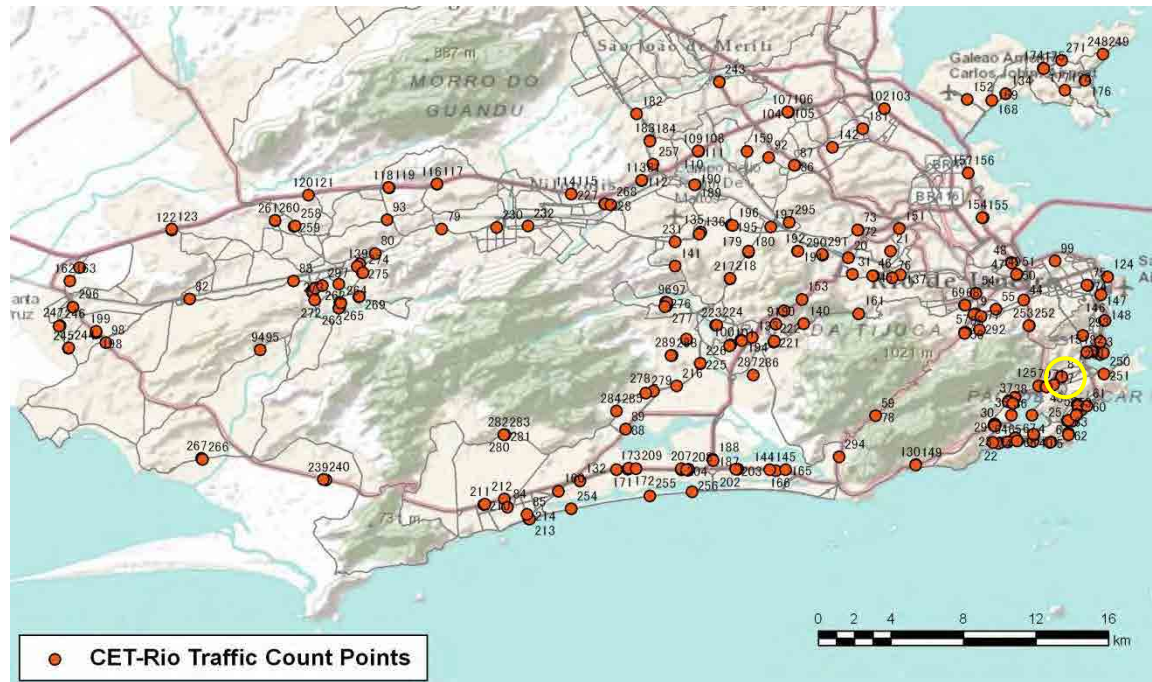


[Weekend]

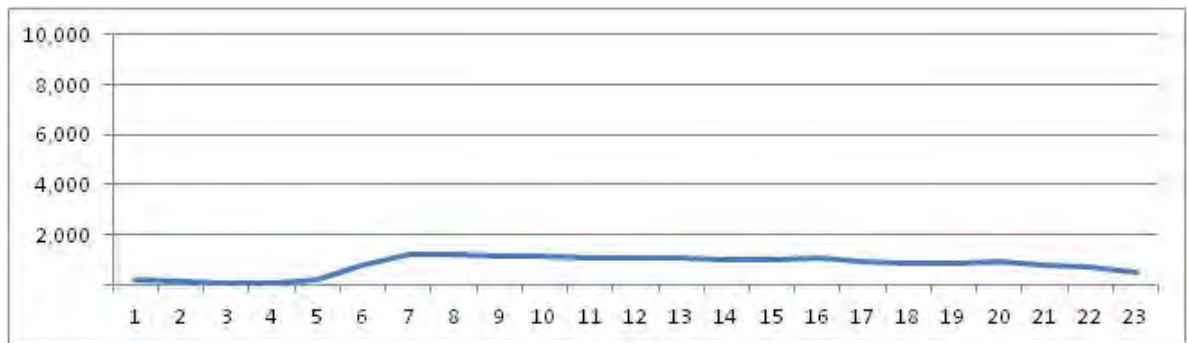


No.	Point	Towards
7	Rua Voluntarios da Patria prox. n324	

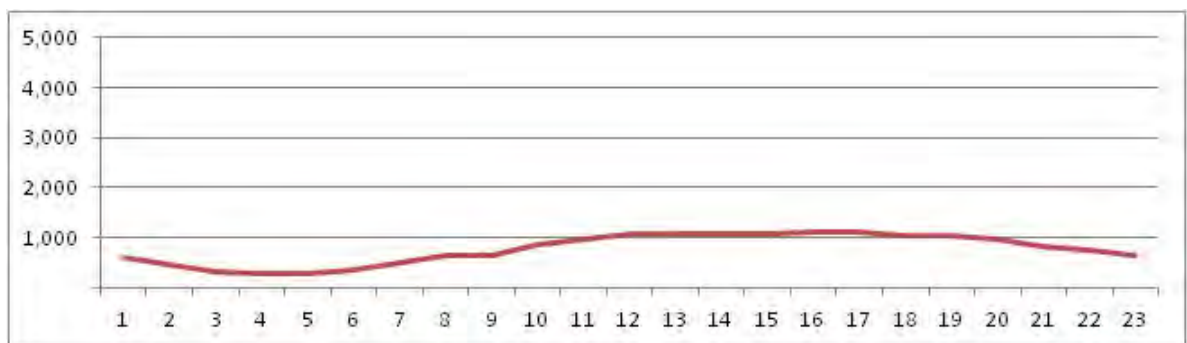
[Location]



[Weekday]

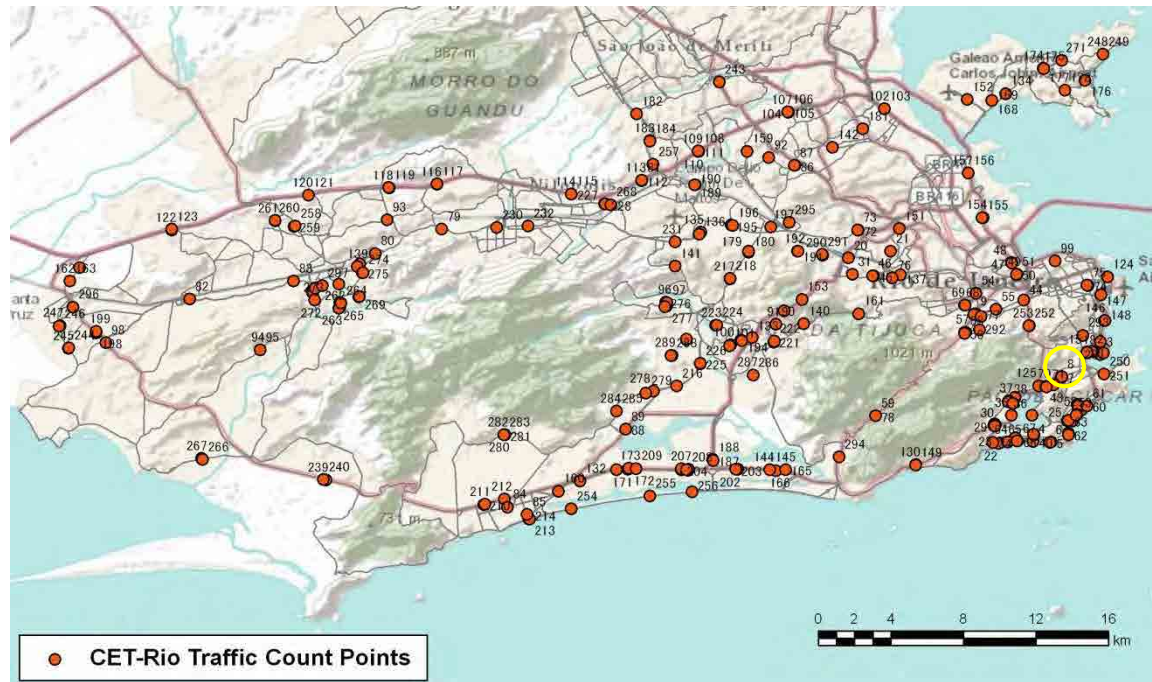


[Weekend]

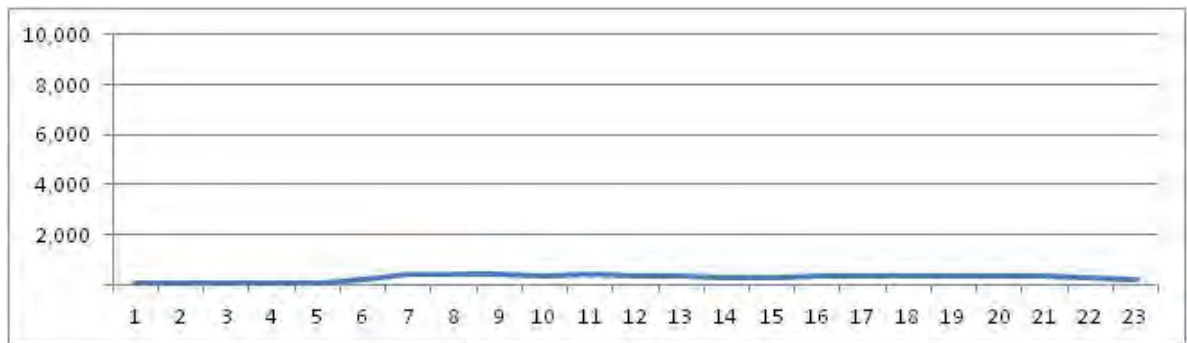


No.	Point	Towards
8	Rua Real Grandeza prox. n139	

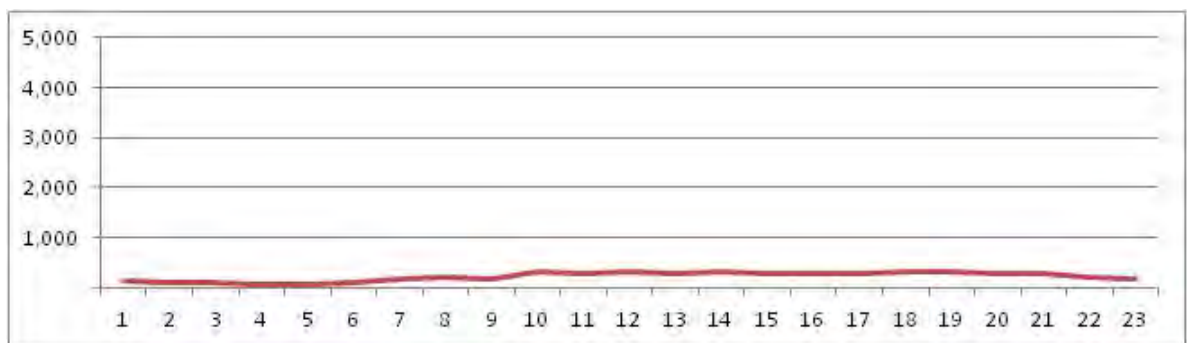
[Location]



[Weekday]

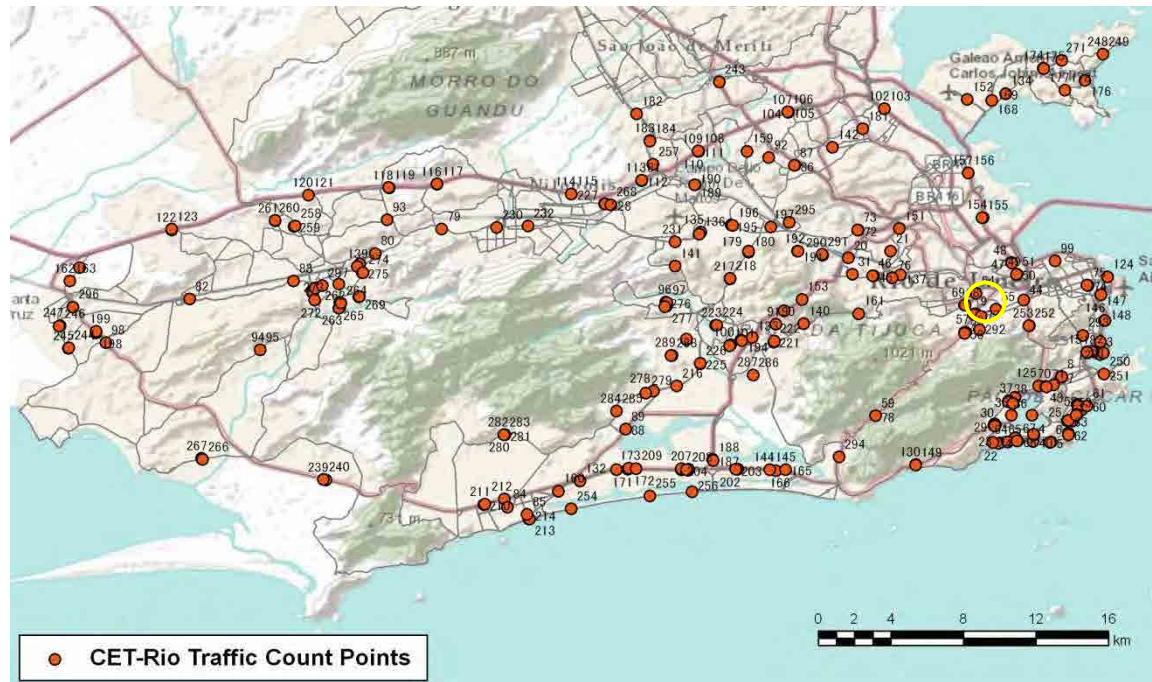


[Weekend]

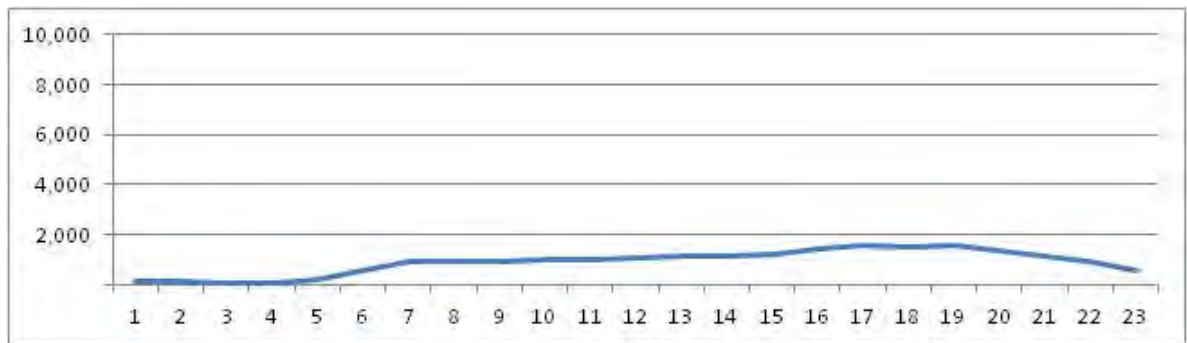


No.	Point	Towards
9	Av. Maracana prox. n970	Tijuca

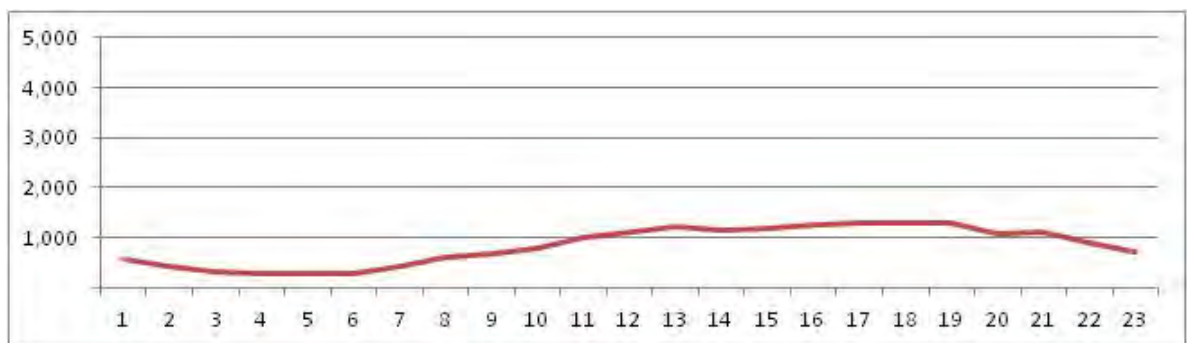
[Location]



[Weekday]

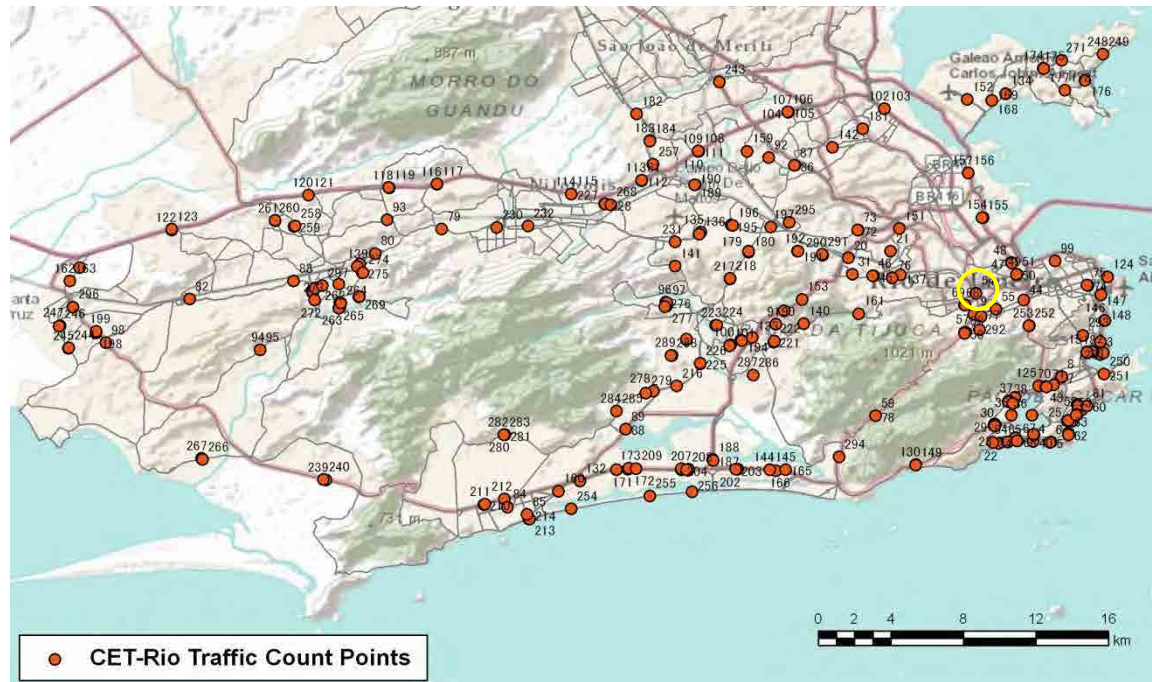


[Weekend]

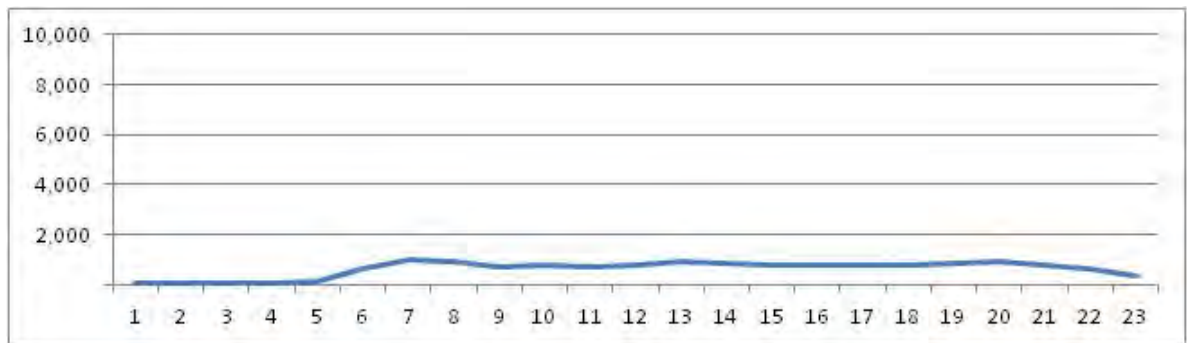


No.	Point	Towards
10	Av. Maracana prox. n970	Centro

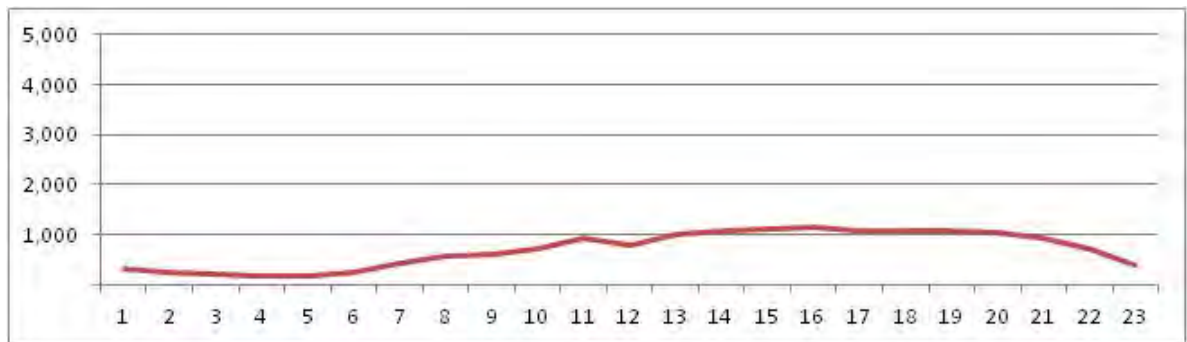
[Location]



[Weekday]

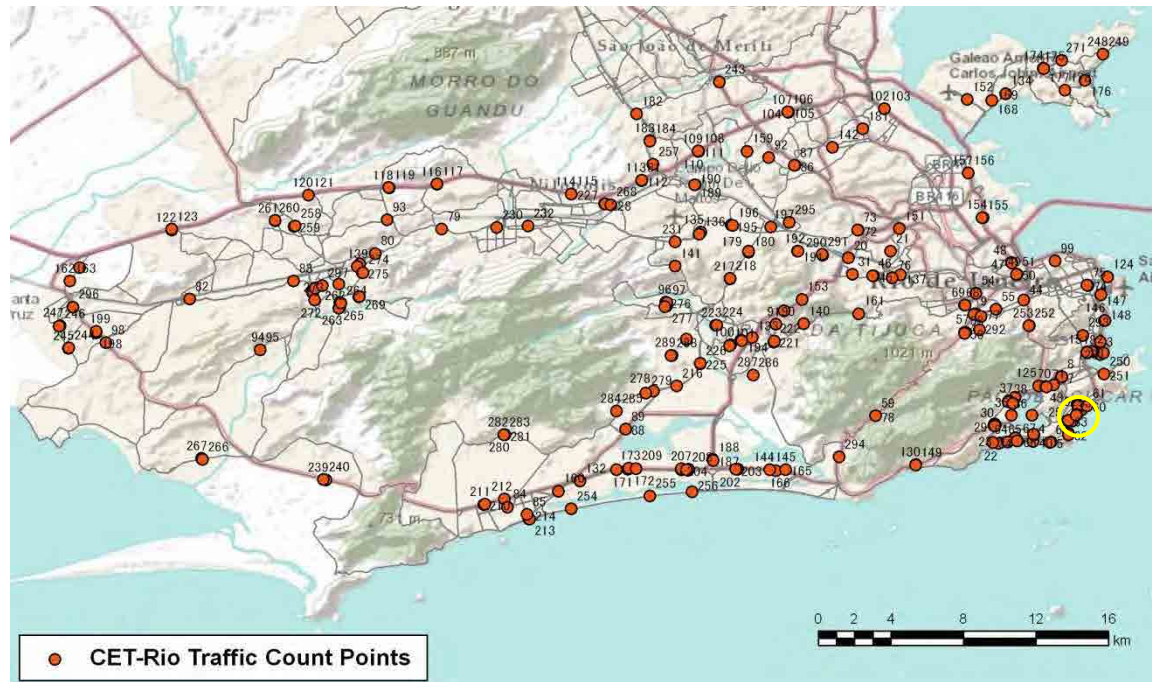


[Weekend]

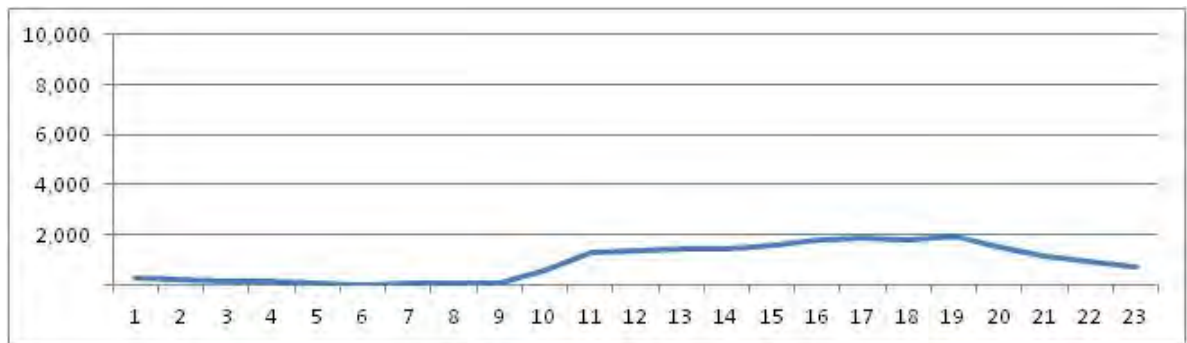


No.	Point	Towards
11	Av. Atlantica prox. n3056	Ipanema

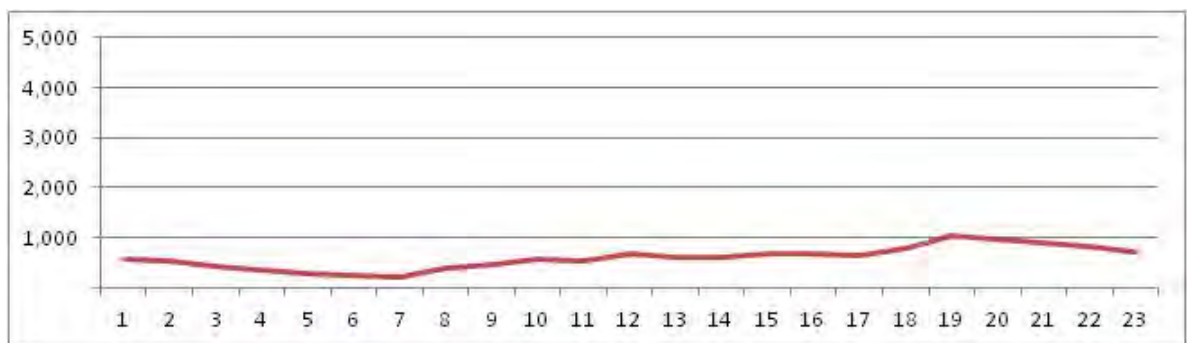
[Location]



[Weekday]

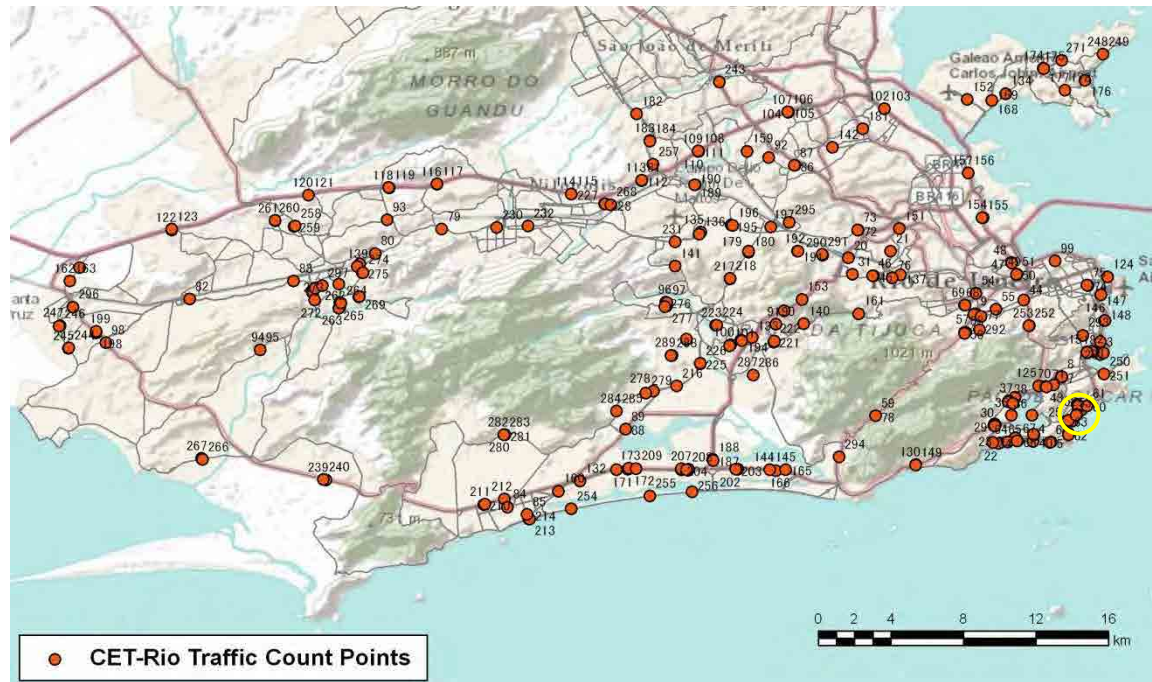


[Weekend]

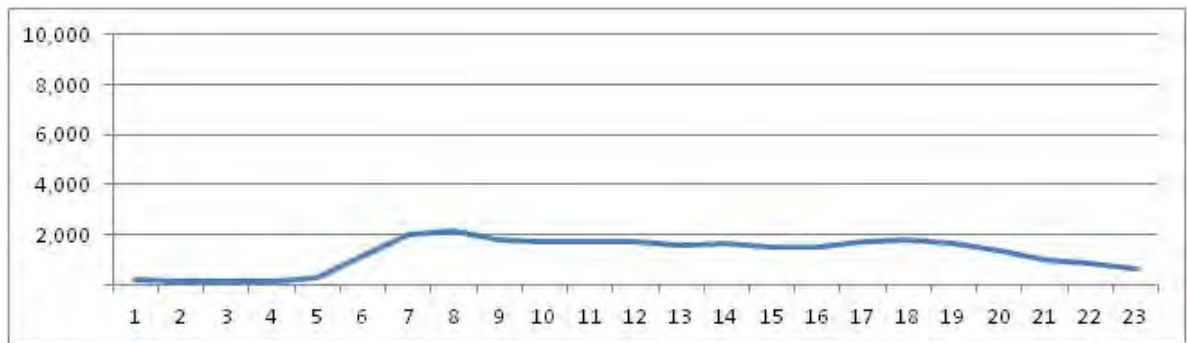


No.	Point	Towards
12	Av. Atlantica prox. n3056	Leme

[Location]



[Weekday]

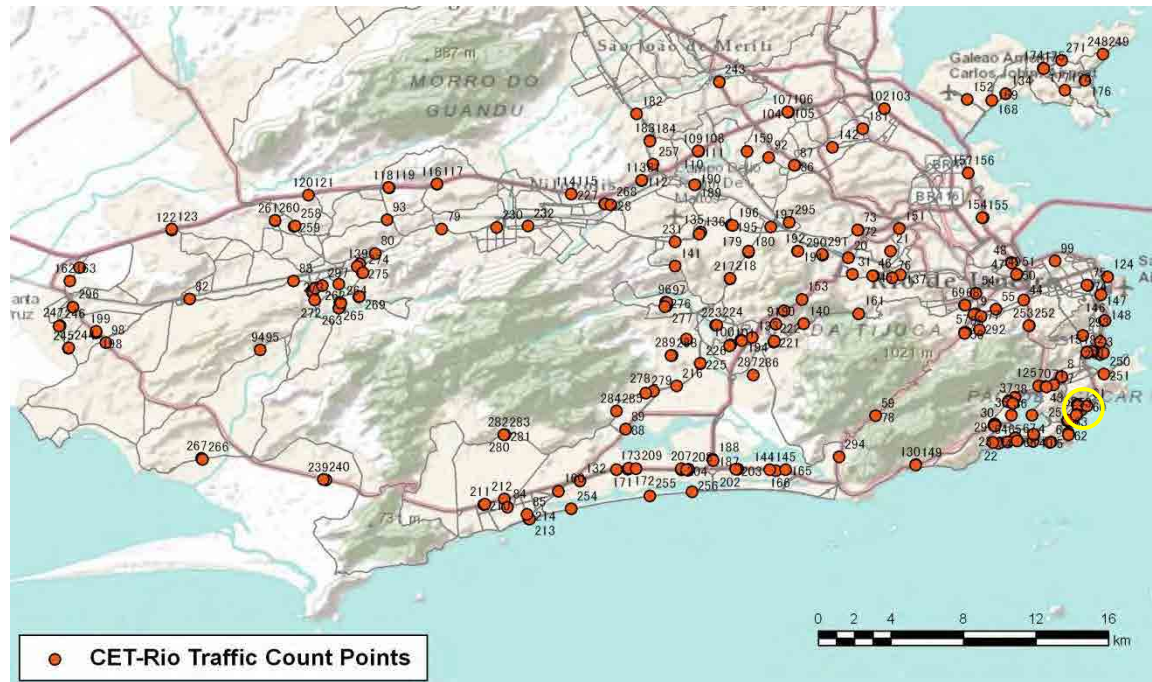


[Weekend]

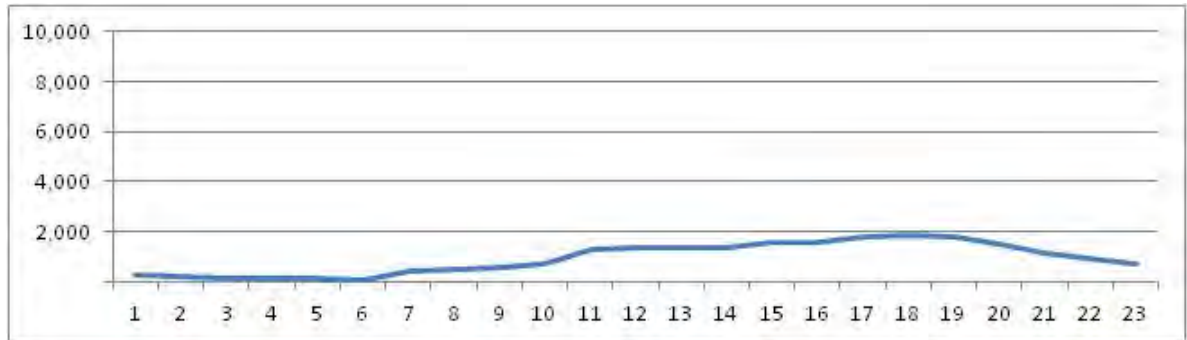


No.	Point	Towards
13	Av. Atlantica prox. n2266	Ipanema

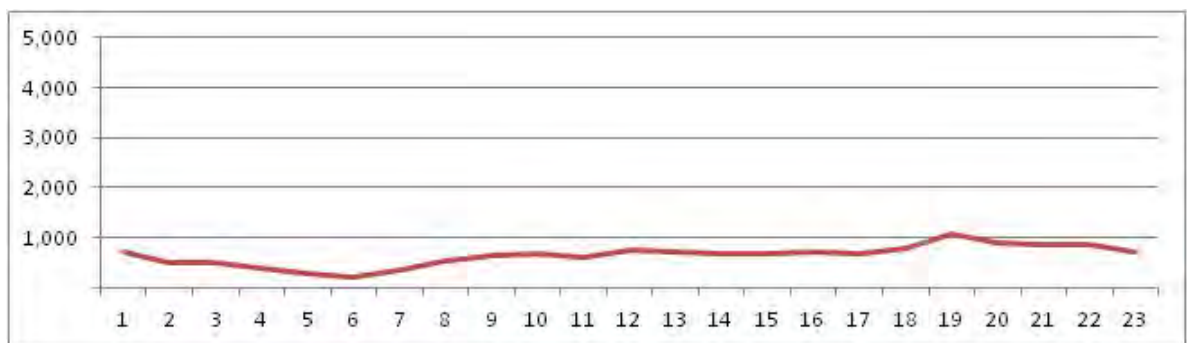
[Location]



[Weekday]

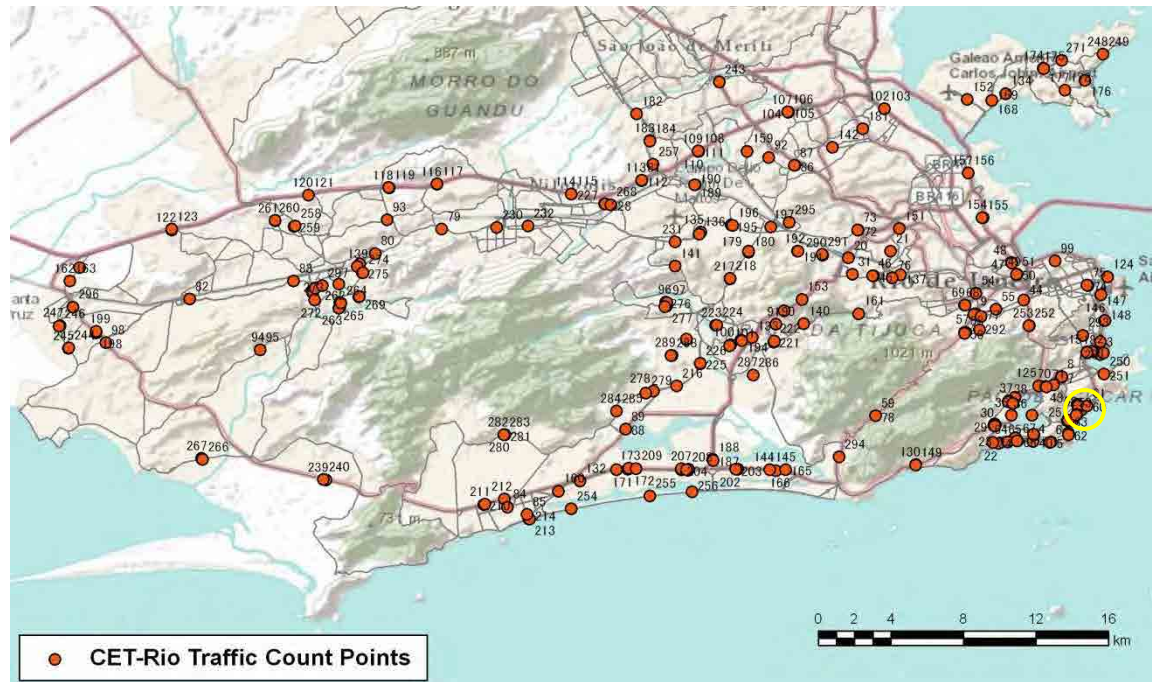


[Weekend]

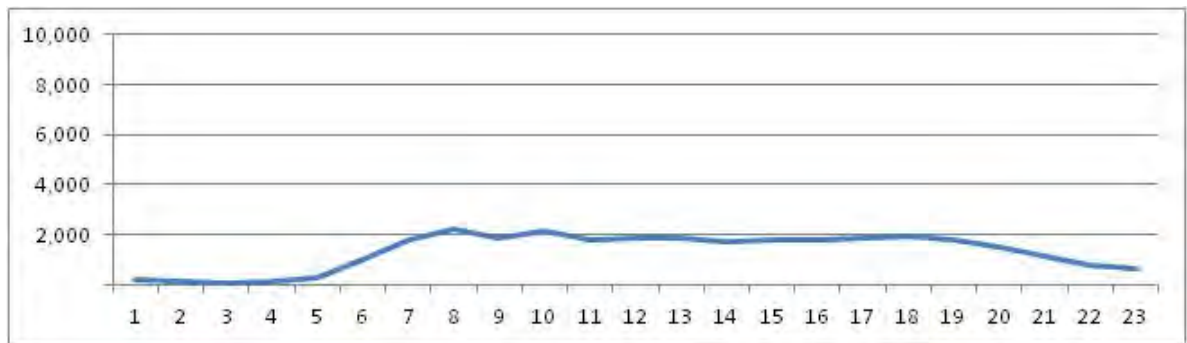


No.	Point	Towards
14	Av. Atlantica prox. n2302	Leme

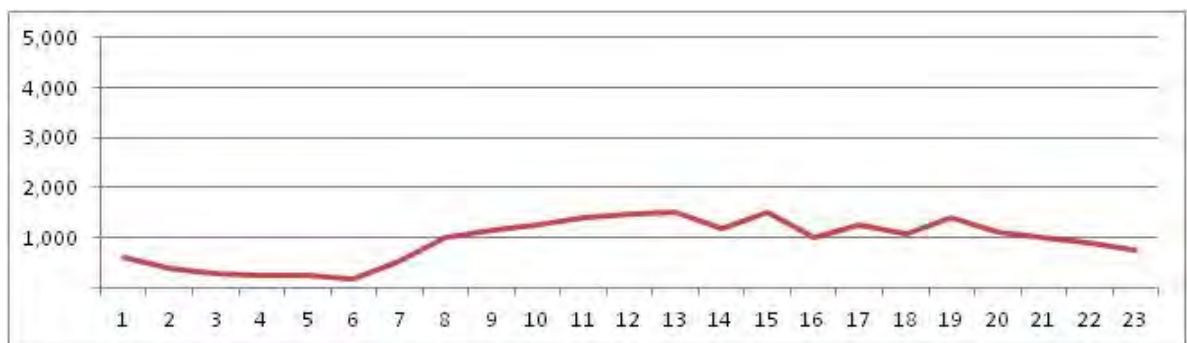
[Location]



[Weekday]

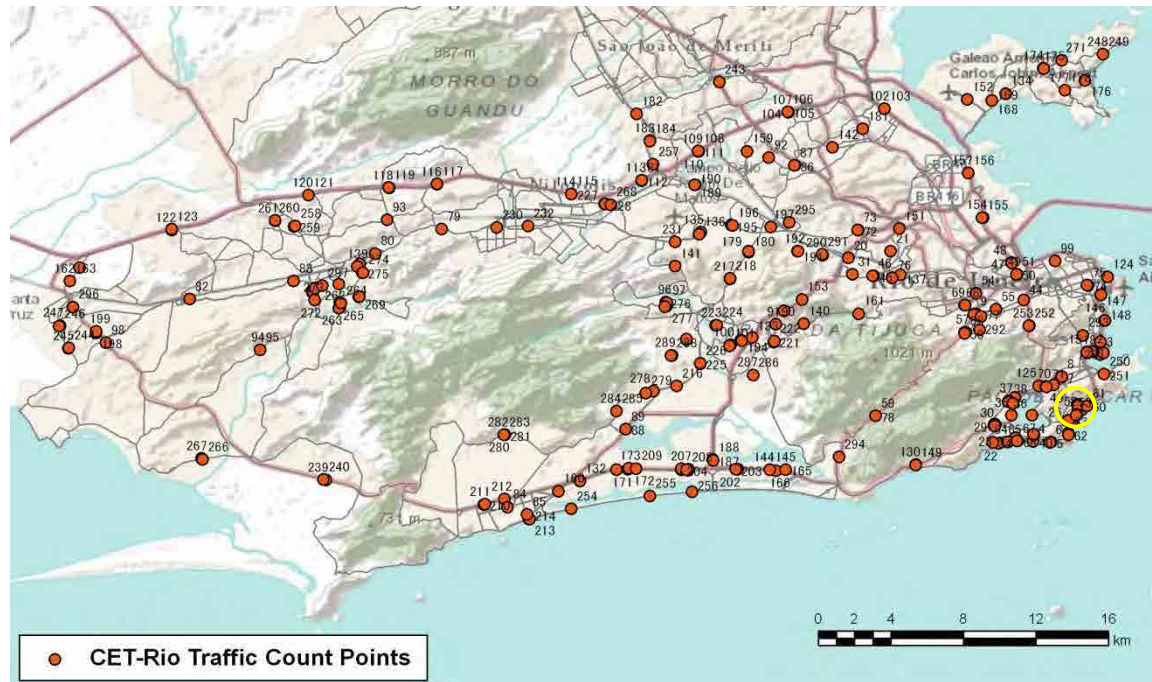


[Weekend]

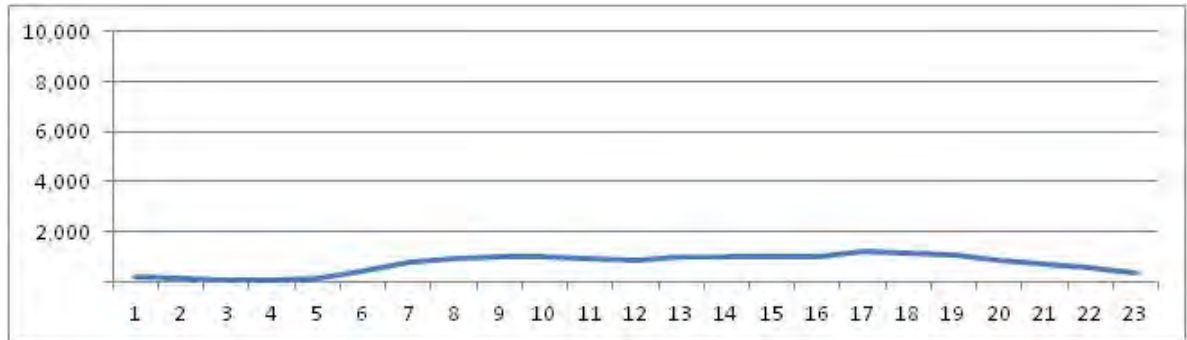


No.	Point	Towards
15	Praia Botafogo prox. n210 e R. Farani	

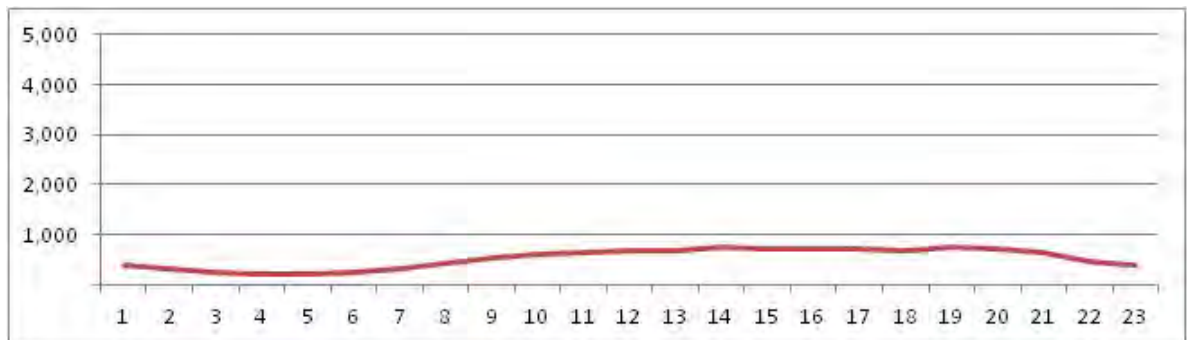
[Location]



[Weekday]

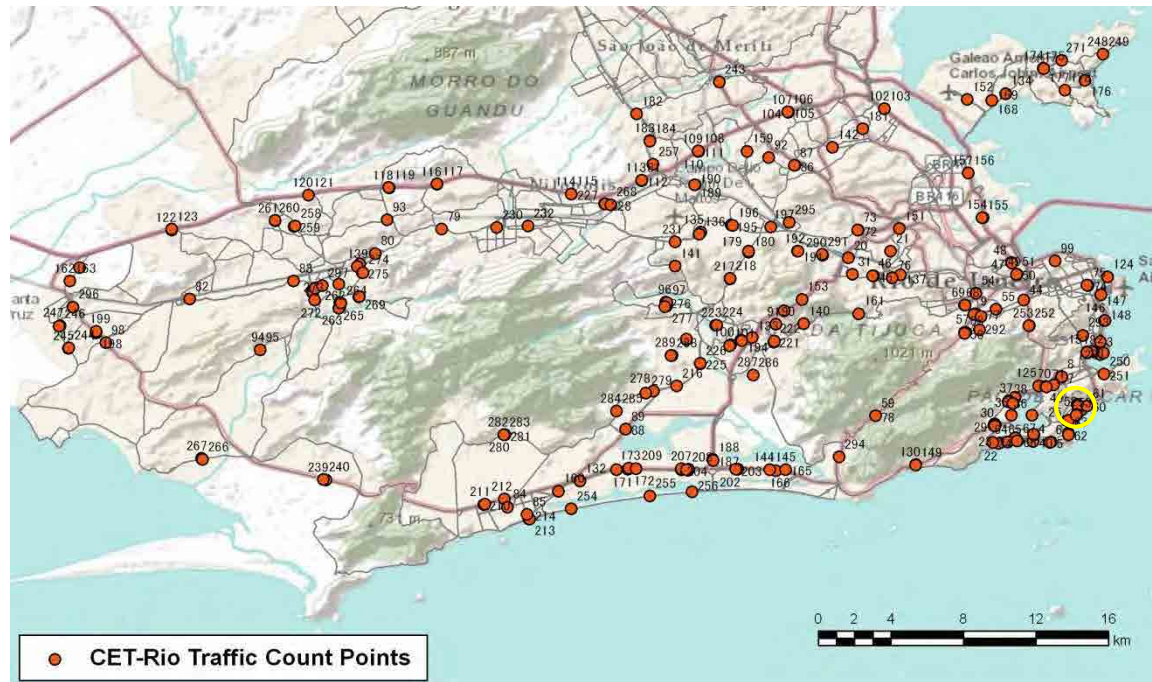


[Weekend]

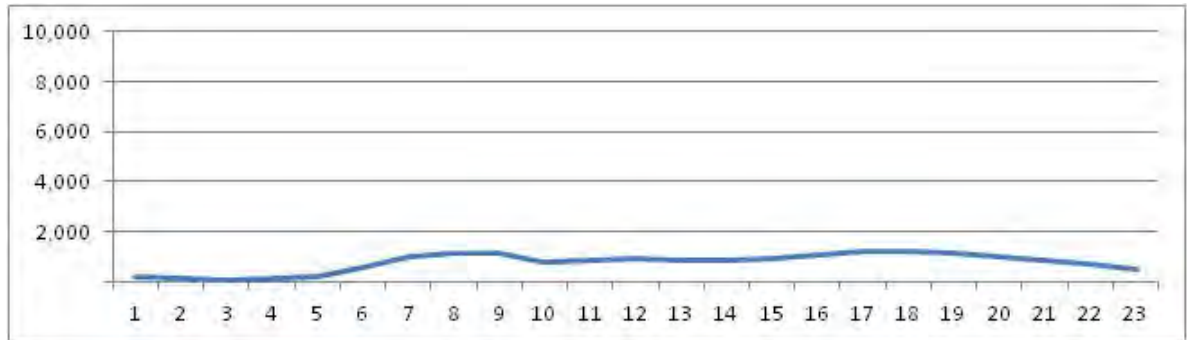


No.	Point	Towards
16	Rua BarataRibeiro prox n370 e SiqueiraCampos	

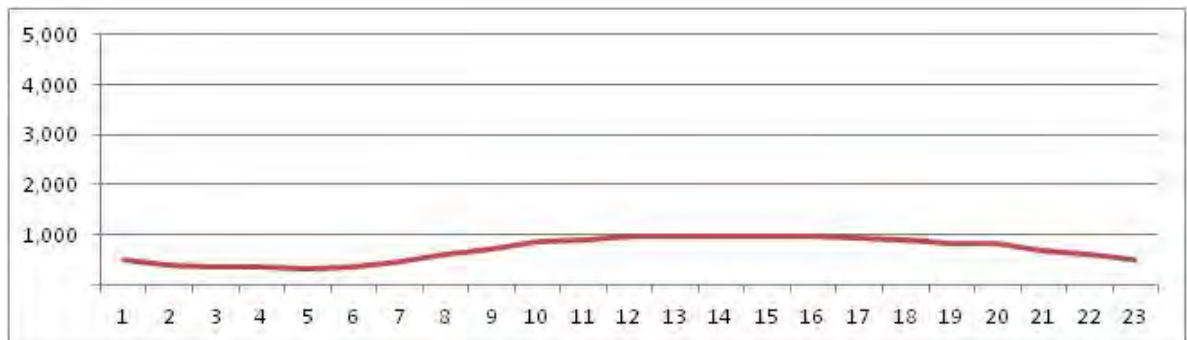
[Location]



[Weekday]

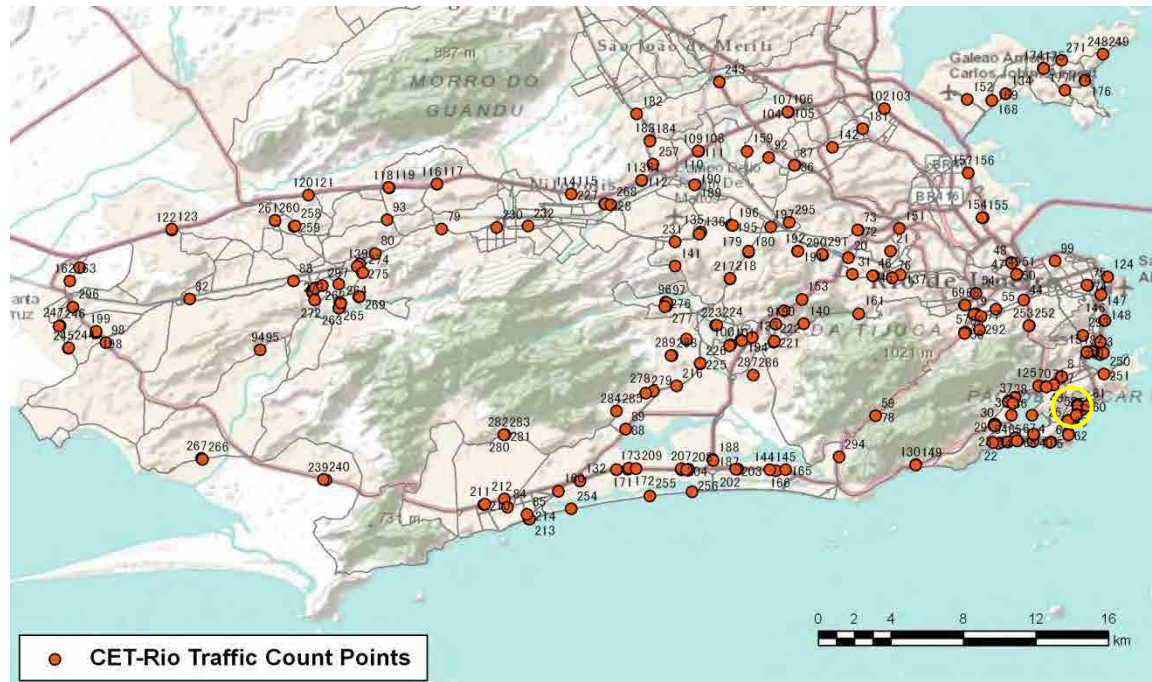


[Weekend]

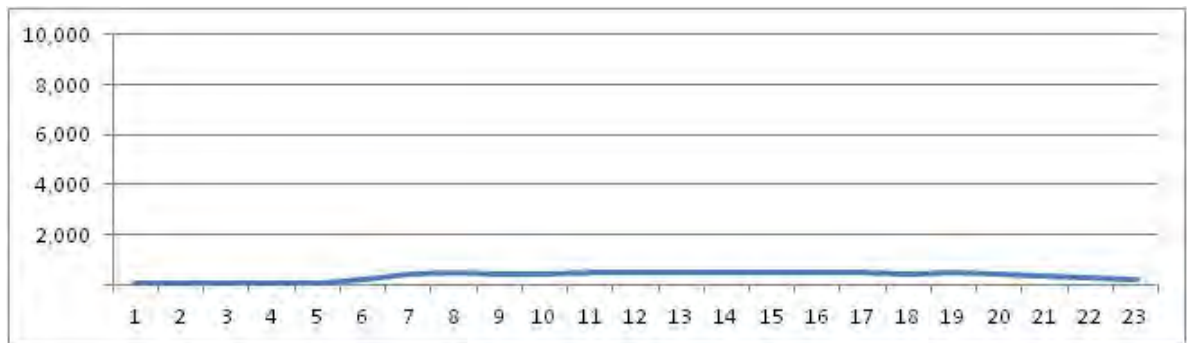


No.	Point	Towards
17	Rua Siqueira Campos prox n85 e Barata Ribeiro	

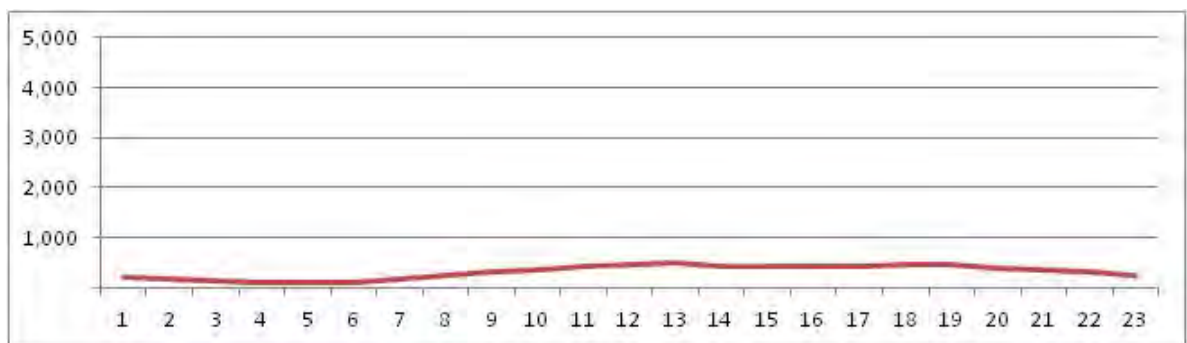
[Location]



[Weekday]

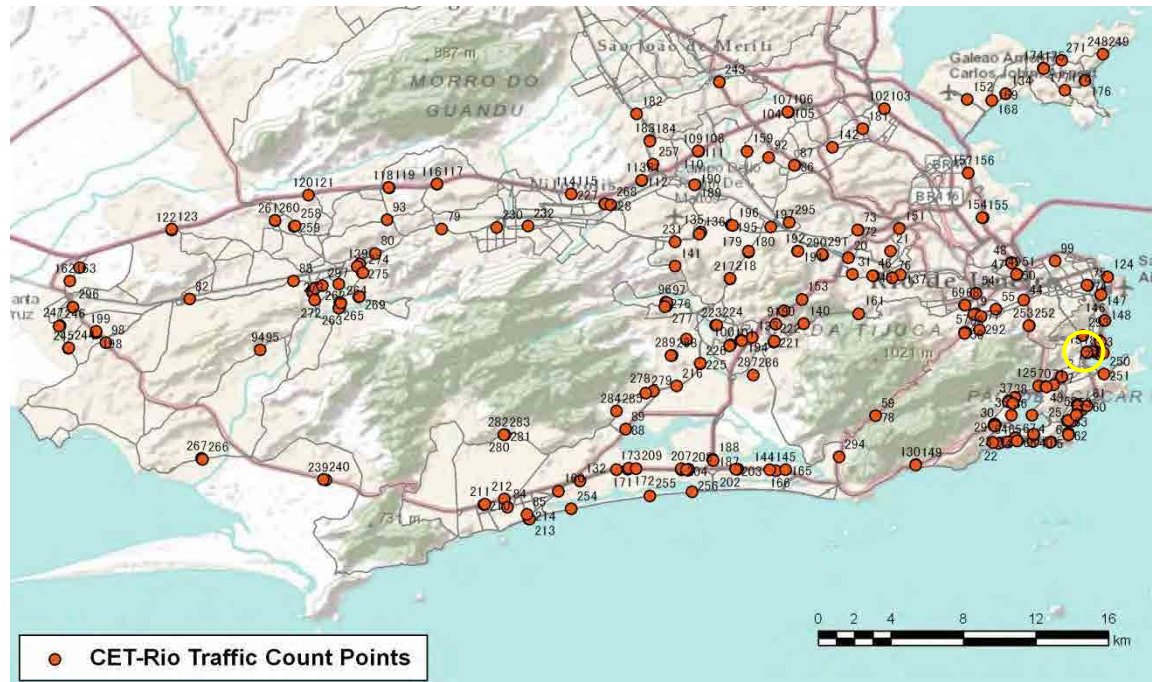


[Weekend]

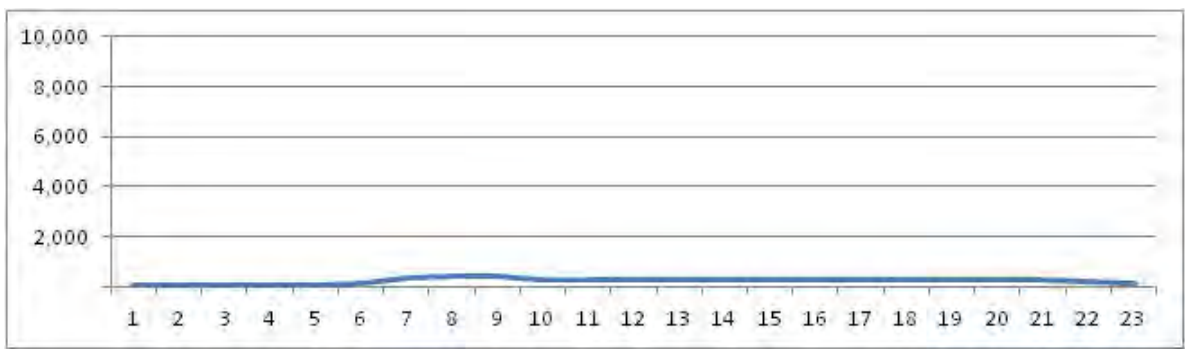


No.	Point	Towards
18	R Farani prox canteiro central Praia Botafogo	

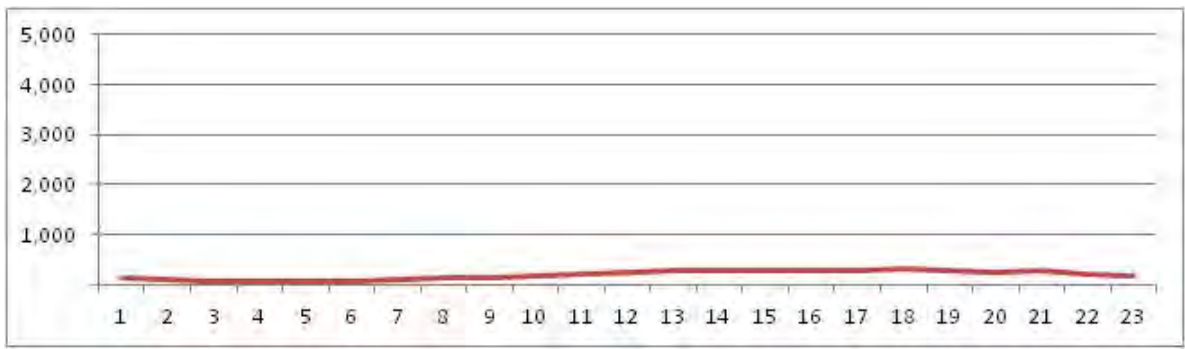
[Location]



[Weekday]

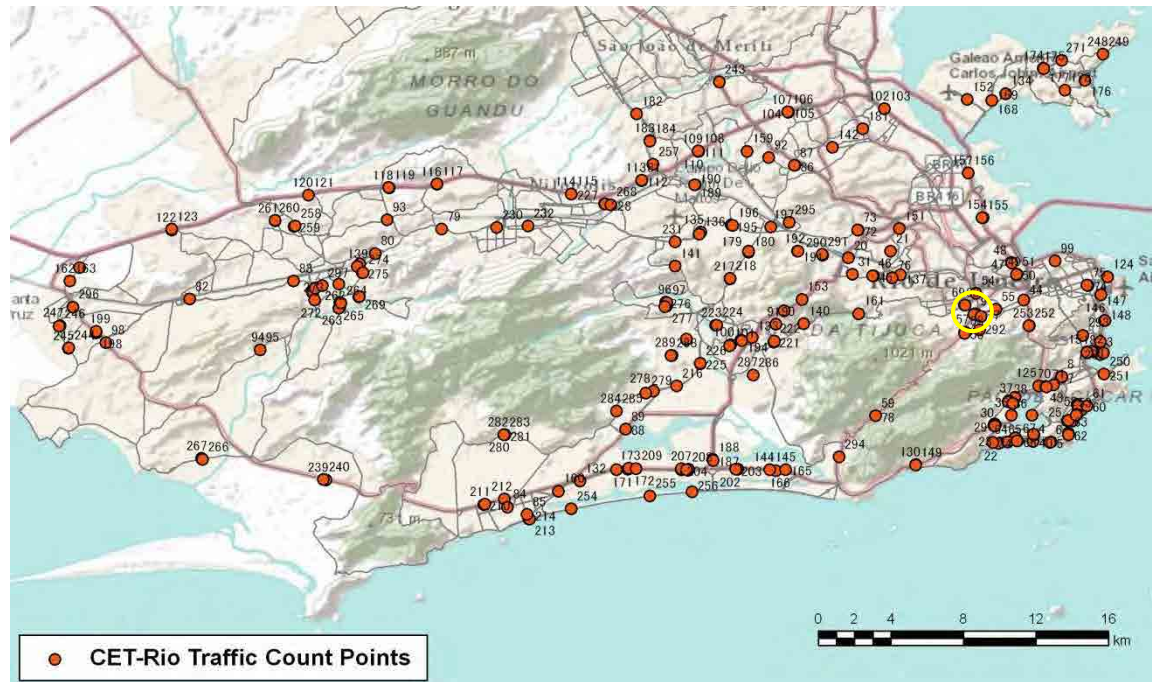


[Weekend]

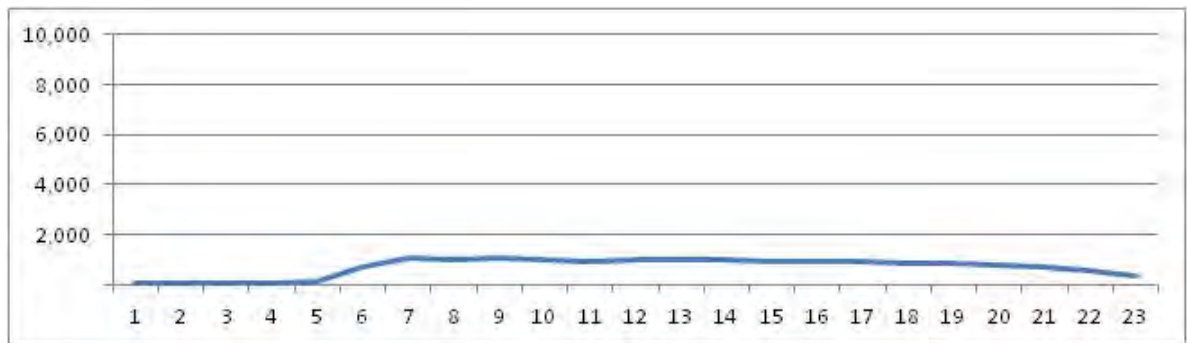


No.	Point	Towards
19	R Pereira Nunes prox ao n17 e a Av Maracana	

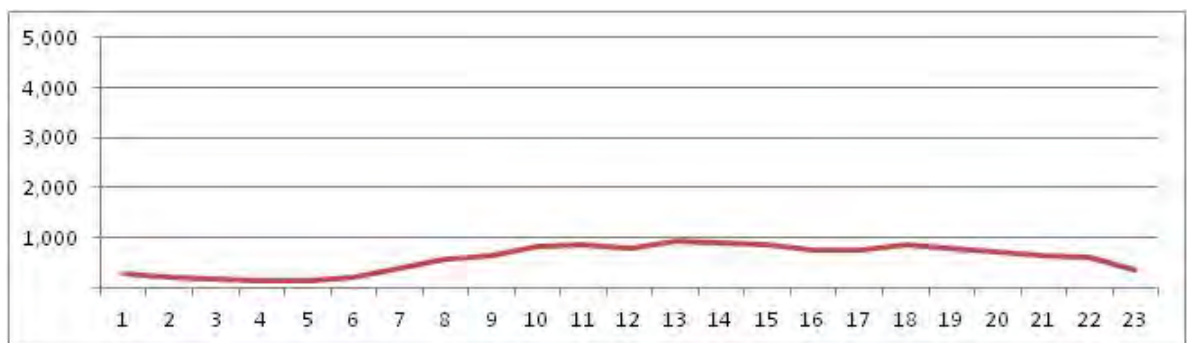
[Location]



[Weekday]

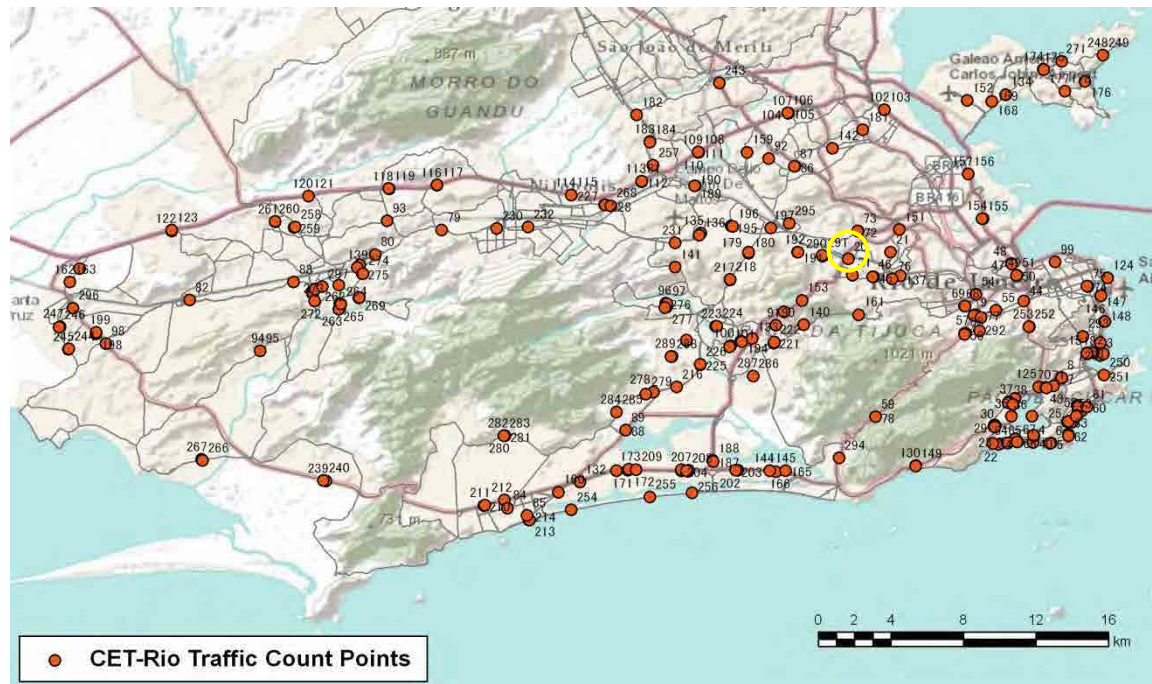


[Weekend]

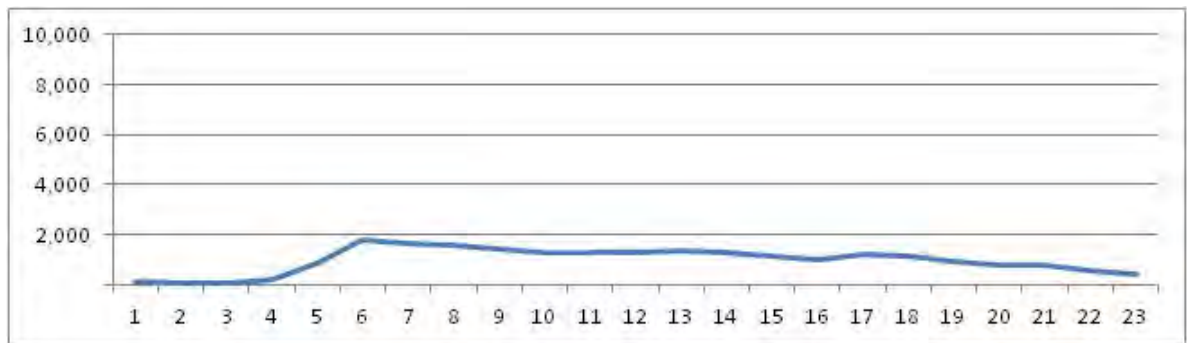


No.	Point	Towards
20	R Goias proximo ao n124	

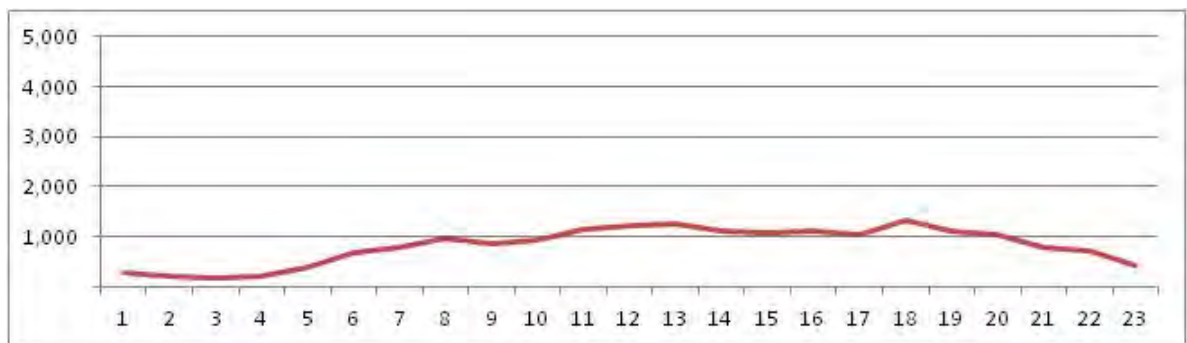
[Location]



[Weekday]

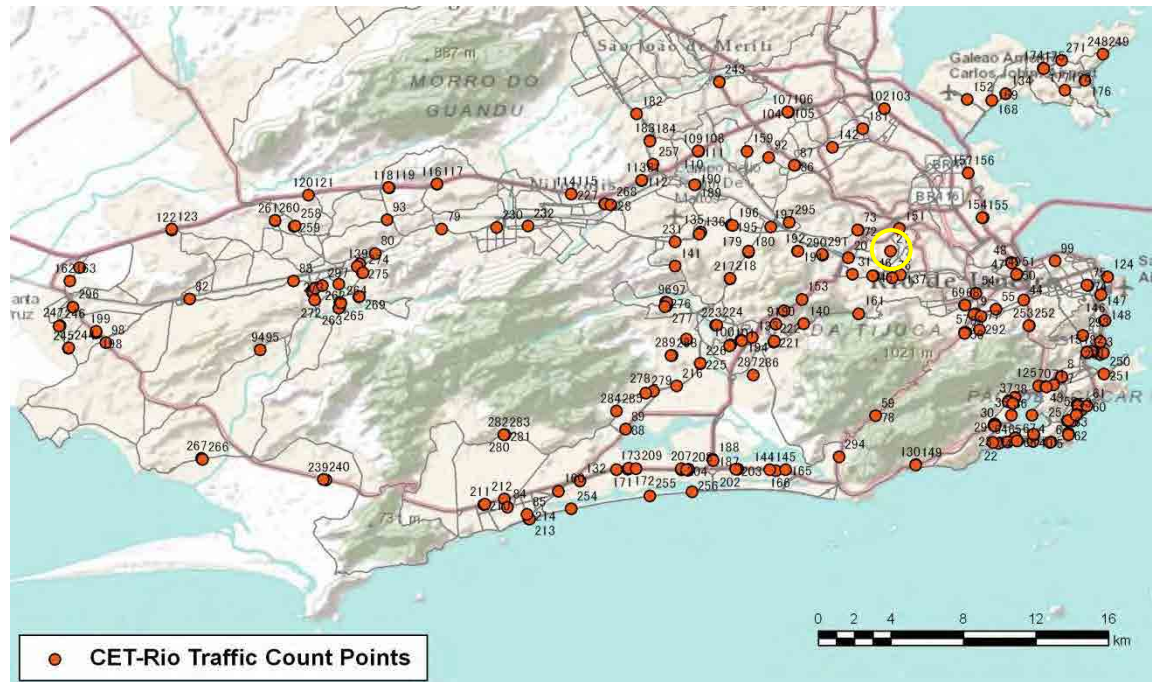


[Weekend]

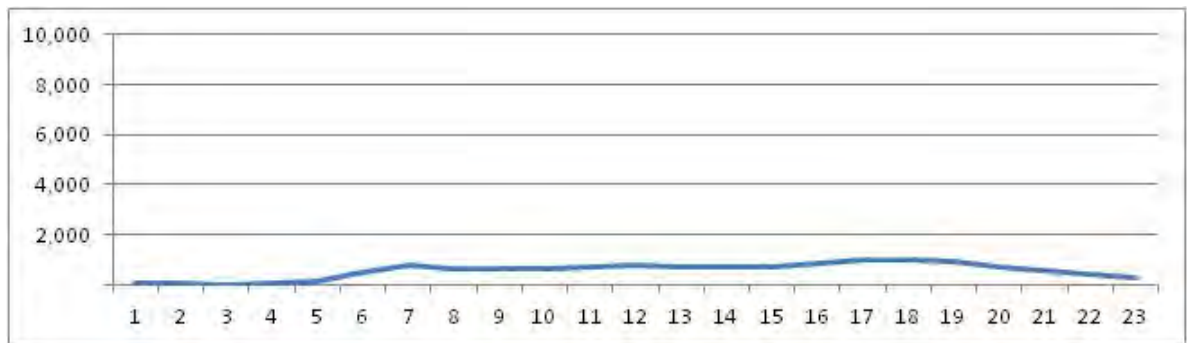


No.	Point	Towards
21	R Cirne Maia proximo n31	

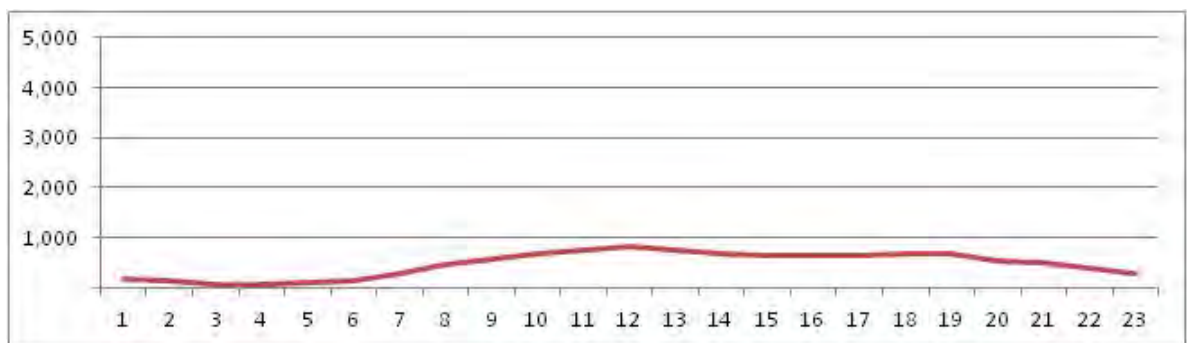
[Location]



[Weekday]

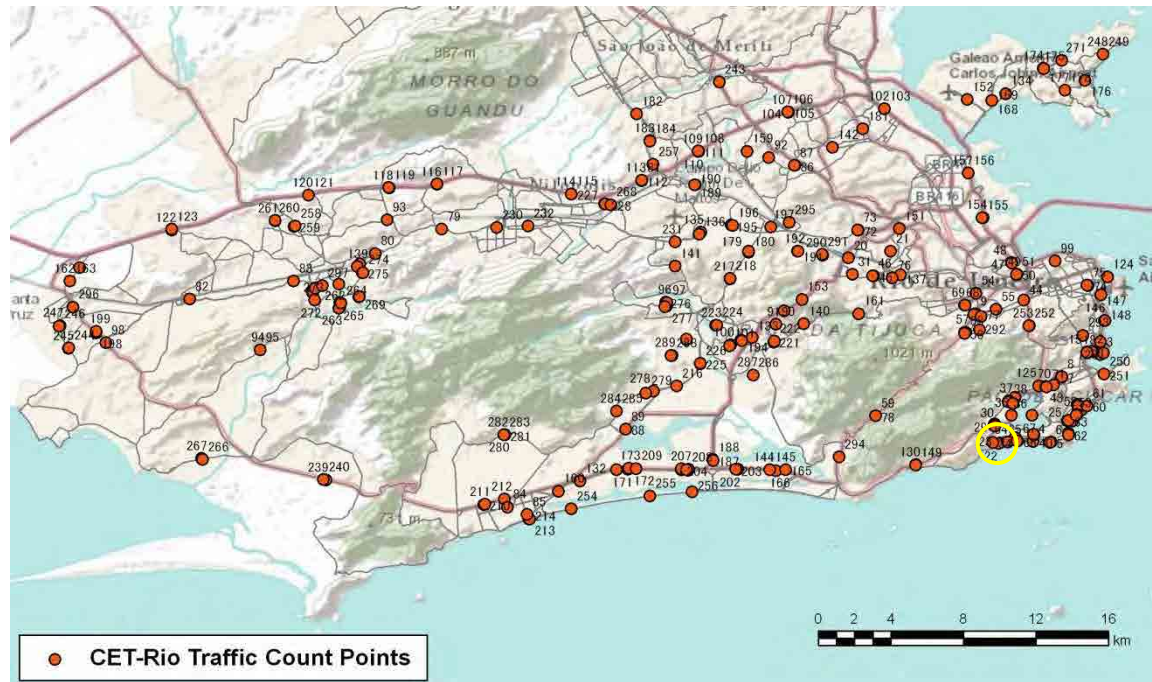


[Weekend]

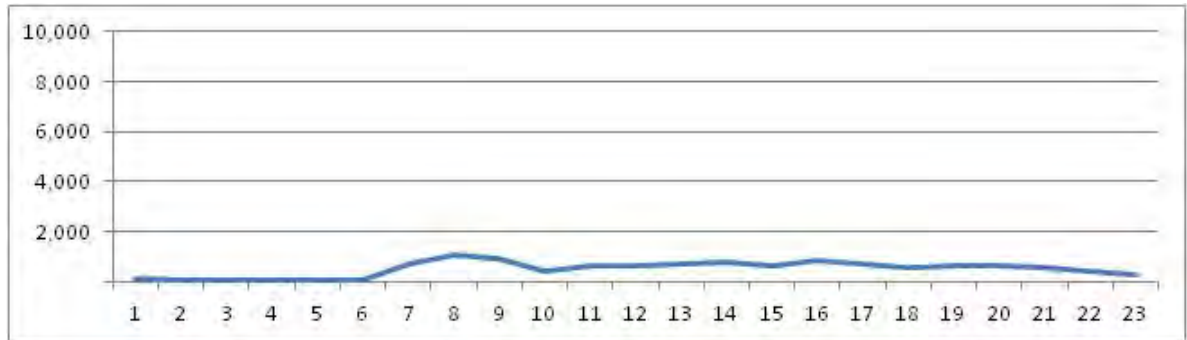


No.	Point	Towards
22	Av Delfim Moreira prox ao n820	Niemeyer

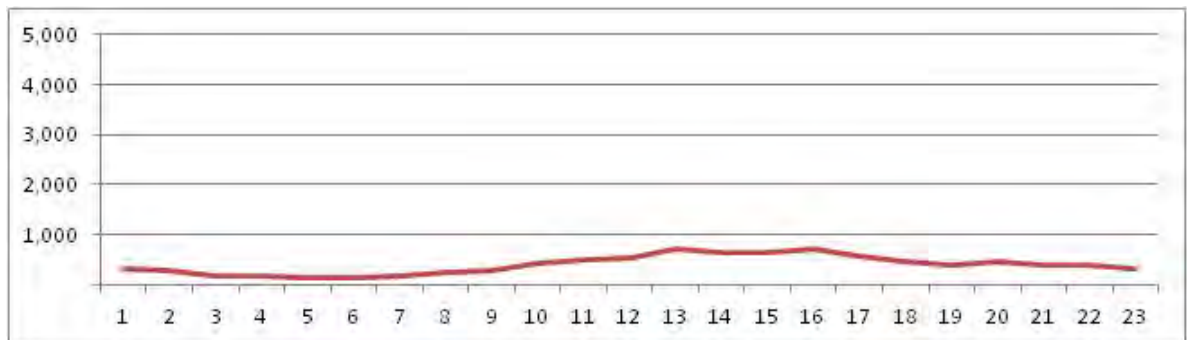
[Location]



[Weekday]

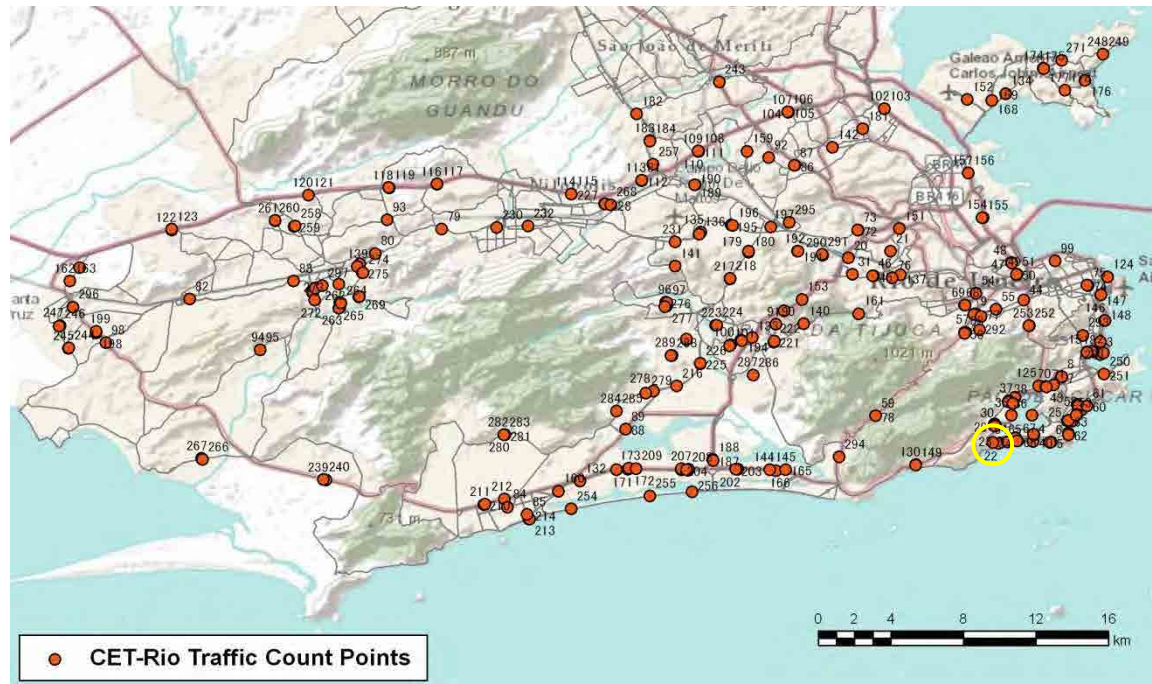


[Weekend]

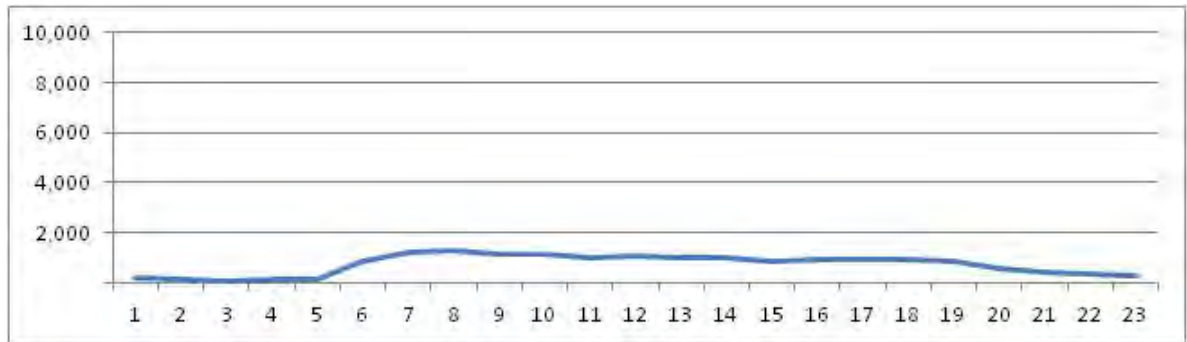


No.	Point	Towards
23	Av Defin Moreira prox n900	Ipanema

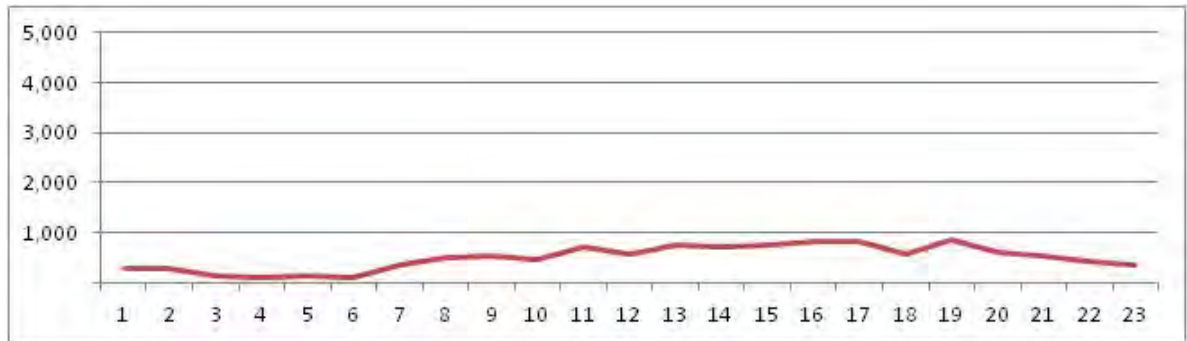
[Location]



[Weekday]

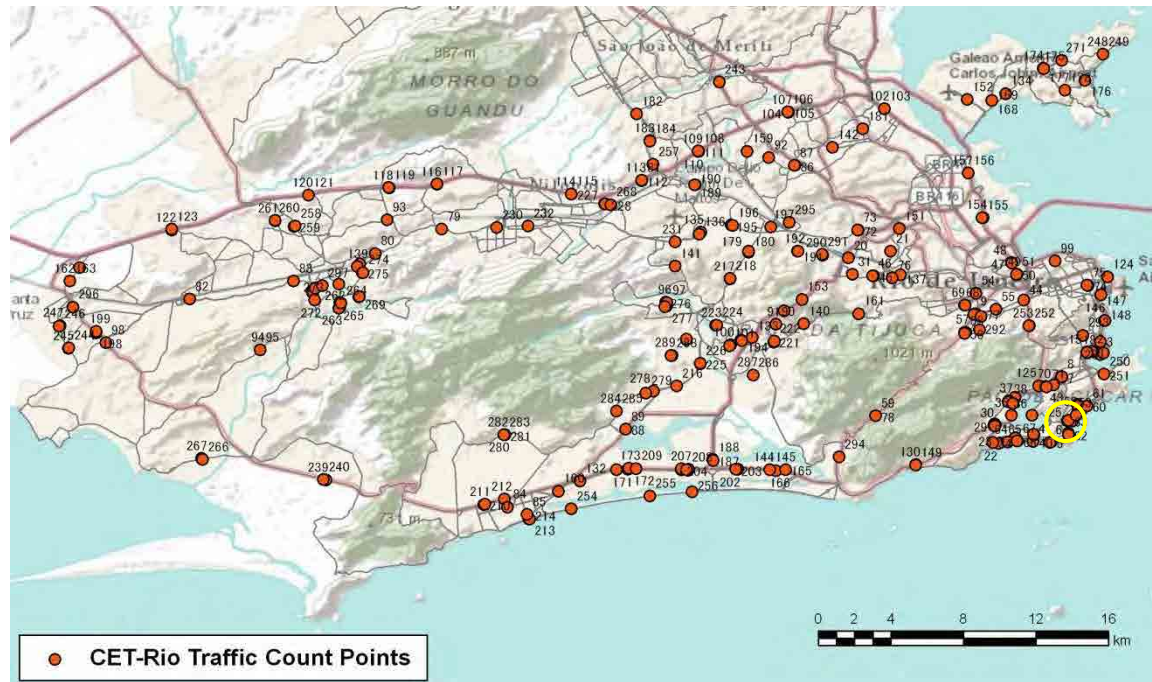


[Weekend]

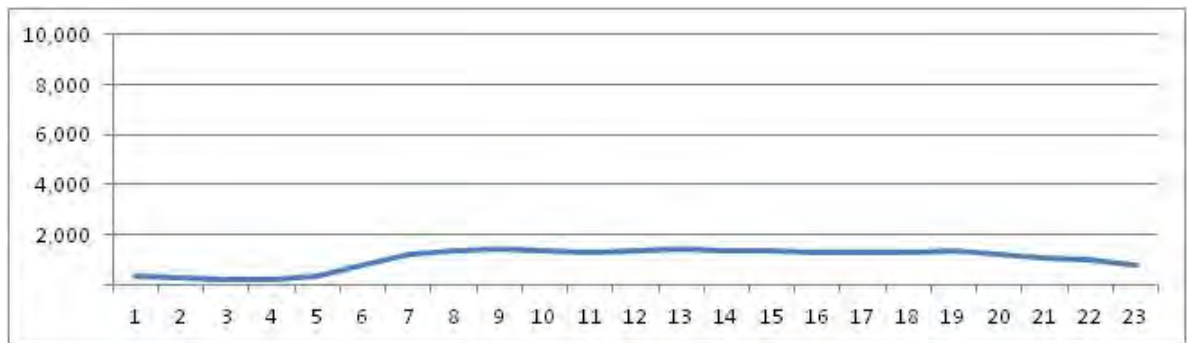


No.	Point	Towards
24	Av N. S. de Copacabana prox ao n956	

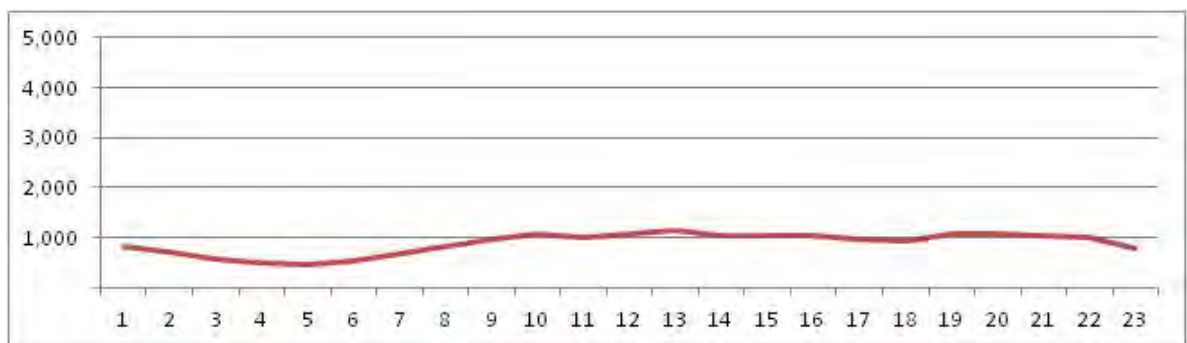
[Location]



[Weekday]

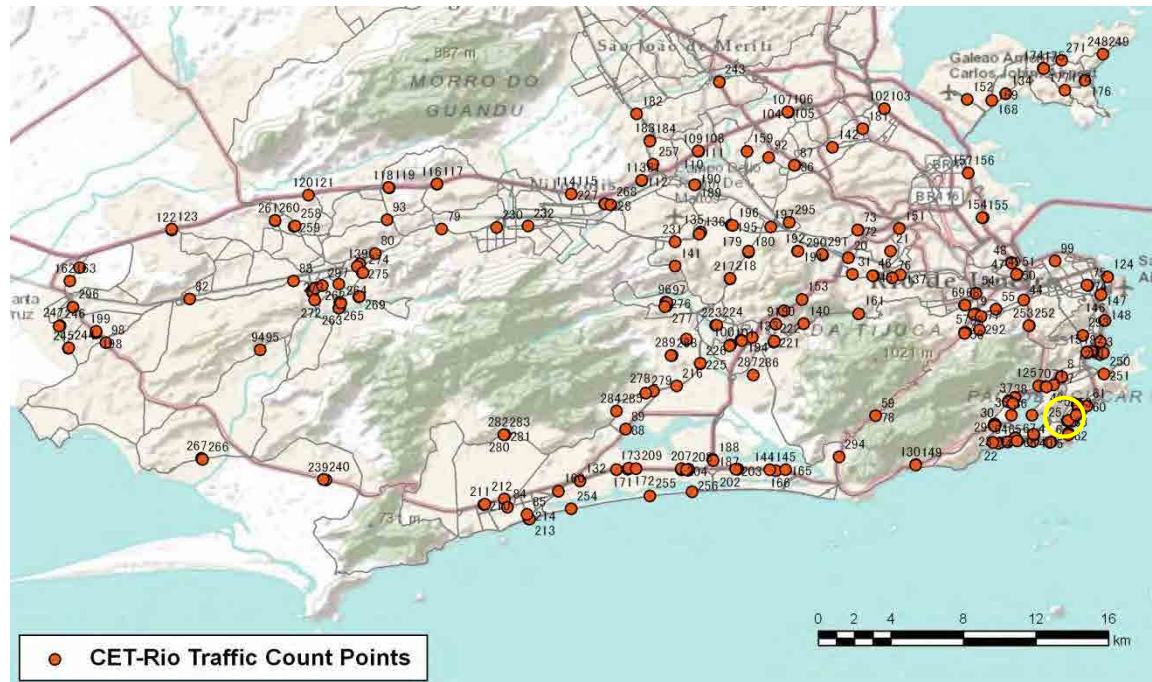


[Weekend]

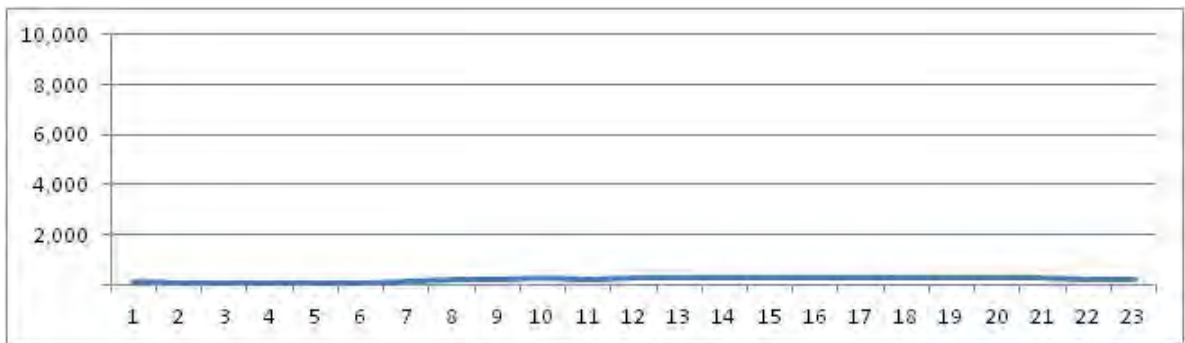


No.	Point	Towards
25	Rua Bolivar prox ao n45	

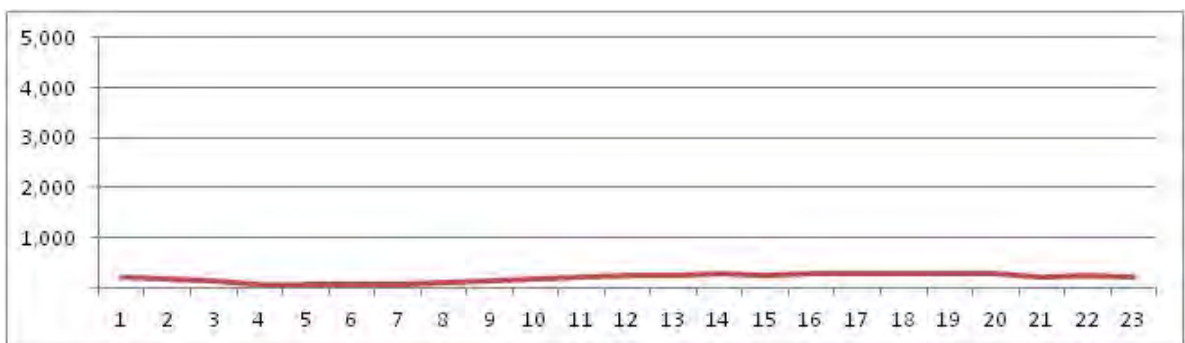
[Location]



[Weekday]

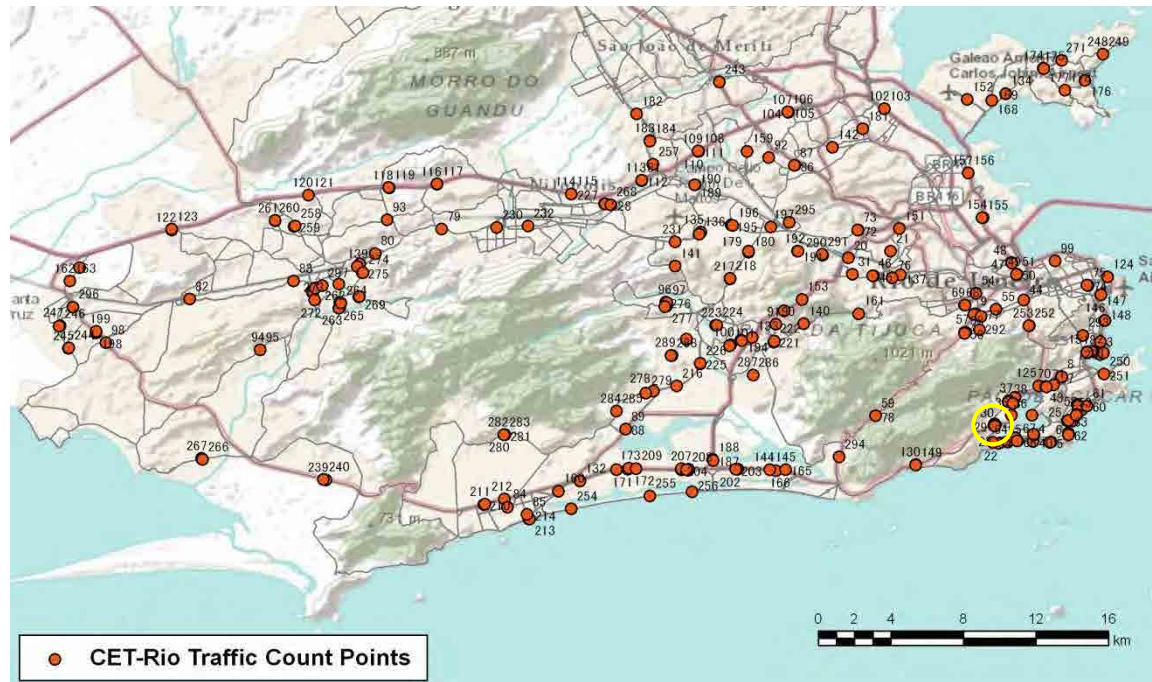


[Weekend]

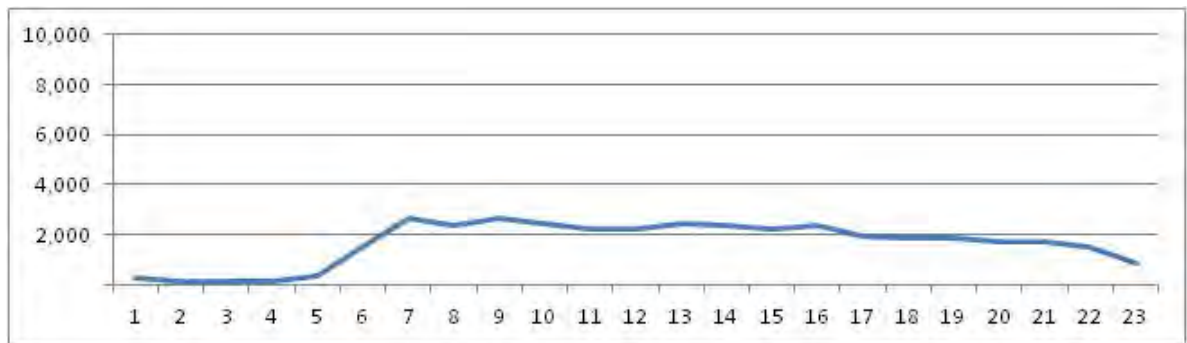


No.	Point	Towards
26	R. Mario Ribeiro proximo a Av. Rodrigo Otavio	

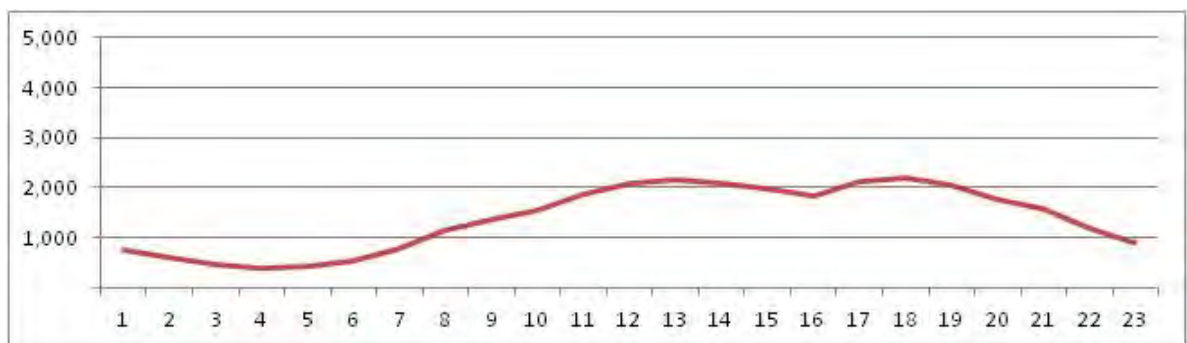
[Location]



[Weekday]

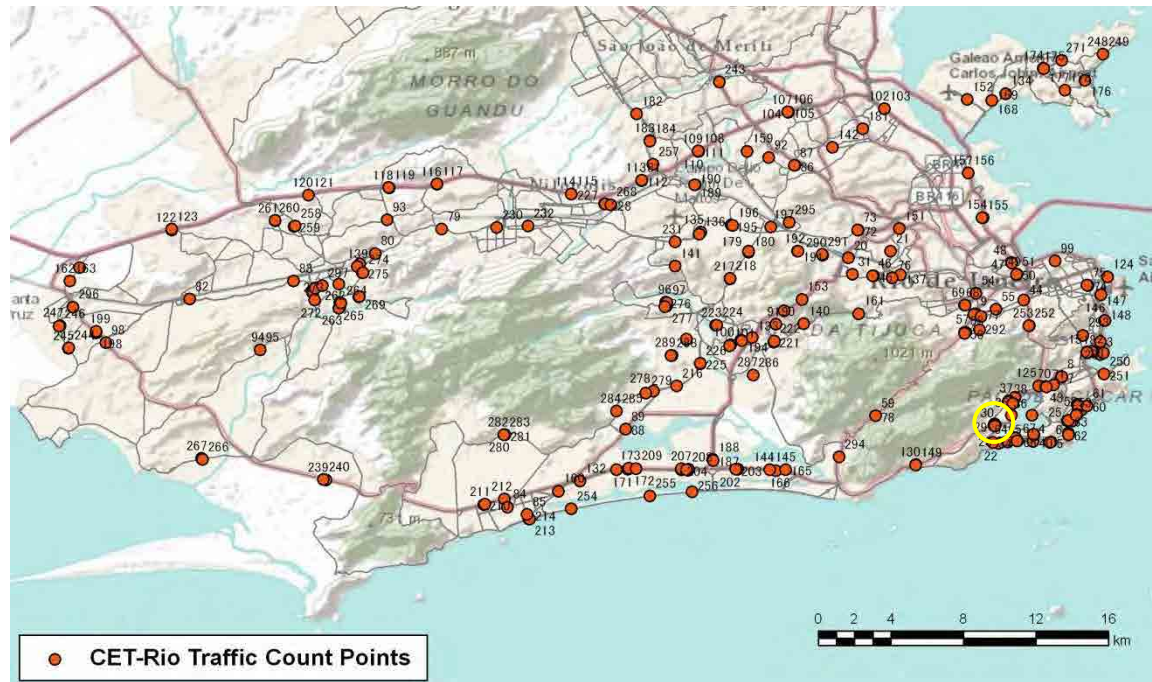


[Weekend]

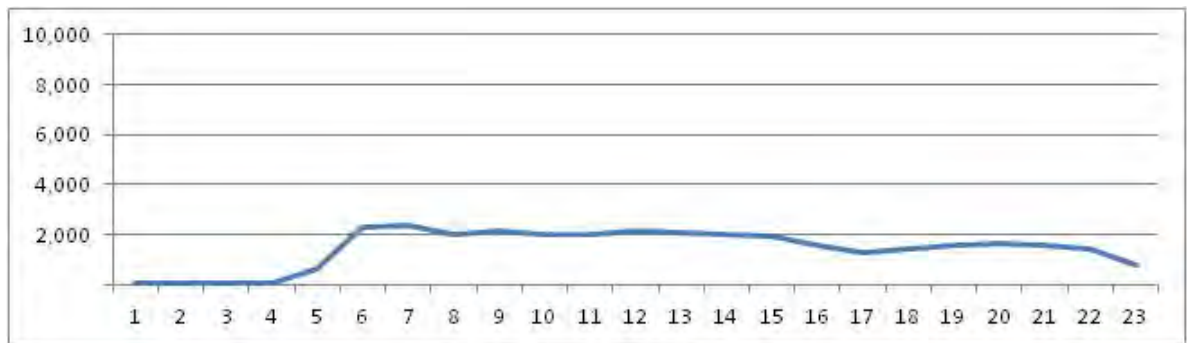


No.	Point	Towards
27	Av Pe Leonel França prox R Visc de Albuquerque	

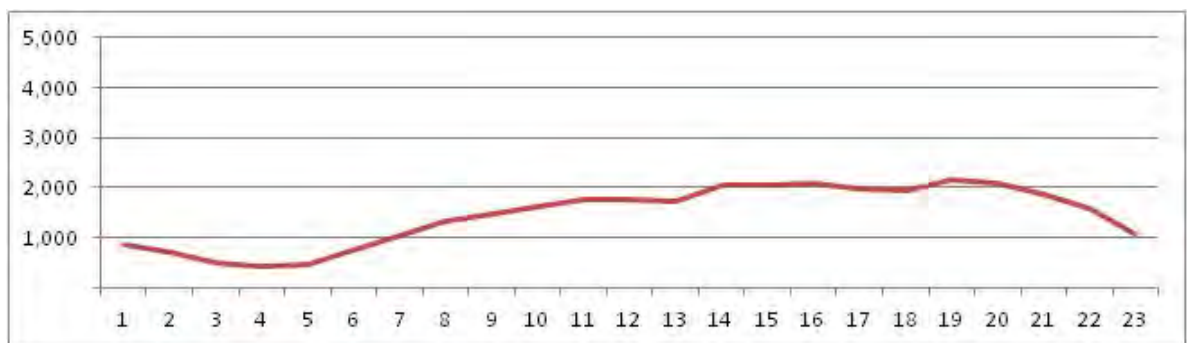
[Location]



[Weekday]

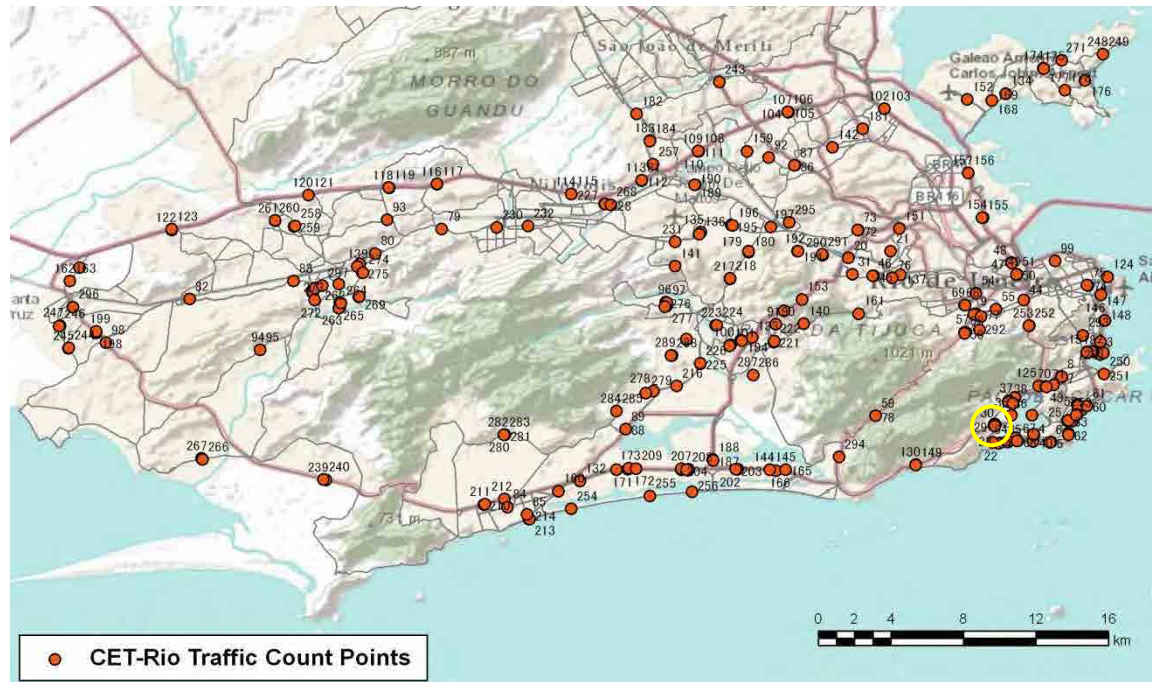


[Weekend]

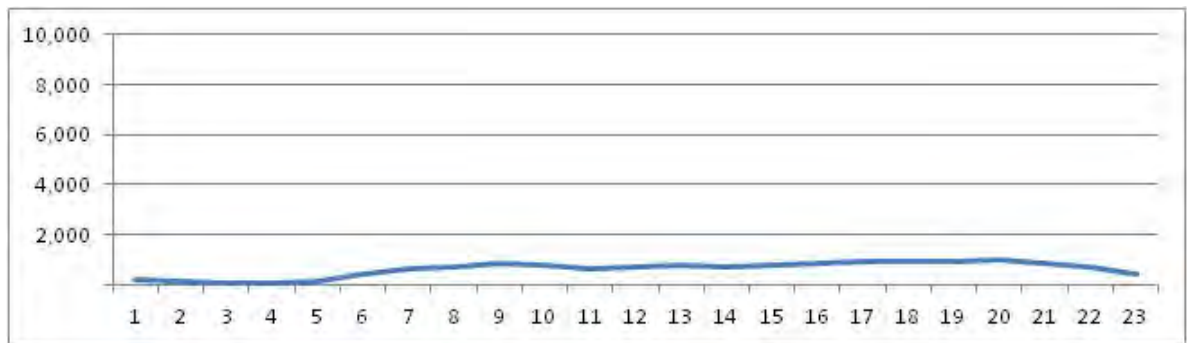


No.	Point	Towards
28	Av. Rodrigo Otavio proximo a Pca. Sibelius	

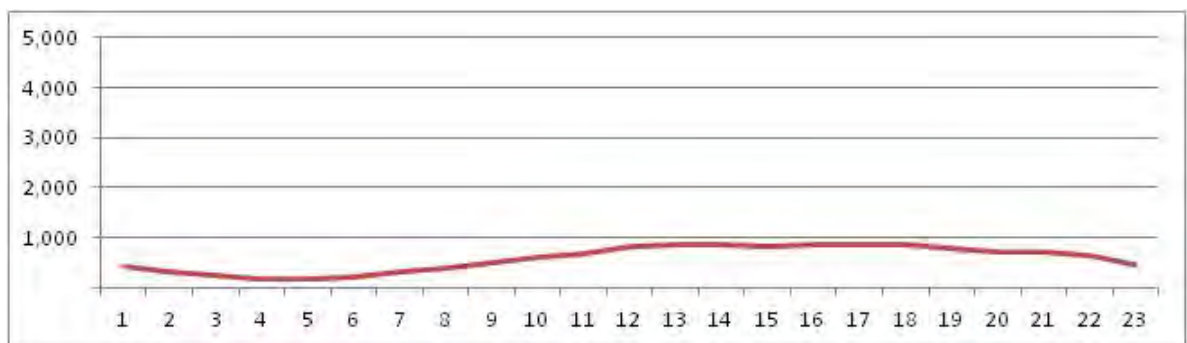
[Location]



[Weekday]

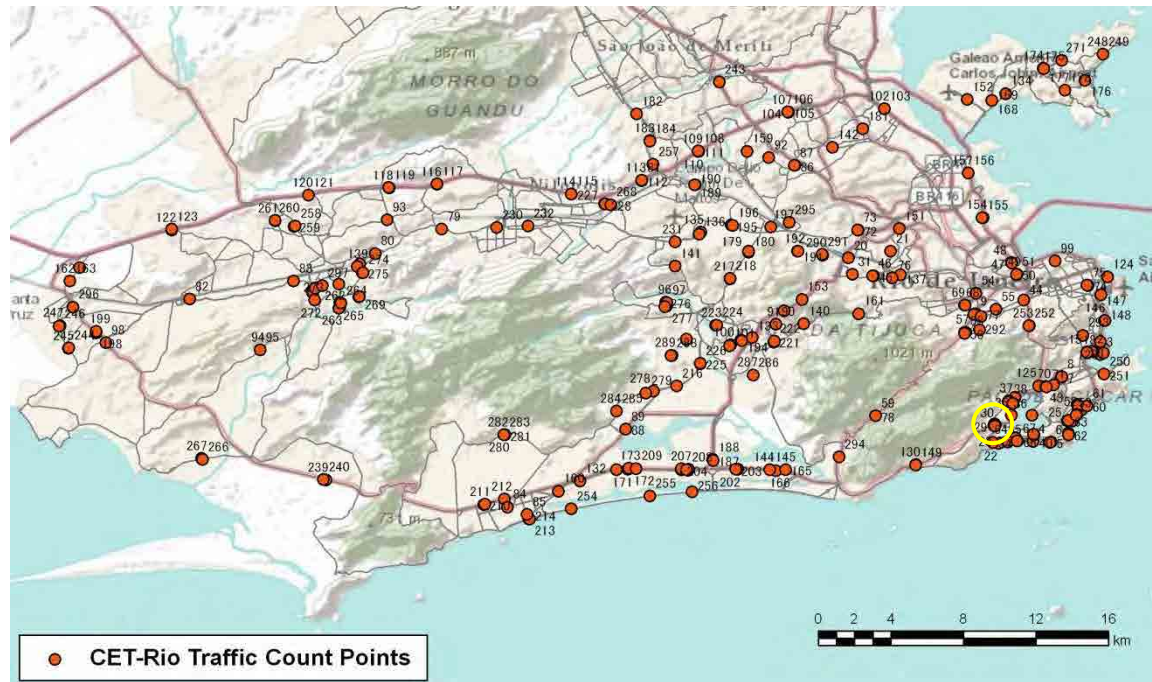


[Weekend]

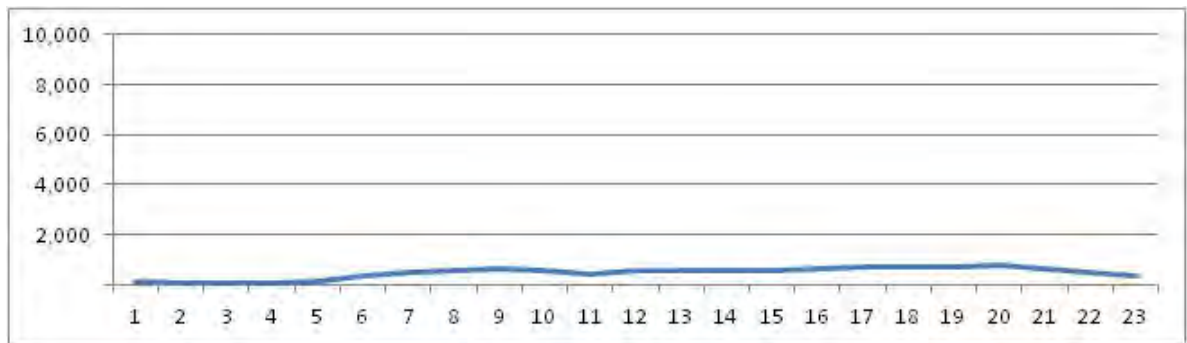


No.	Point	Towards
29	Av. Rodrigo Otavio proximo a R. Artur Artu Araripe	

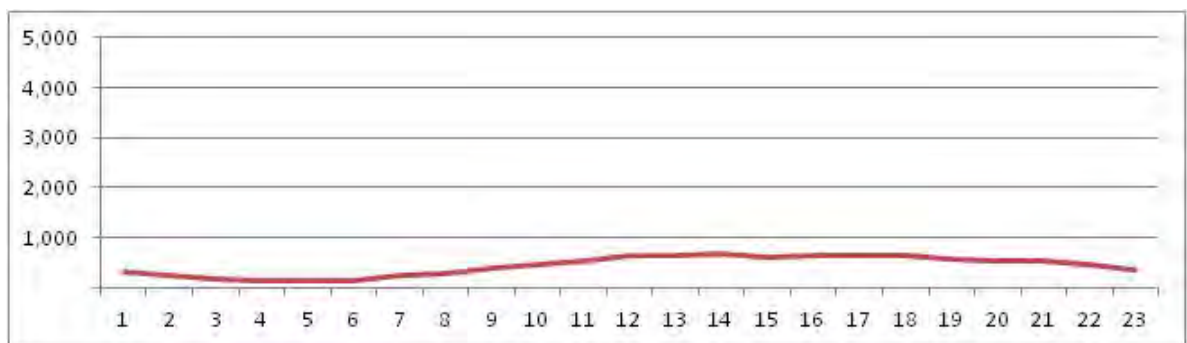
[Location]



[Weekday]

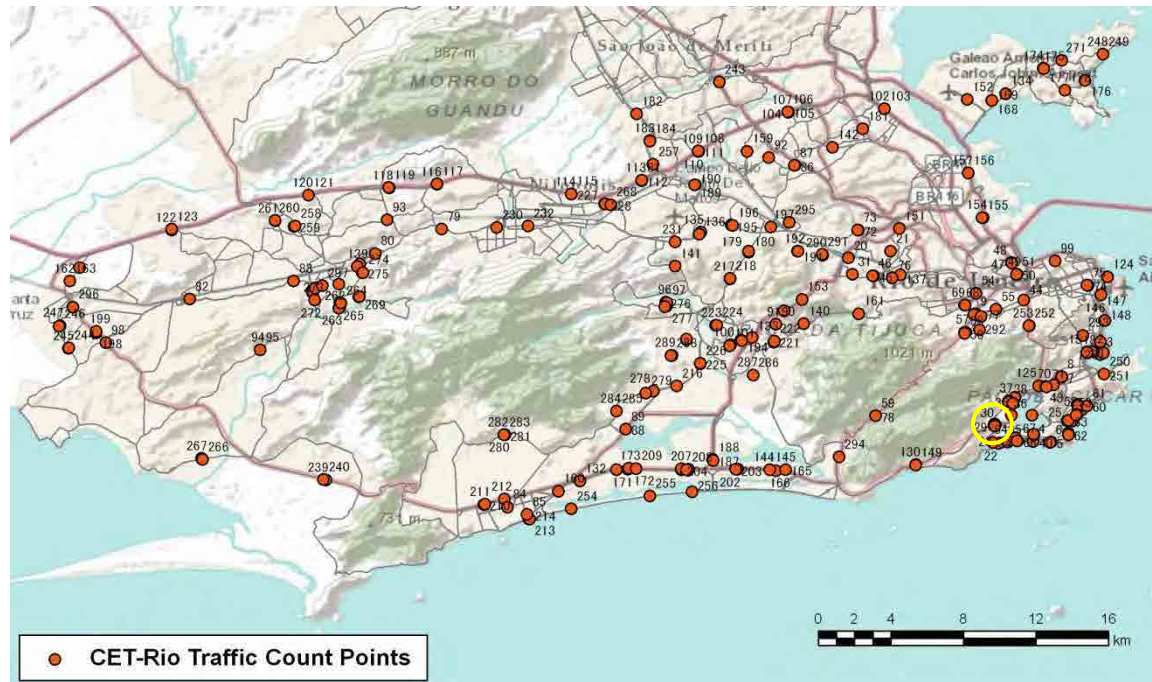


[Weekend]

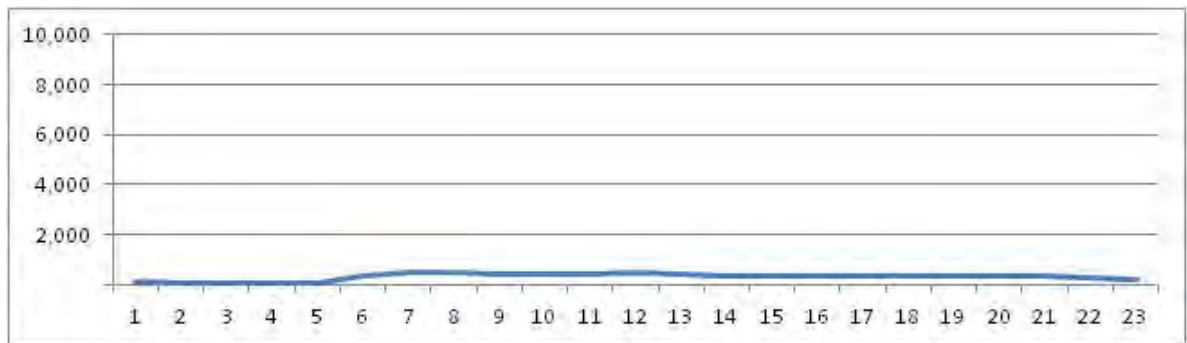


No.	Point	Towards
30	R Visconde de Albuquerque proximo ao n1228	

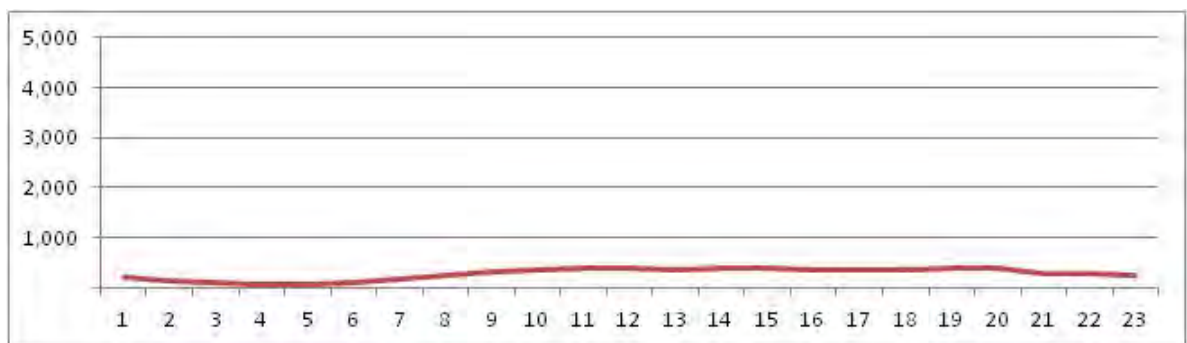
[Location]



[Weekday]

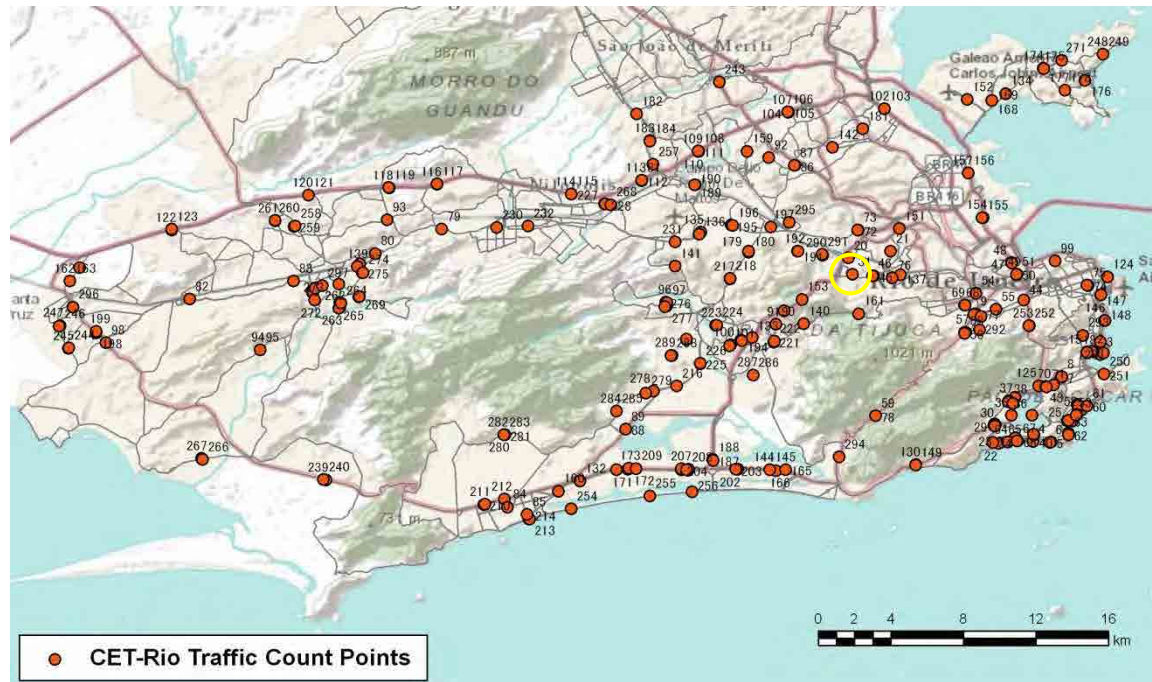


[Weekend]

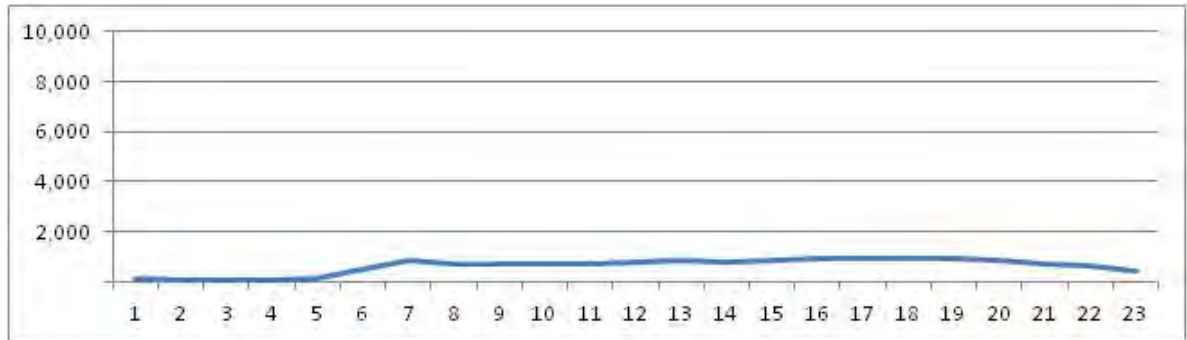


No.	Point	Towards
31	Rua Dias da Cruz proximo ao n827	

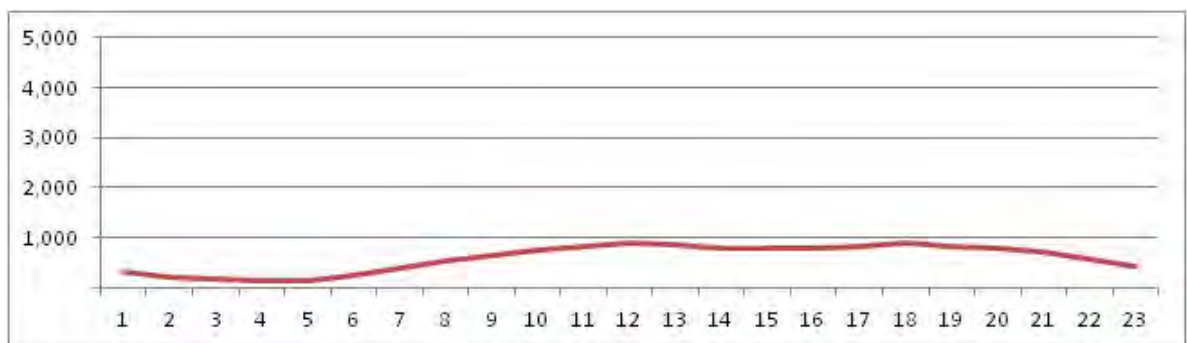
[Location]



[Weekday]

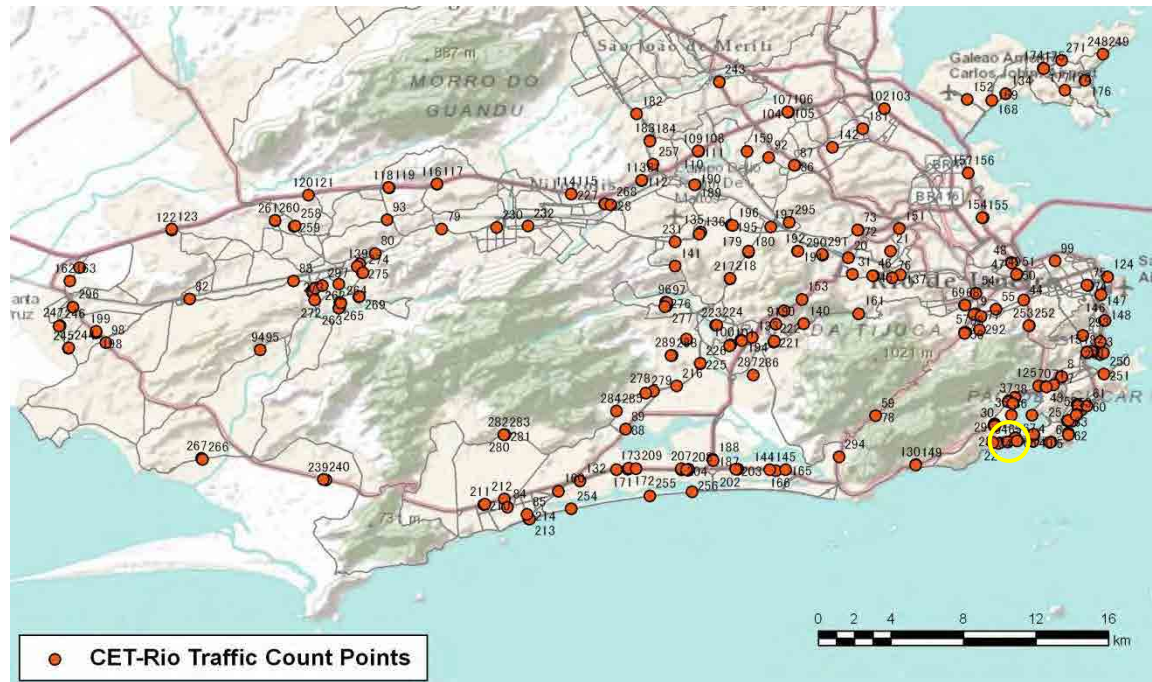


[Weekend]

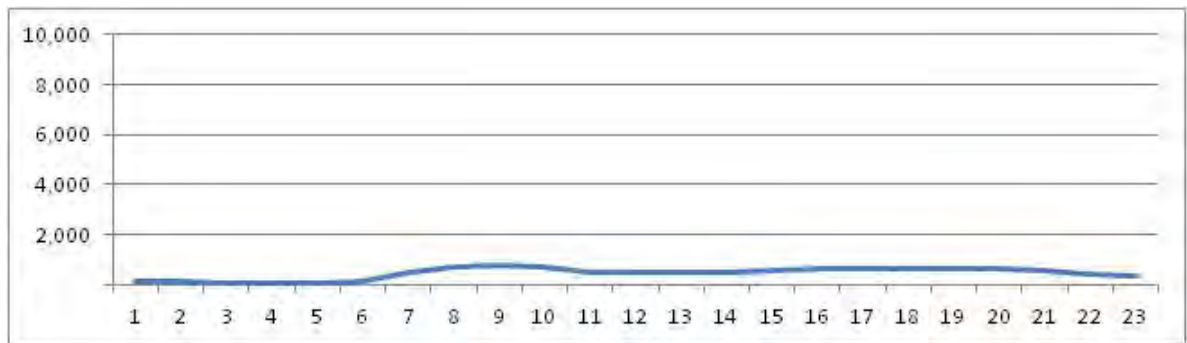


No.	Point	Towards
32	Av Gal San Martin prox. Av Borges de Medeiros	

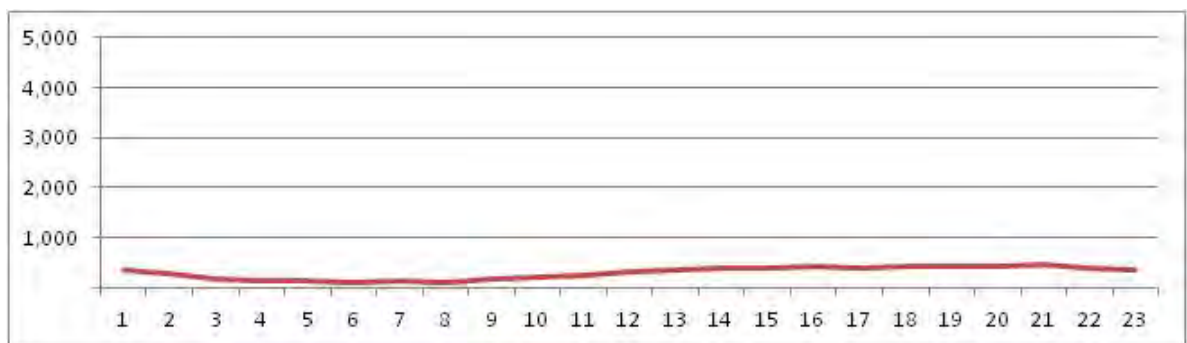
[Location]



[Weekday]

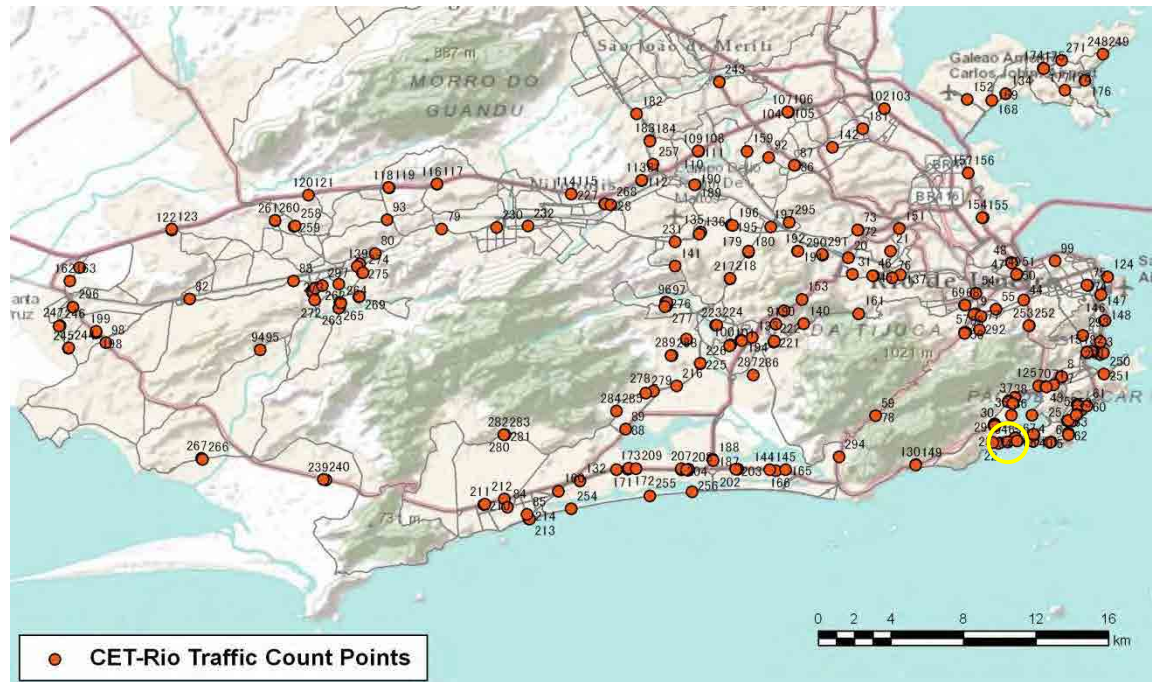


[Weekend]

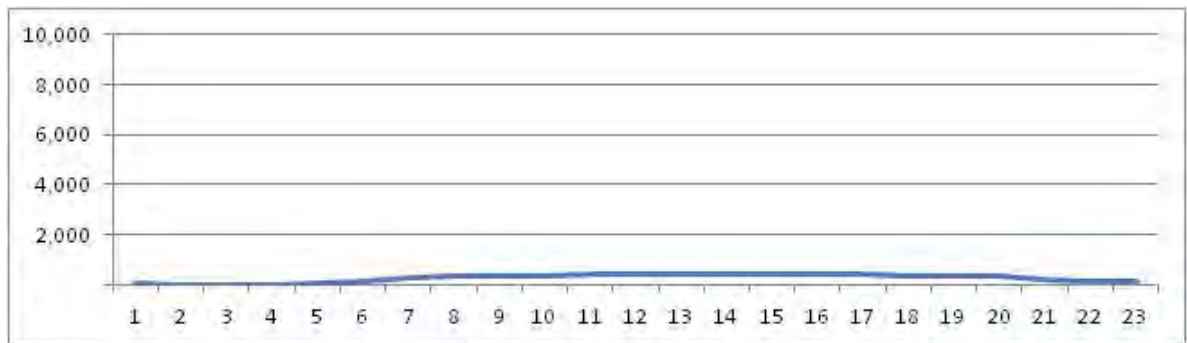


No.	Point	Towards
33	Av Borges de Medeiros proximo ao n179	

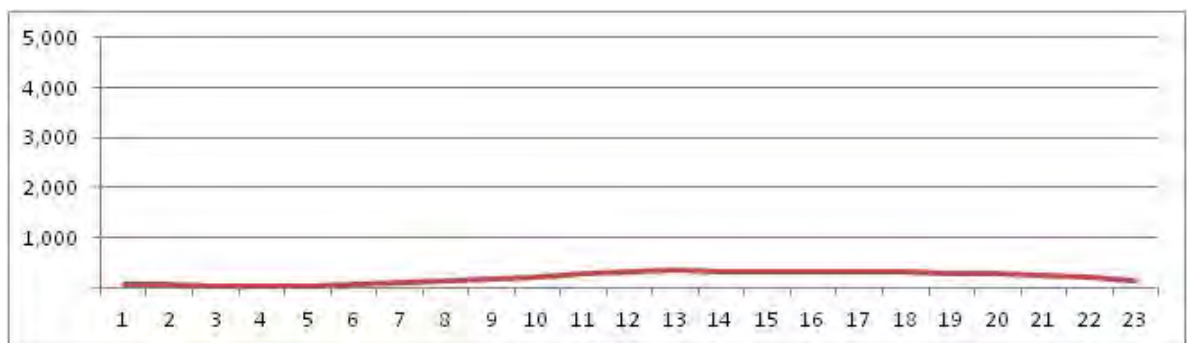
[Location]



[Weekday]

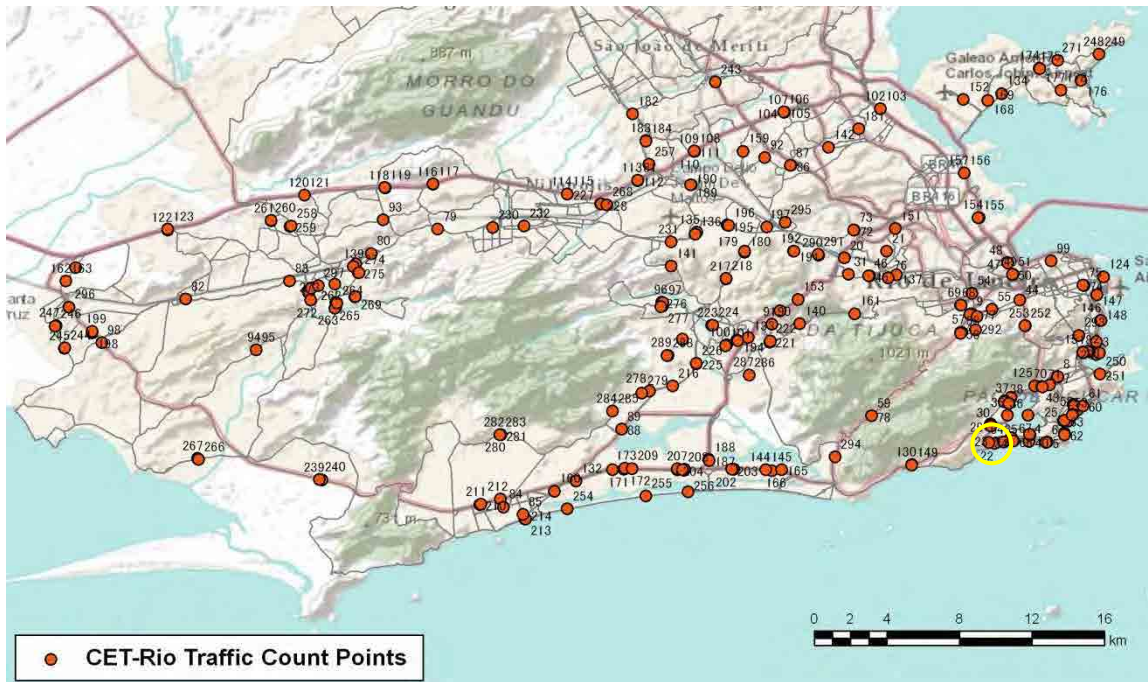


[Weekend]

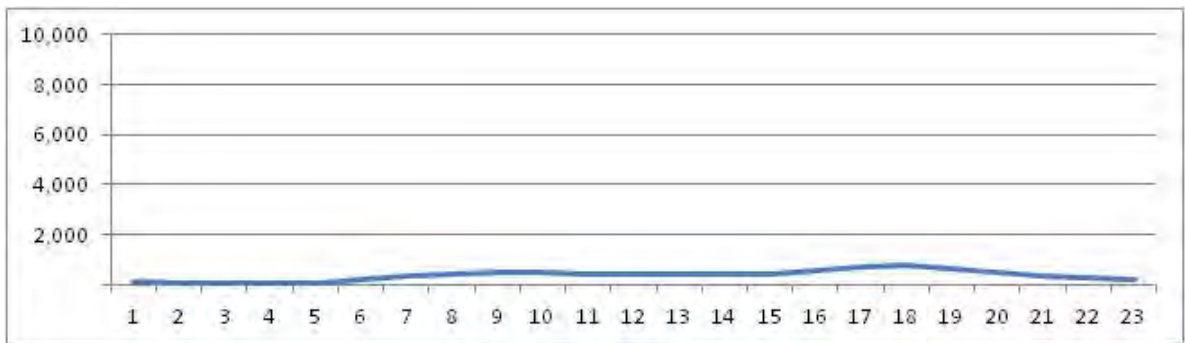


No.	Point	Towards
34	Av Gal San Martin proximo ao n1159	

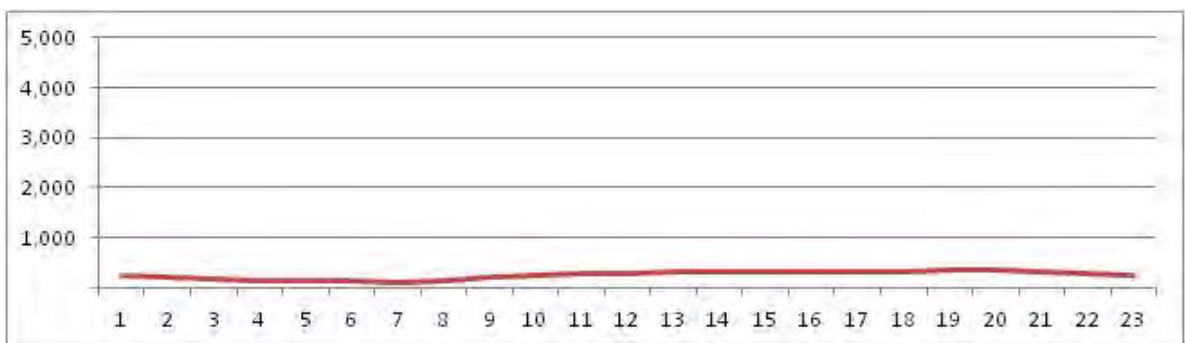
[Location]



[Weekday]

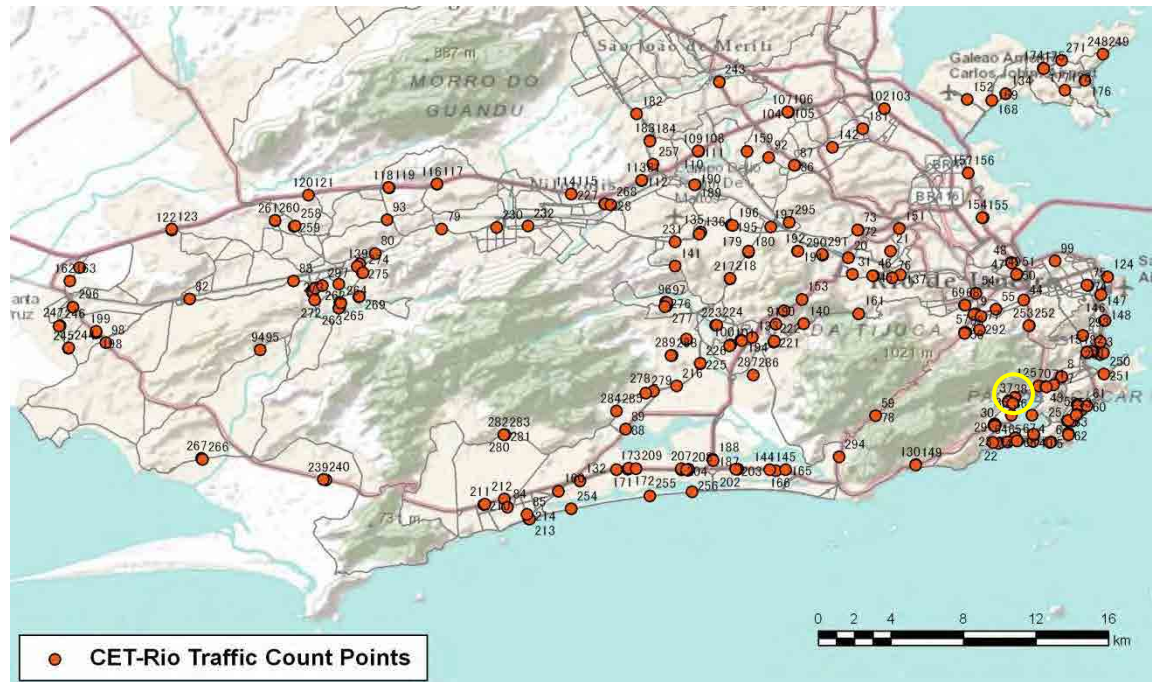


[Weekend]

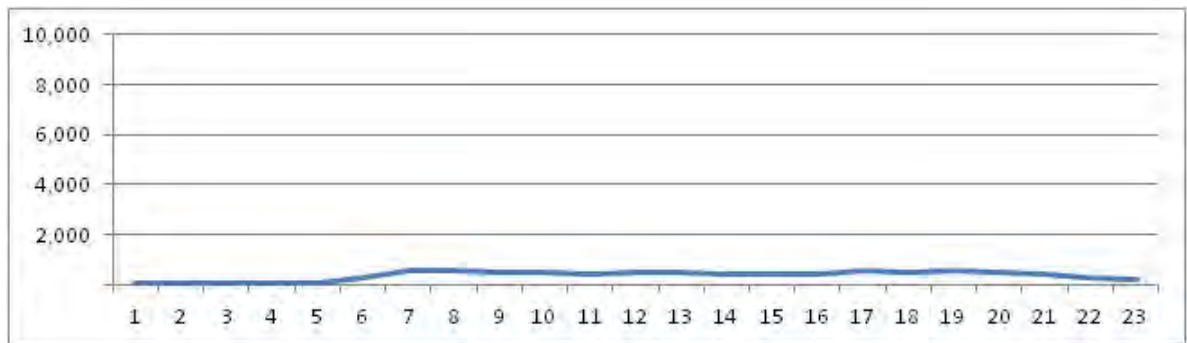


No.	Point	Towards
35	Av Lineu de Paula Machado proximo ao n-720	

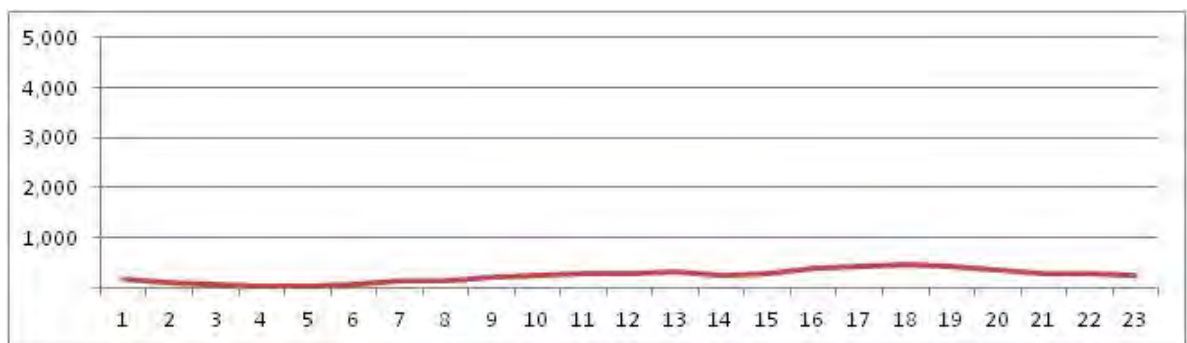
[Location]



[Weekday]

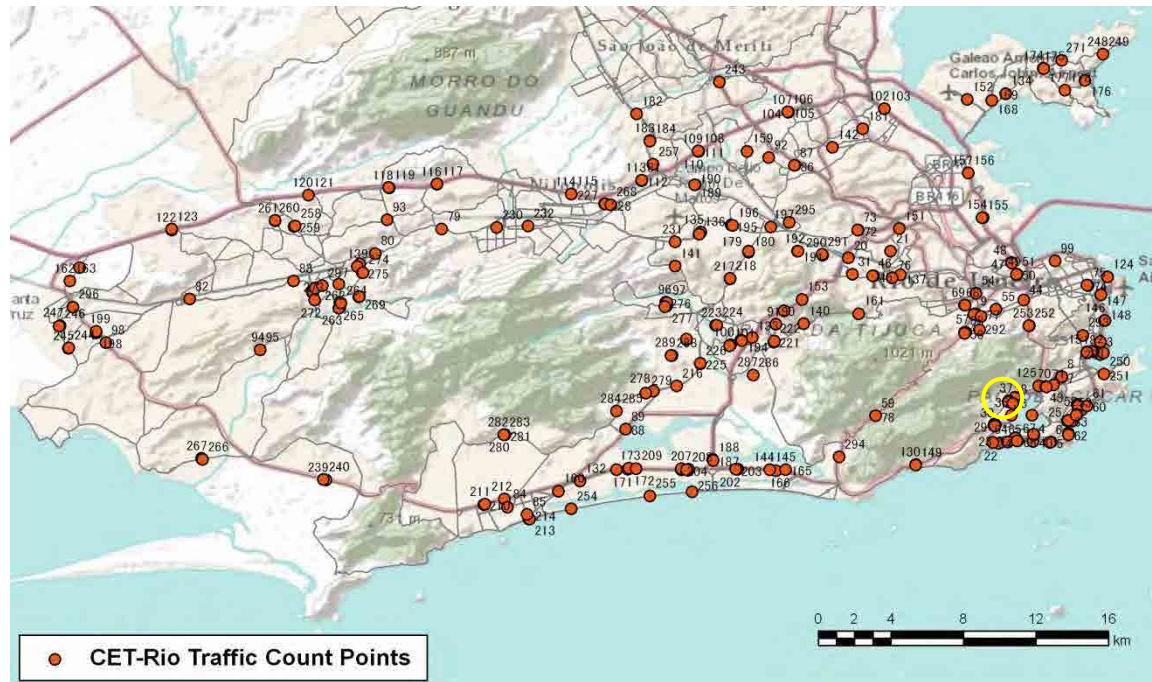


[Weekend]

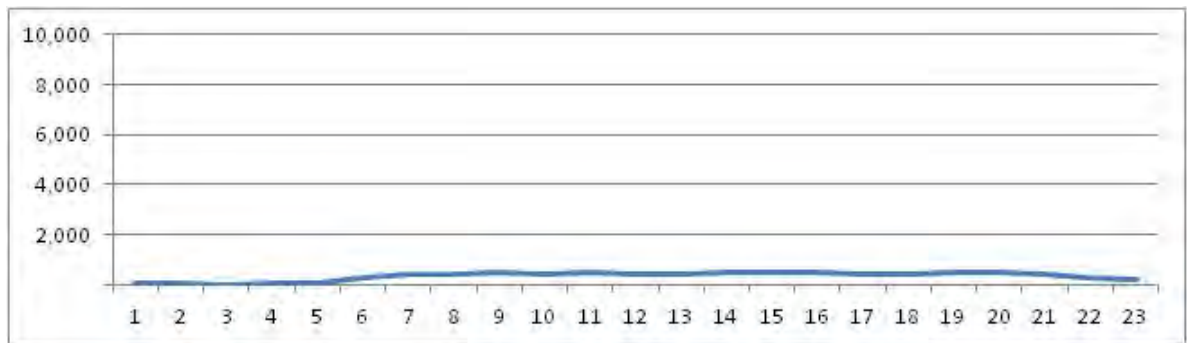


No.	Point	Towards
36	R. Pacheco Leao prox. n-38	Gavea

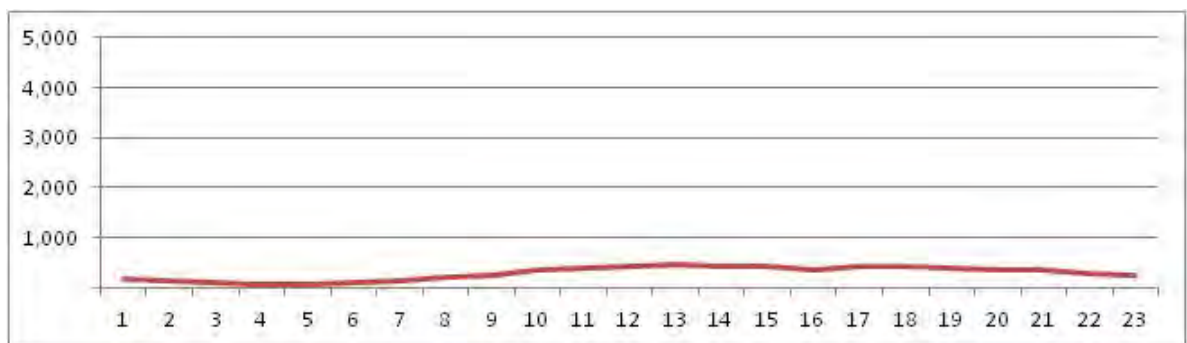
[Location]



[Weekday]

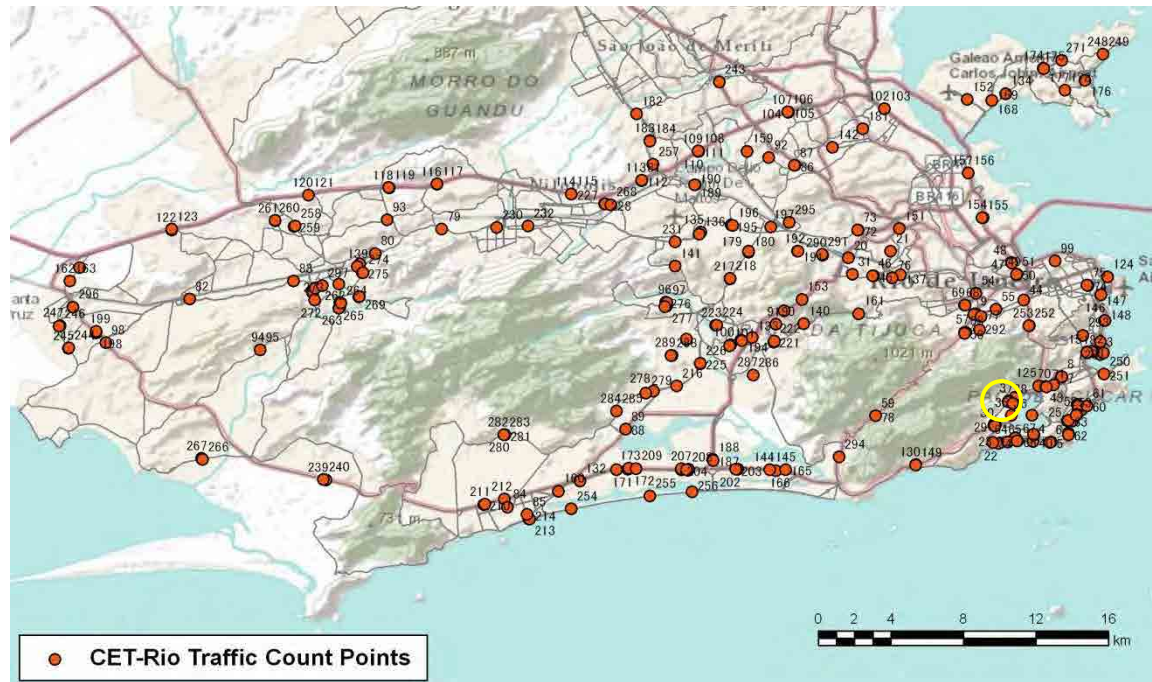


[Weekend]

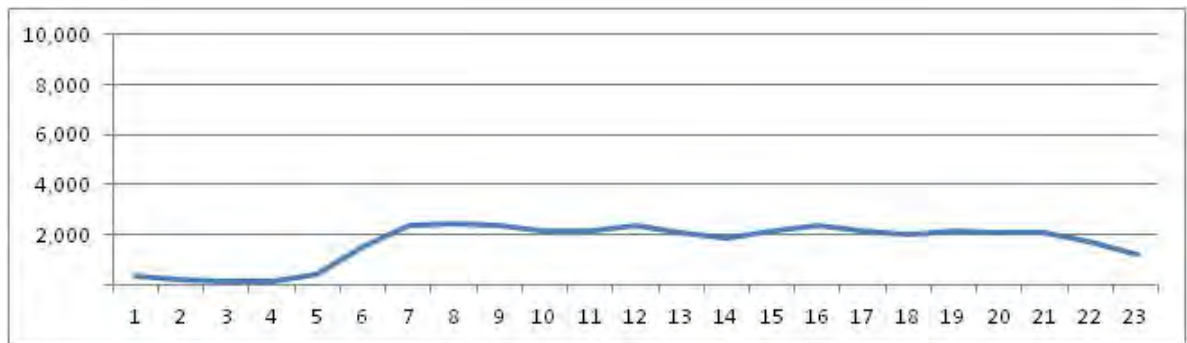


No.	Point	Towards
37	R. J. Botânico prox. n-746 Leao	Gavea

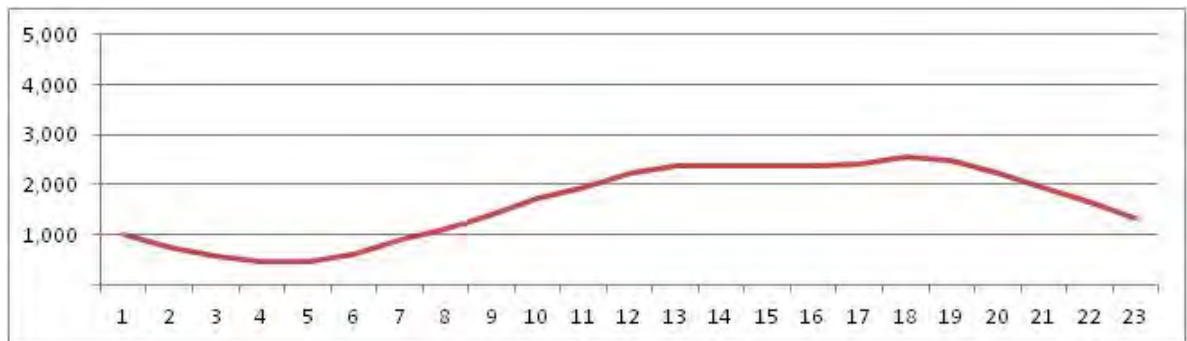
[Location]



[Weekday]

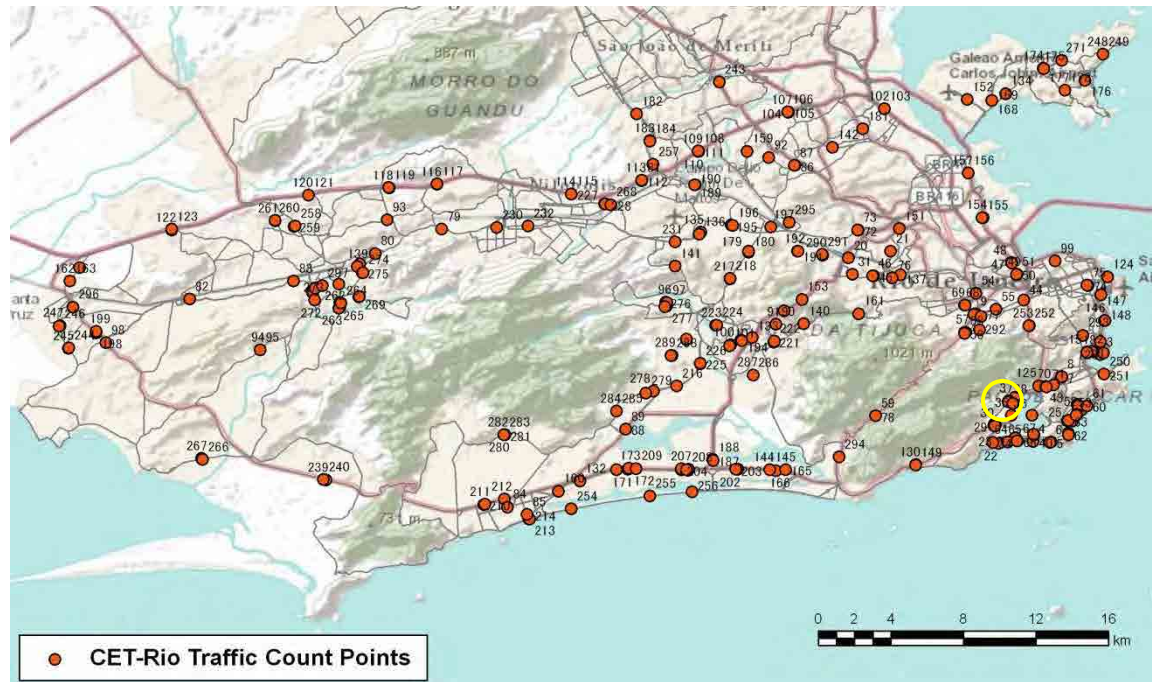


[Weekend]

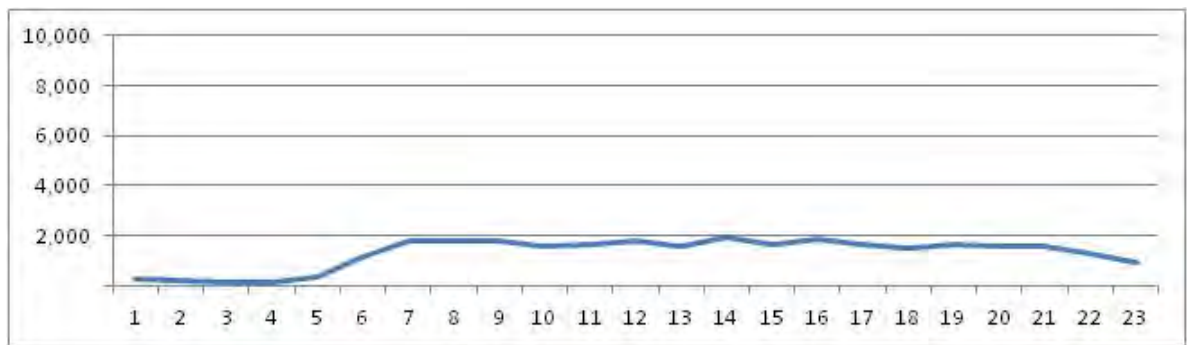


No.	Point	Towards
38	R J.Botanicoprox.R Gal Garzon	J.Botanico

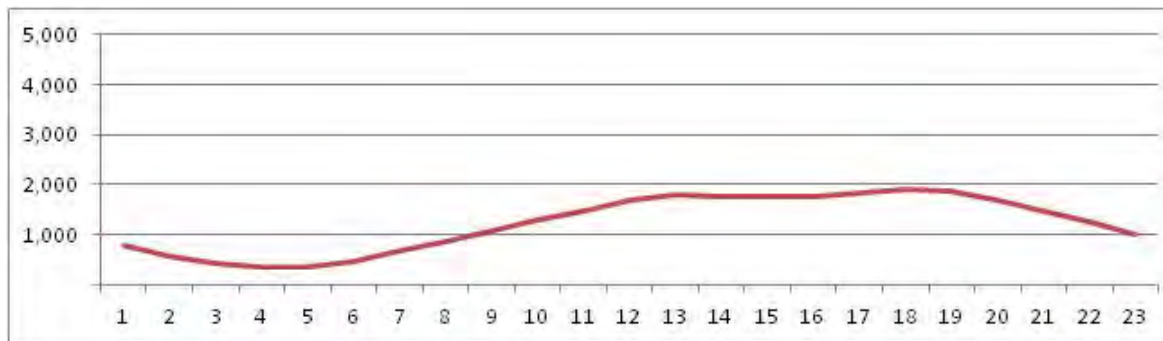
[Location]



[Weekday]

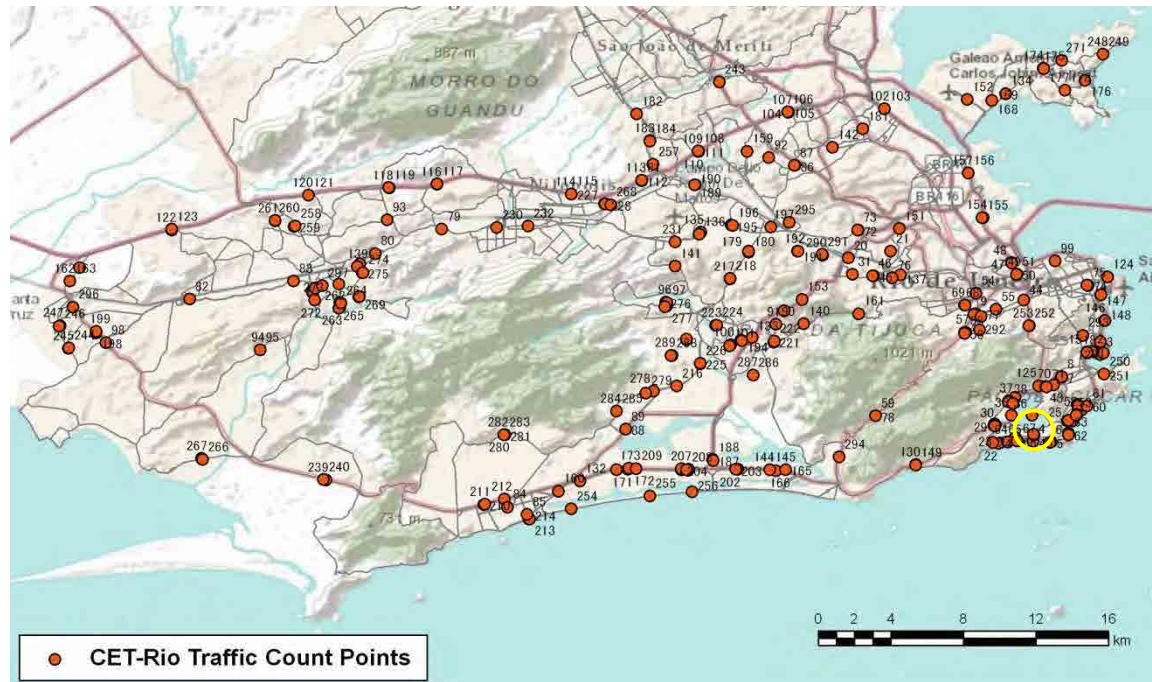


[Weekend]

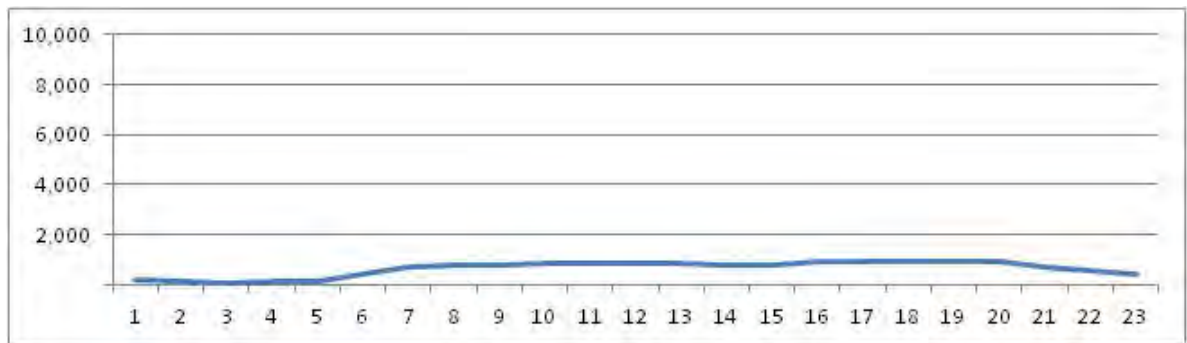


No.	Point	Towards
39	Rua Barao da Torre proximo ao n408	

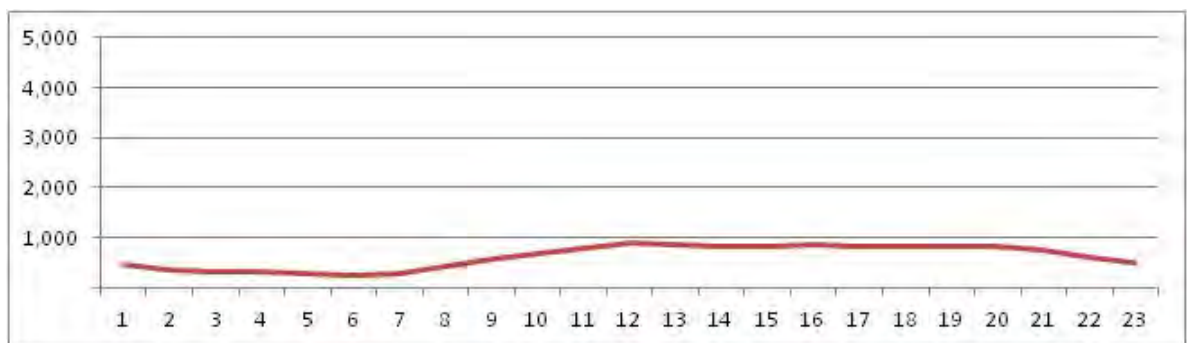
[Location]



[Weekday]

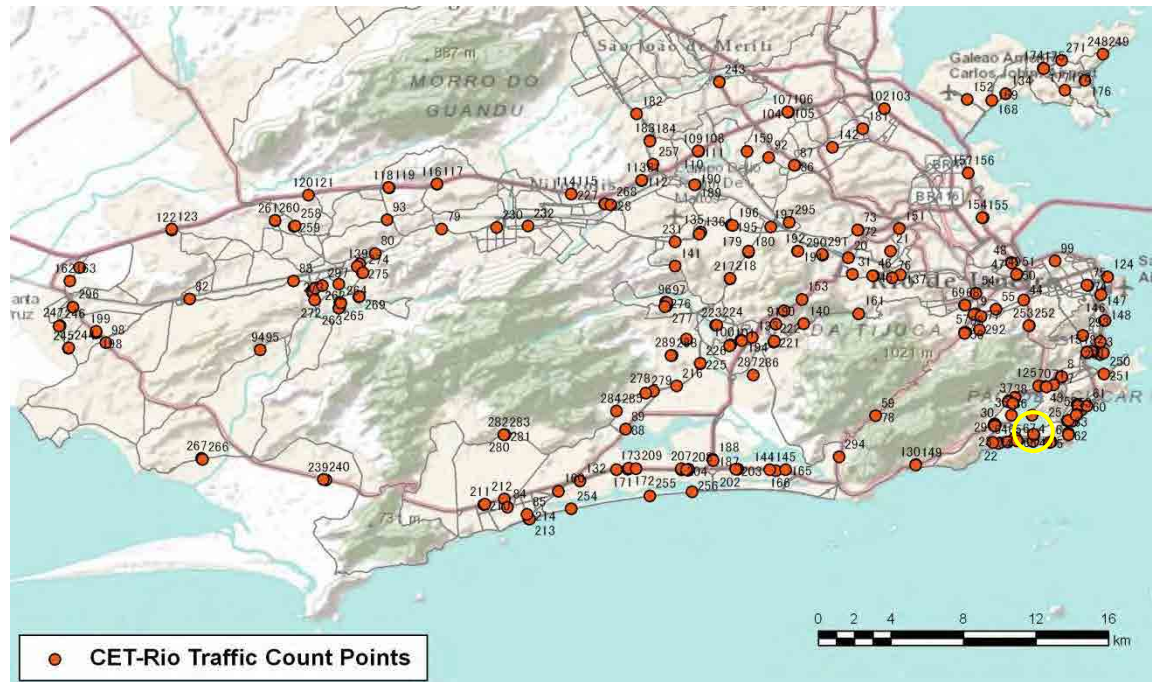


[Weekend]

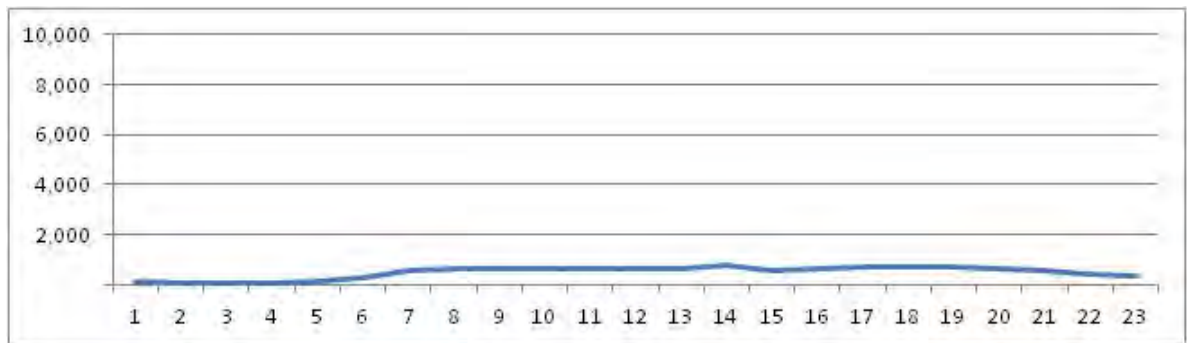


No.	Point	Towards
40	Rua Maria Quiteria proximo ao n74	

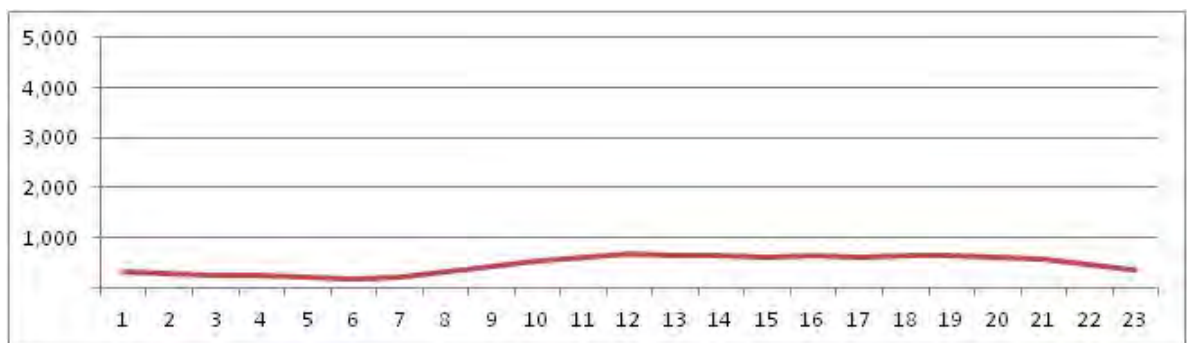
[Location]



[Weekday]

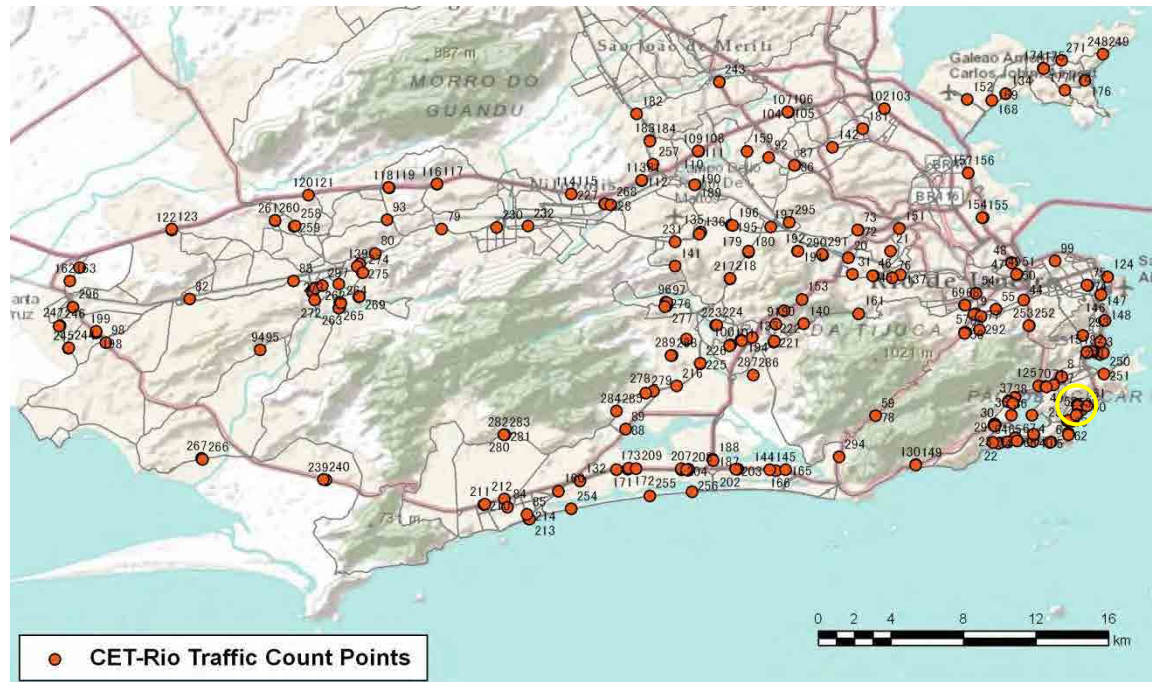


[Weekend]

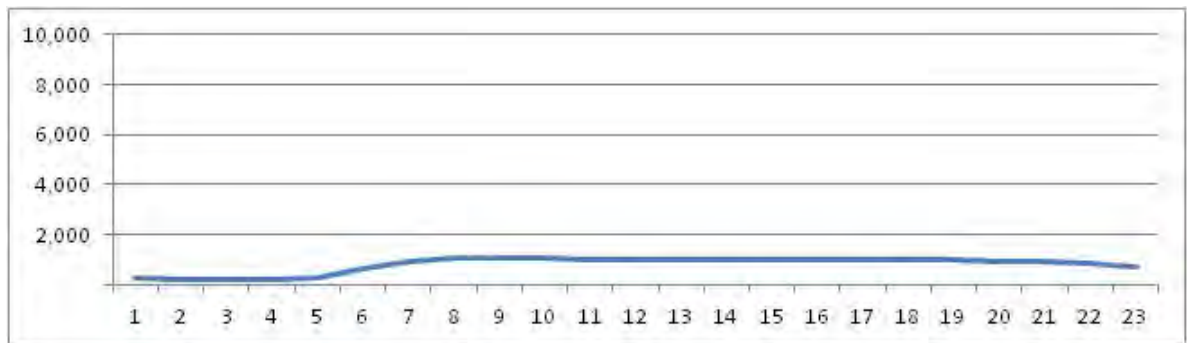


No.	Point	Towards
41	Av Nossa Sra de Copacabana prox ao n574A	

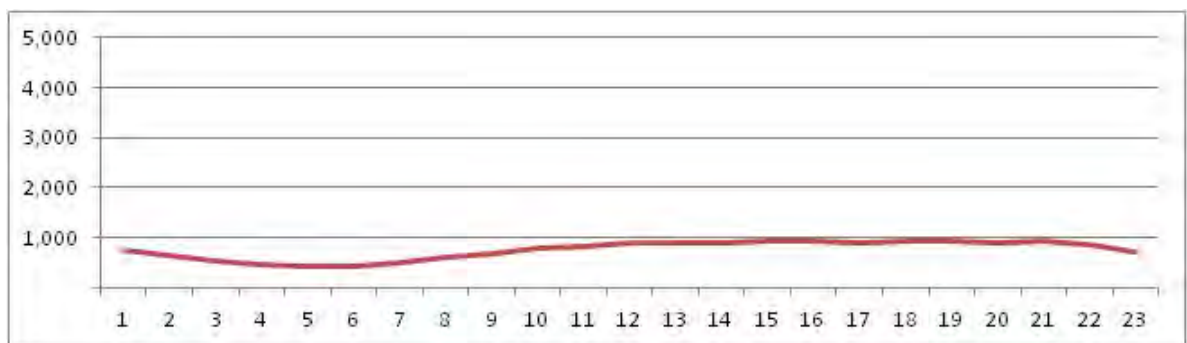
[Location]



[Weekday]

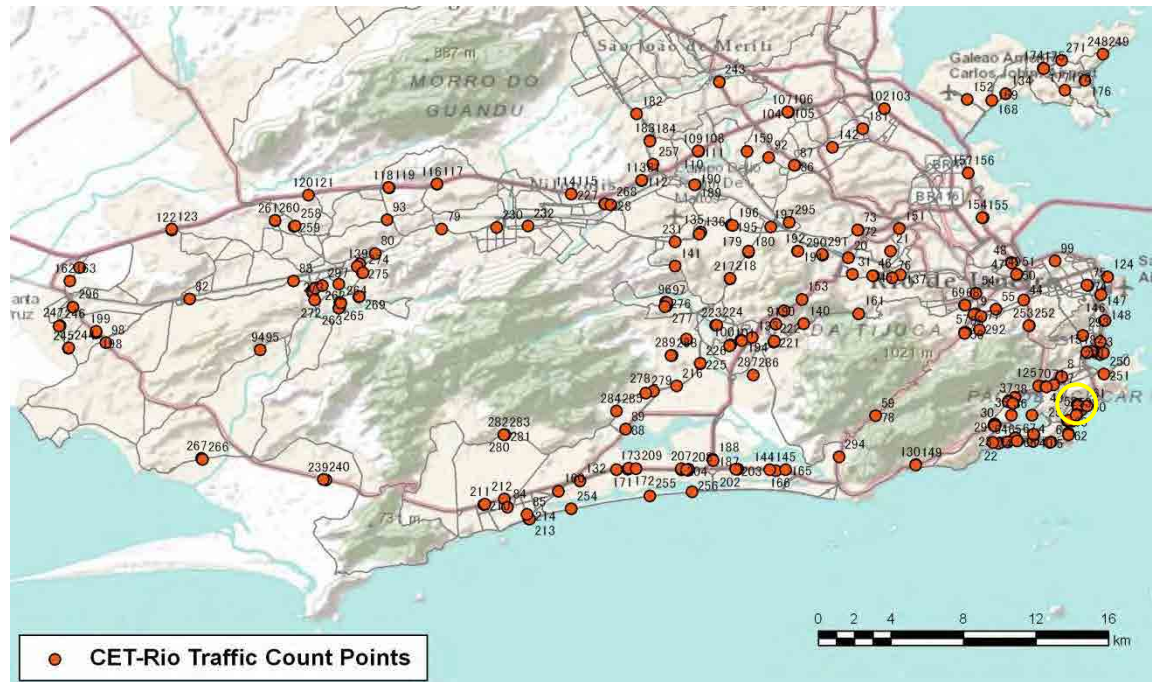


[Weekend]

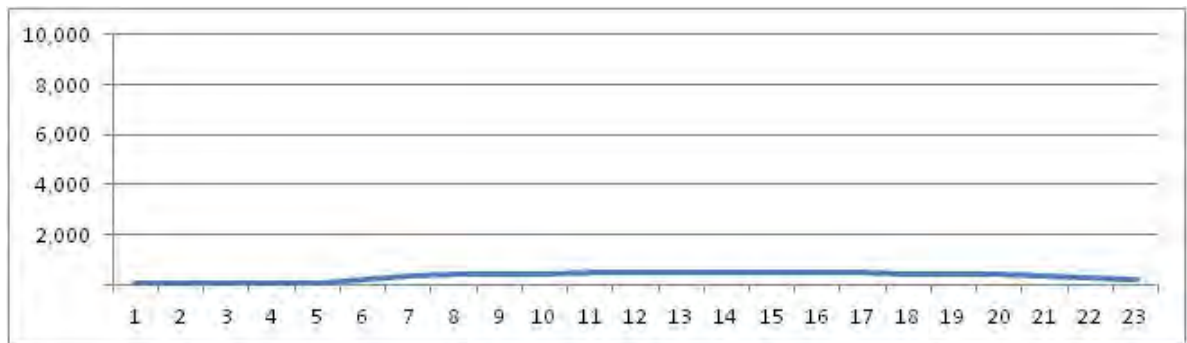


No.	Point	Towards
42	Rua Siqueira Campos proximo ao n53	

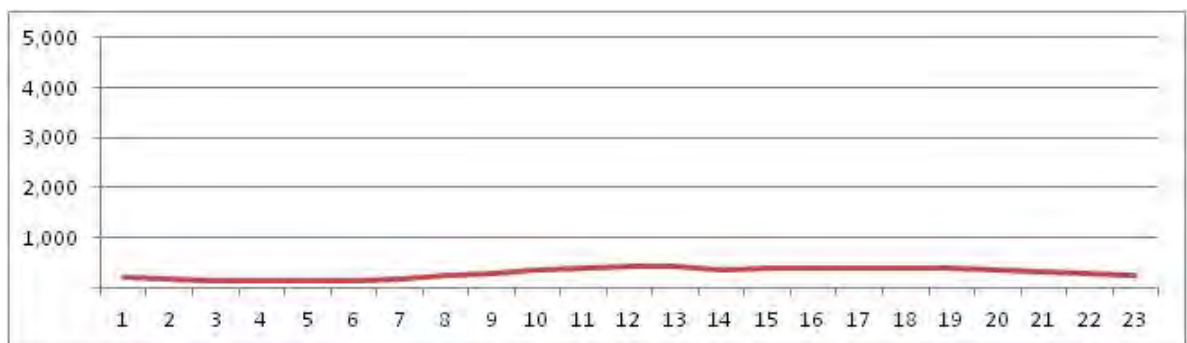
[Location]



[Weekday]

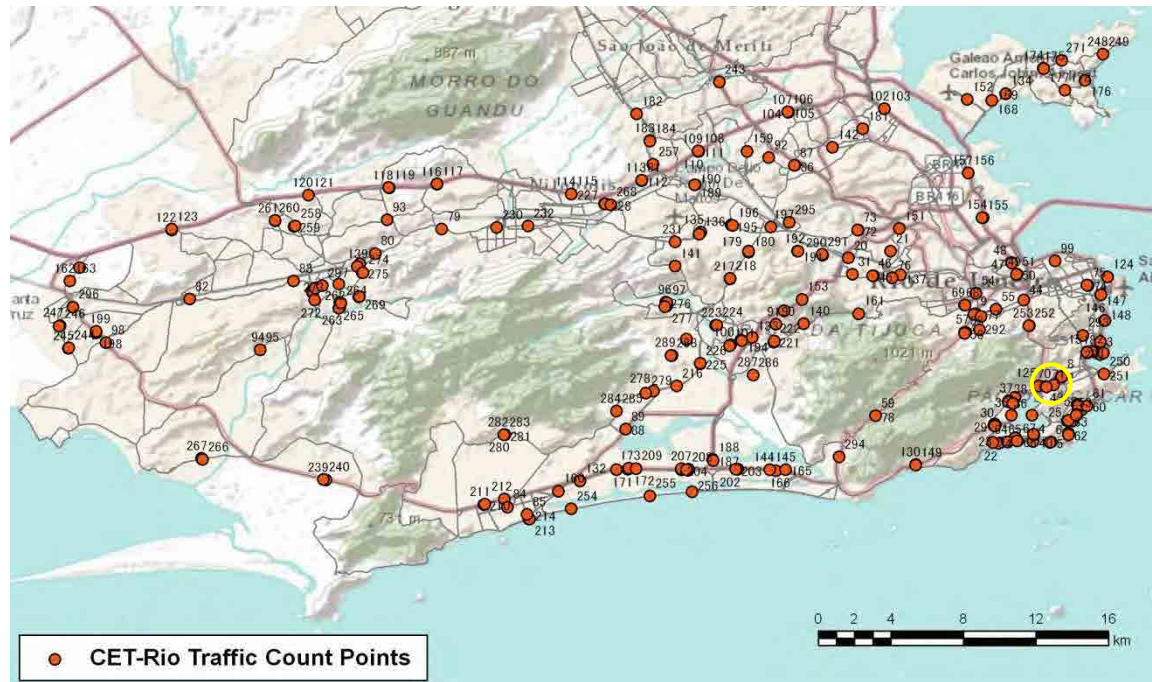


[Weekend]

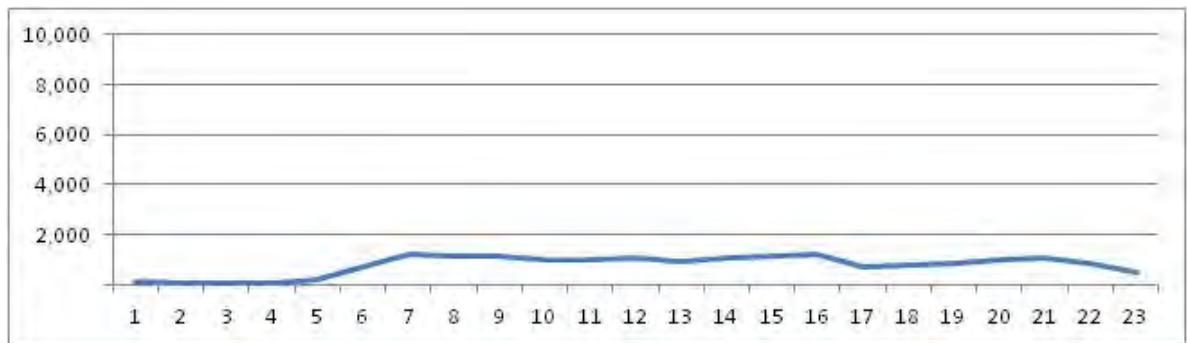


No.	Point	Towards
43	R. Visc de Silva prox. n146	Humaita

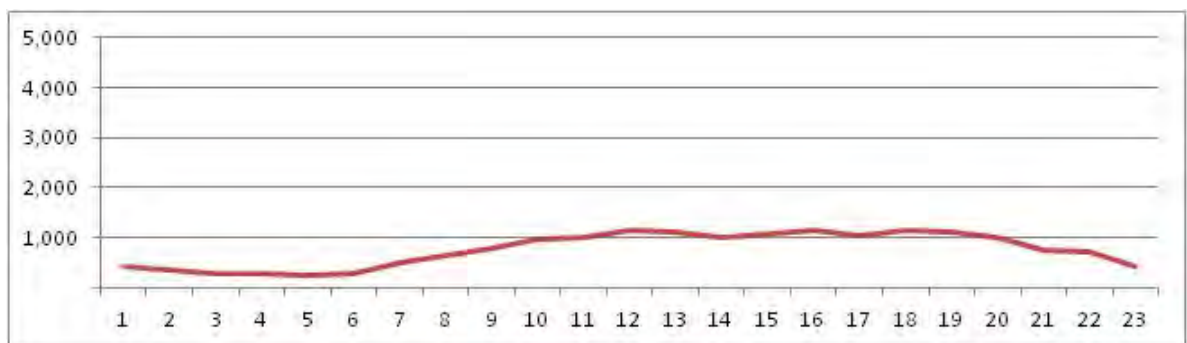
[Location]



[Weekday]

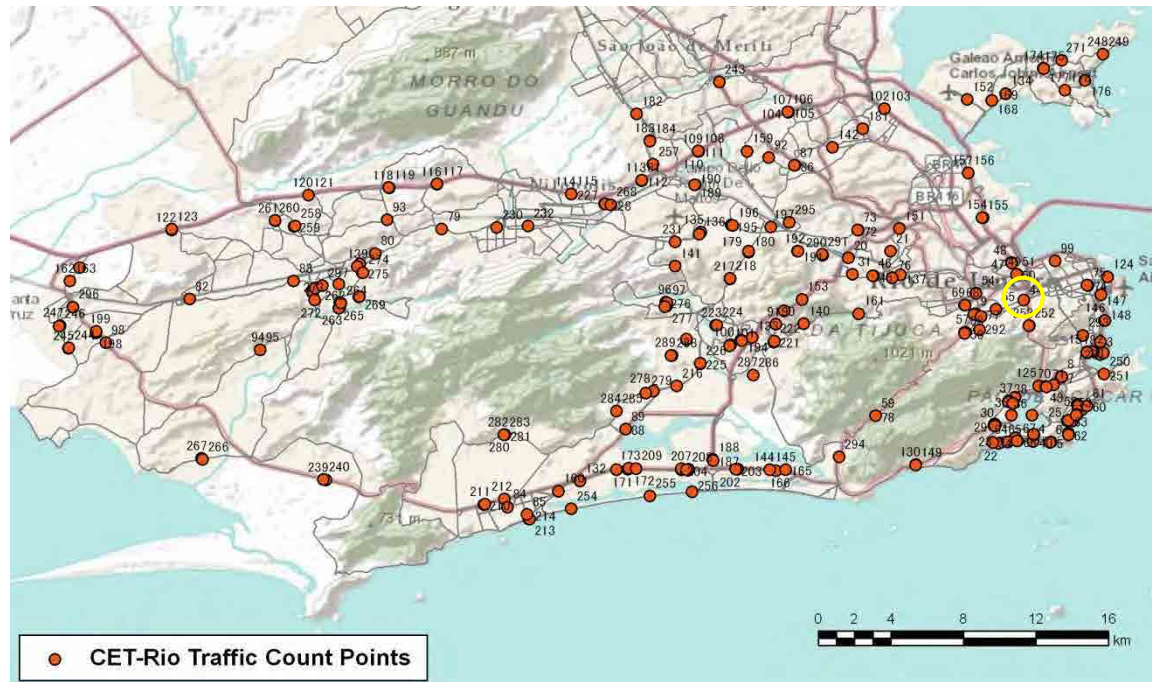


[Weekend]

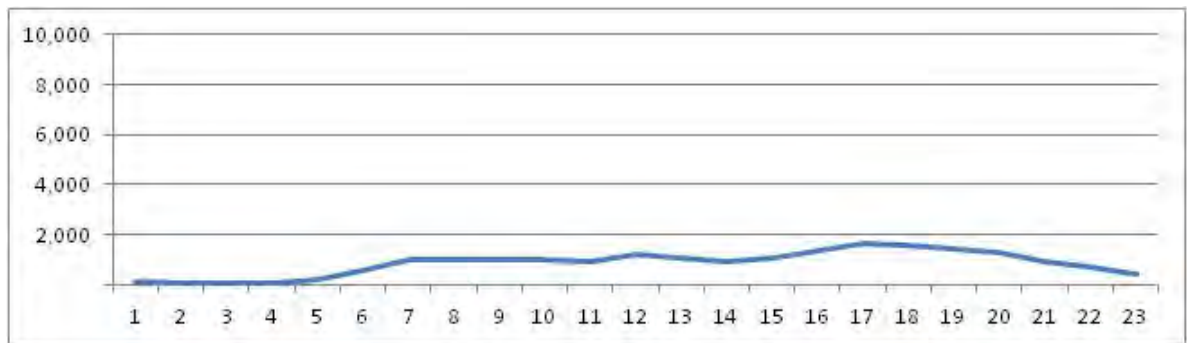


No.	Point	Towards
44	R Joao Paulo I prox R do Matoso e Dr Satamini	

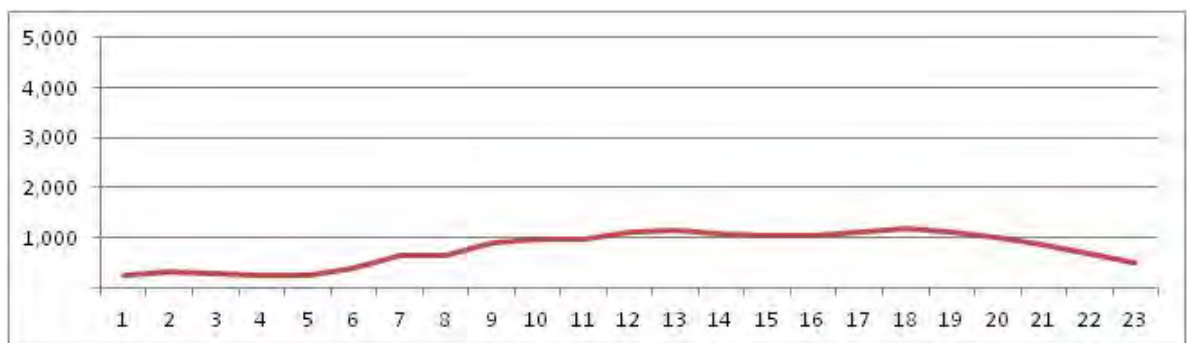
[Location]



[Weekday]

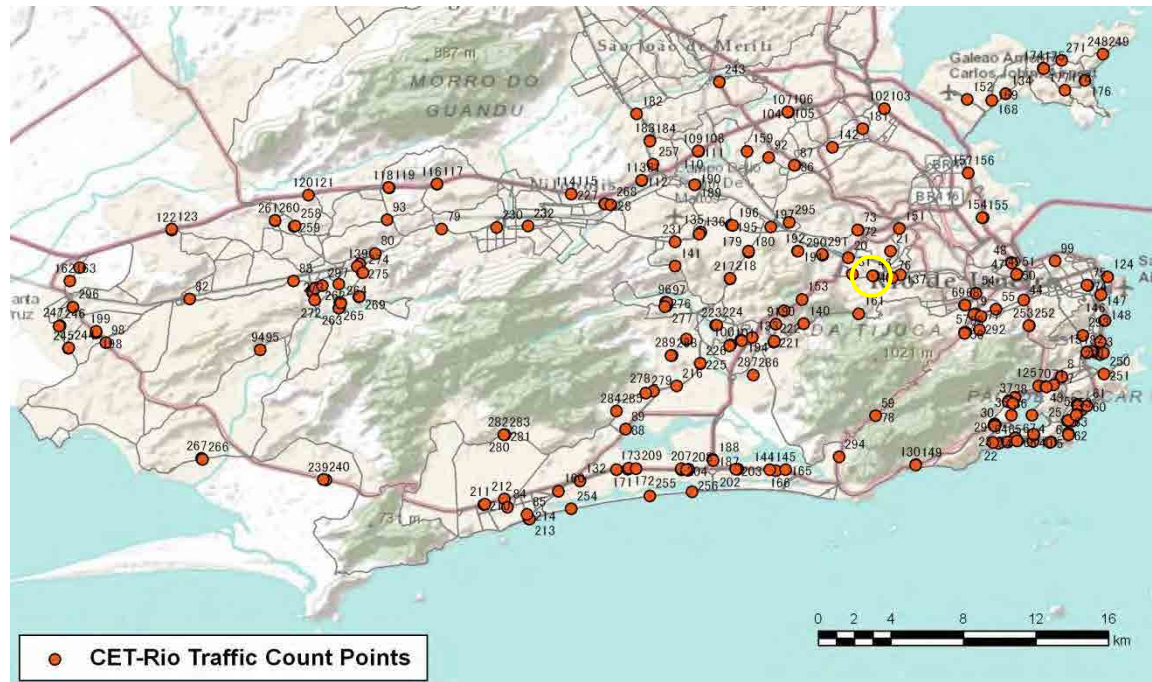


[Weekend]

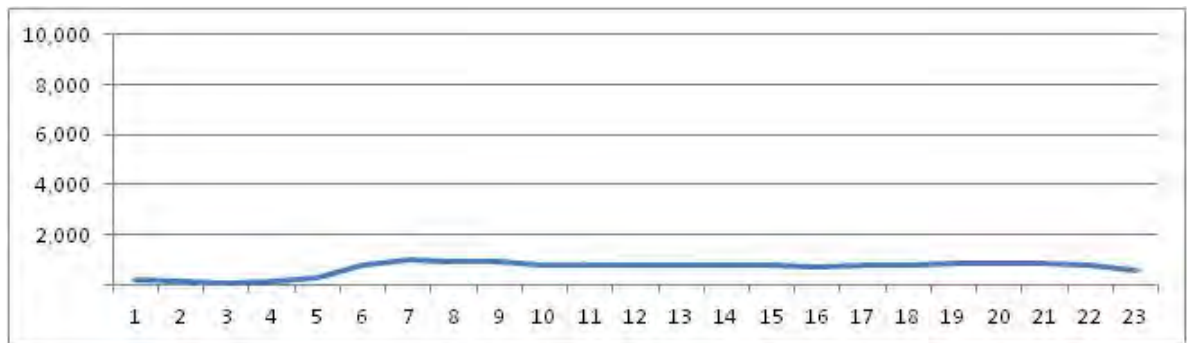


No.	Point	Towards
45	R. Dias da Cruz prox. n358	Eng Dentro

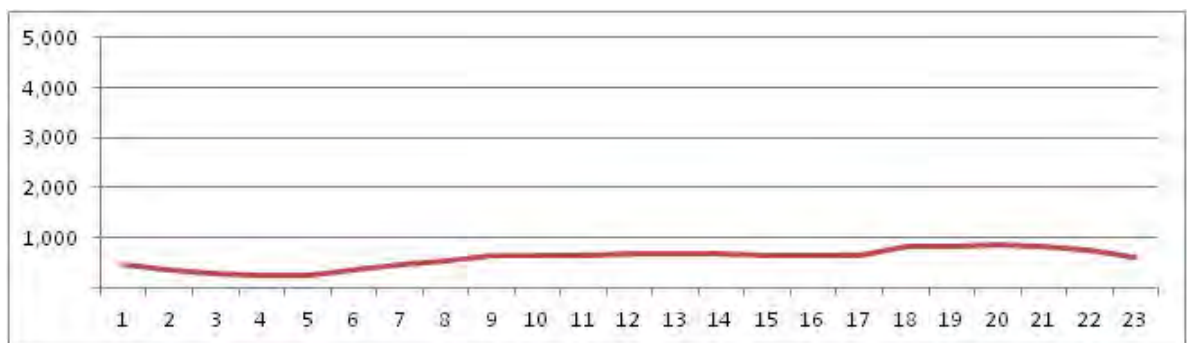
[Location]



[Weekday]

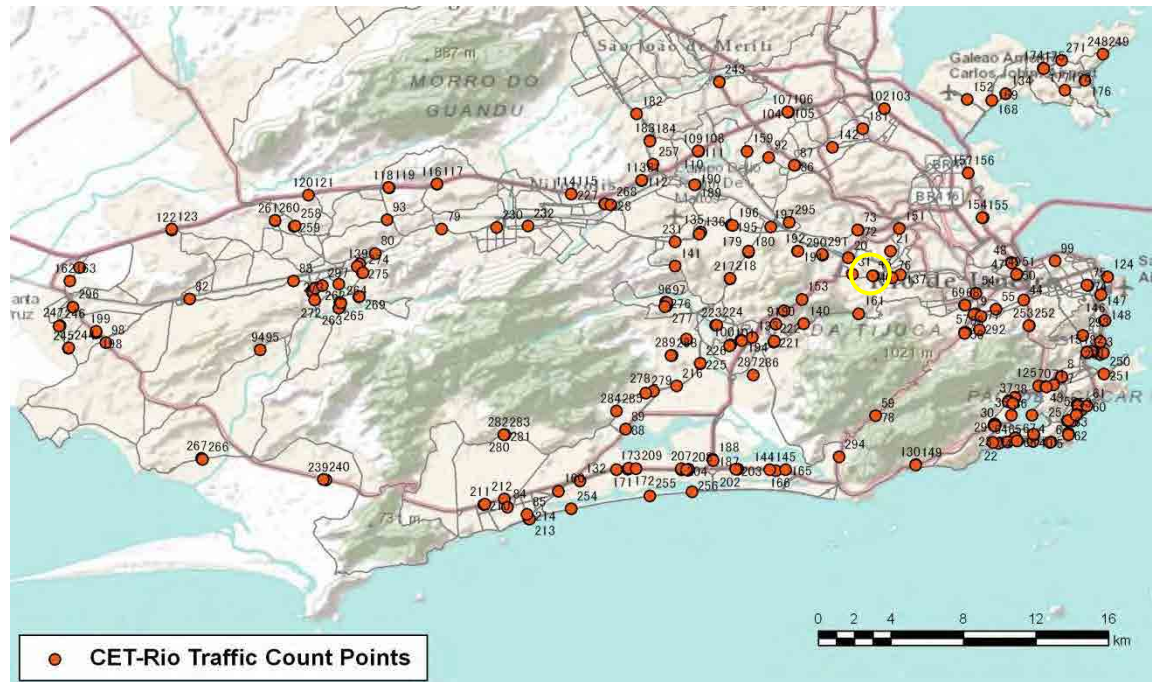


[Weekend]

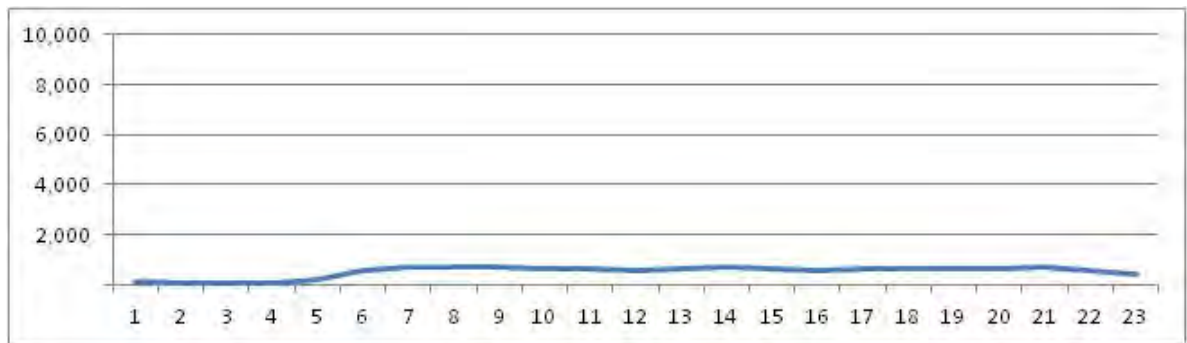


No.	Point	Towards
46	Rua Dias da Cruz prox. n384	Meier

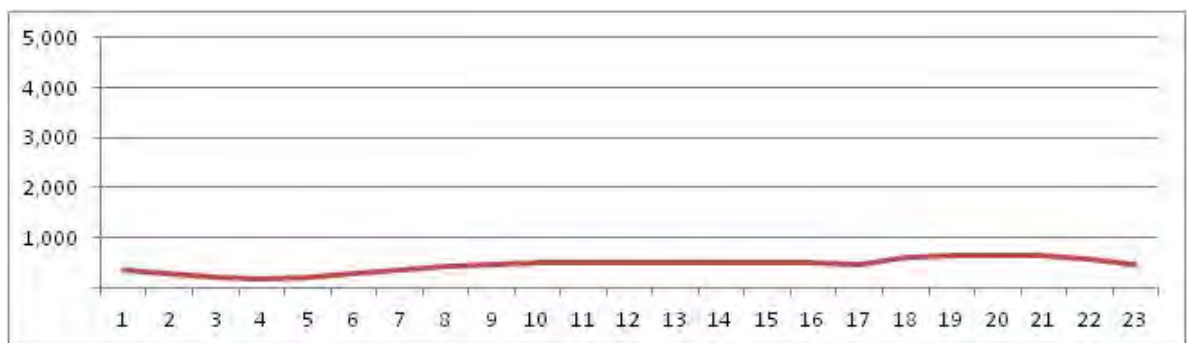
[Location]



[Weekday]

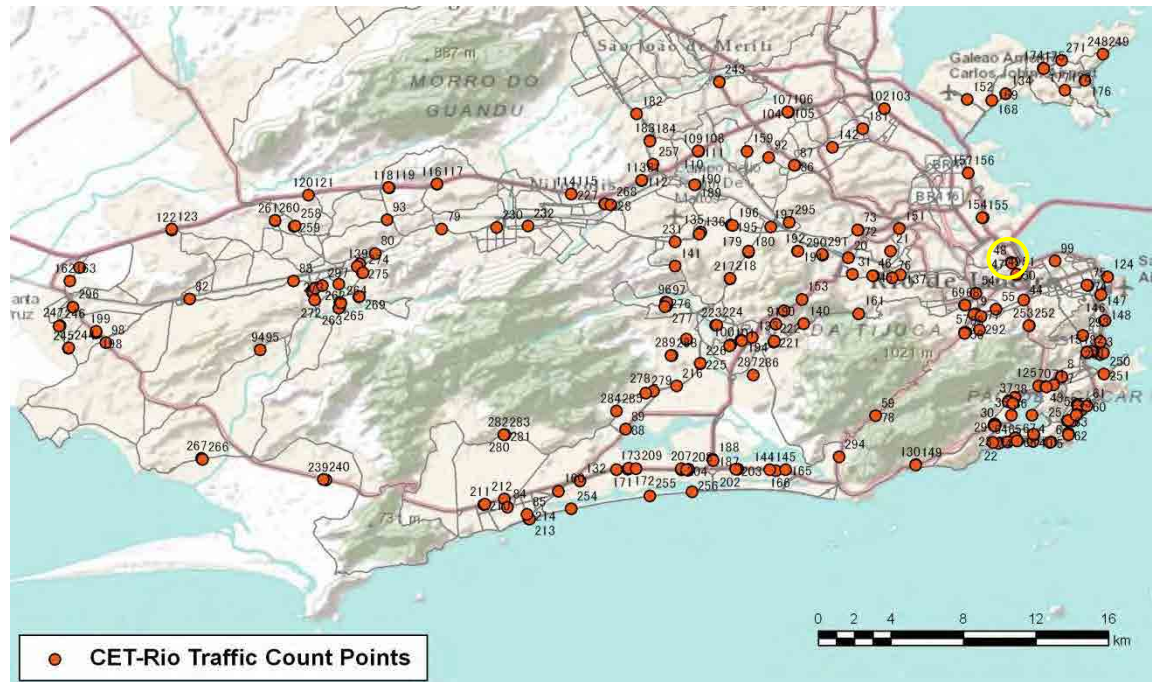


[Weekend]

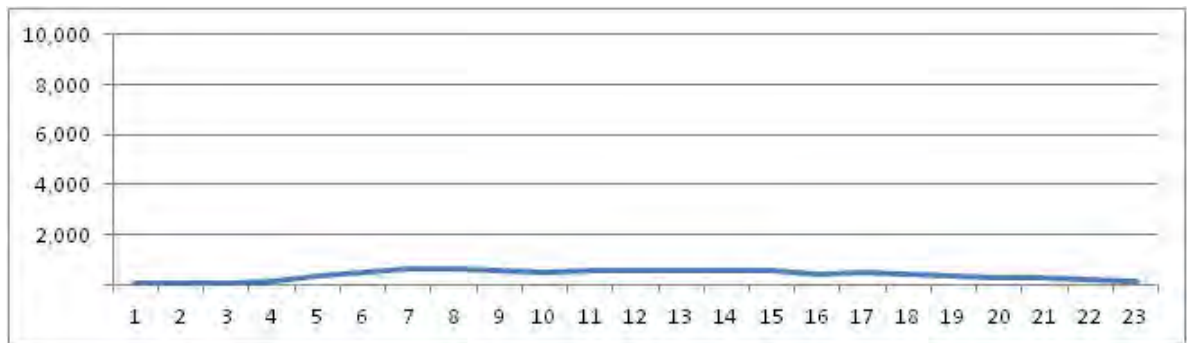


No.	Point	Towards
47	Campo de Sao Cristovao prox. a Rua Escobar	

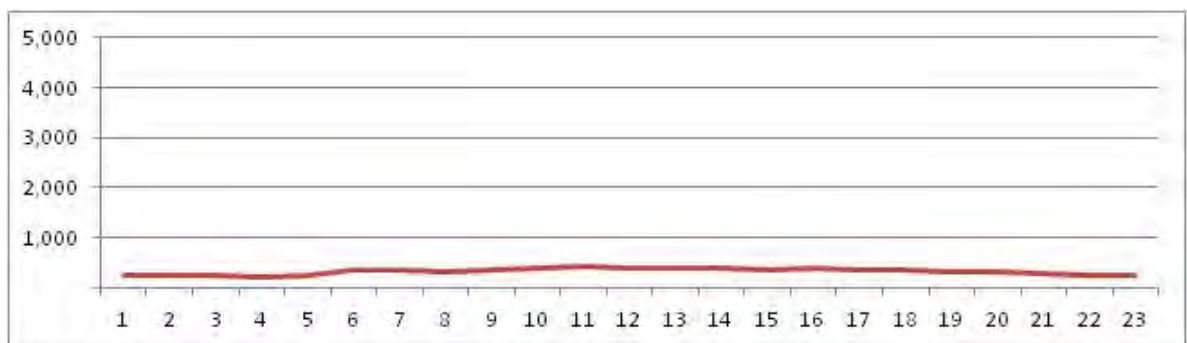
[Location]



[Weekday]

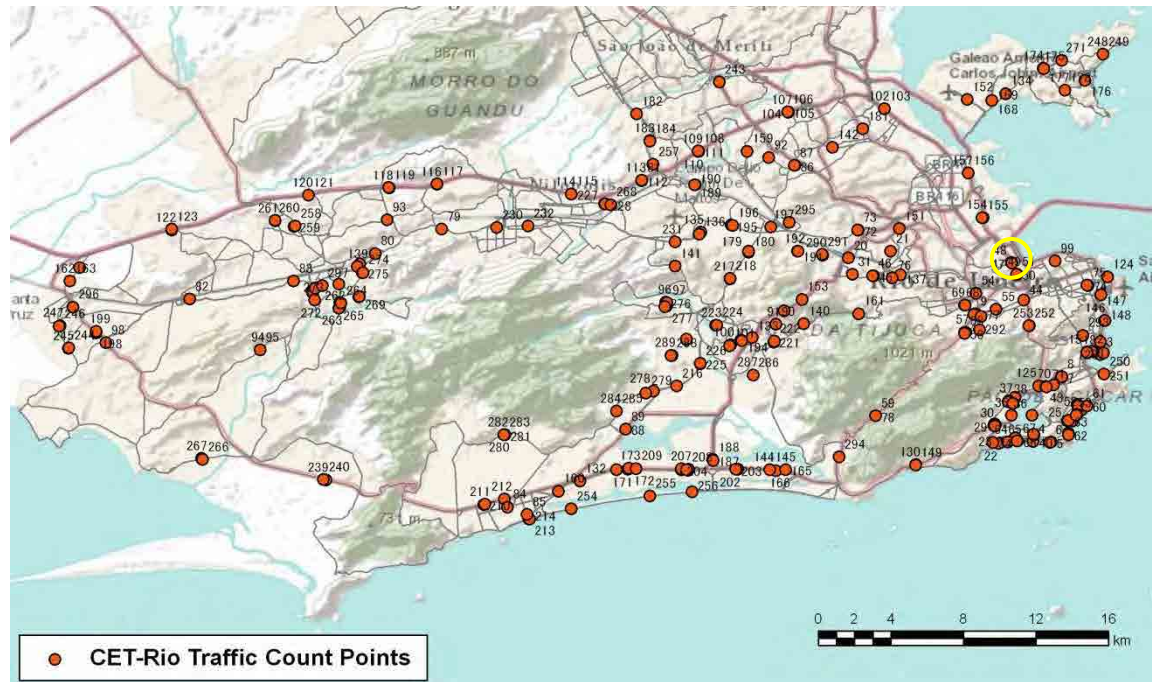


[Weekend]

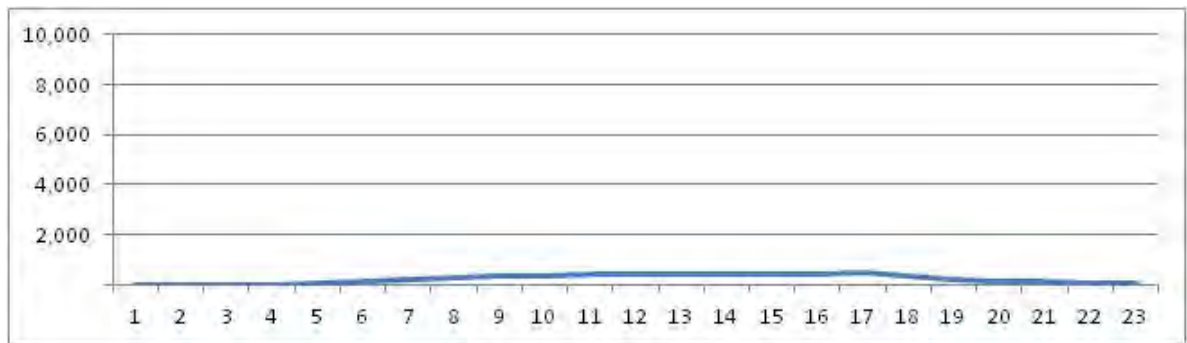


No.	Point	Towards
48	R Escobar proximo ao n-84 e a R Santos Lima	

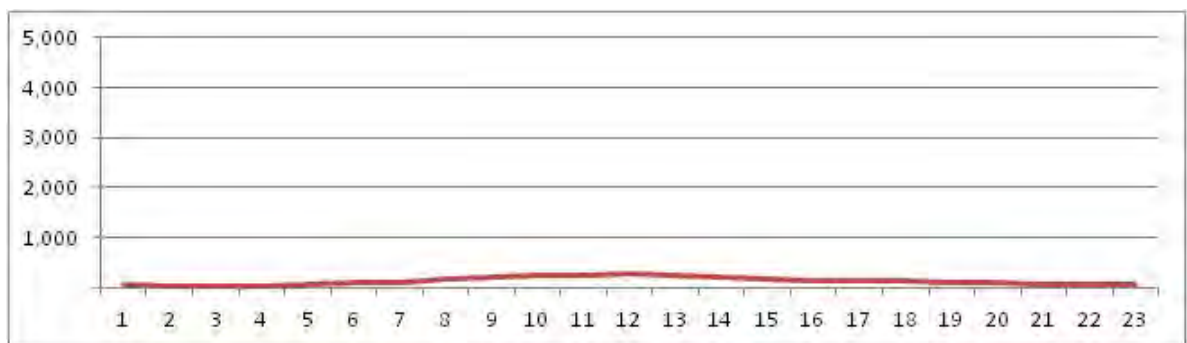
[Location]



[Weekday]

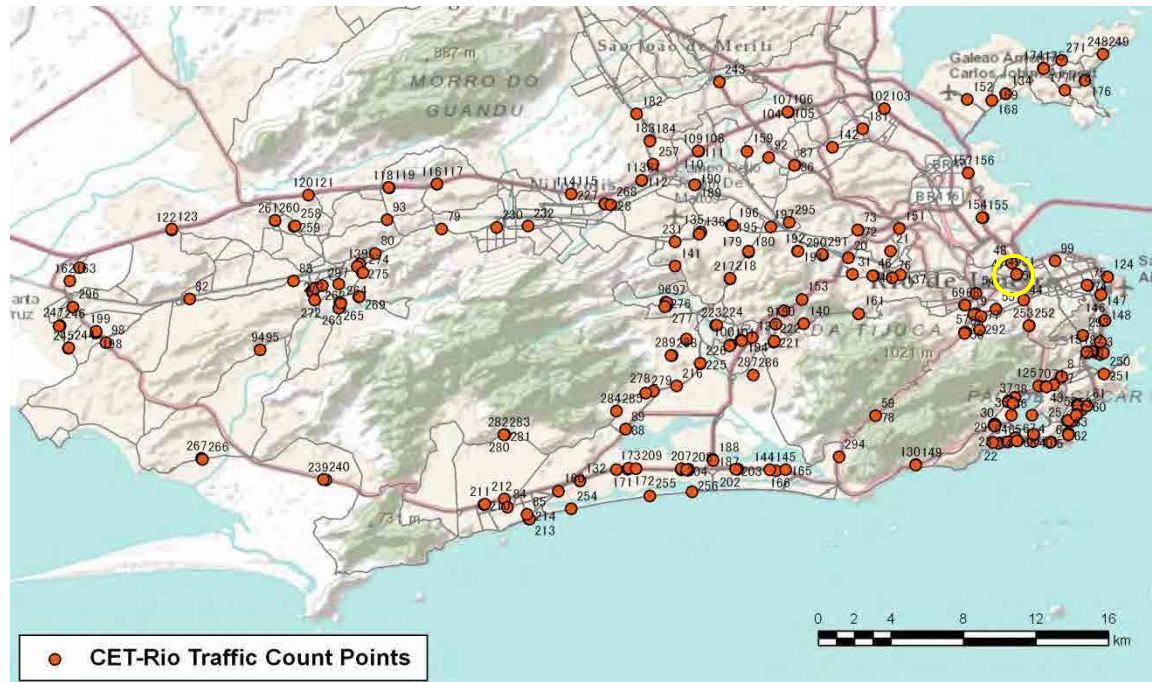


[Weekend]

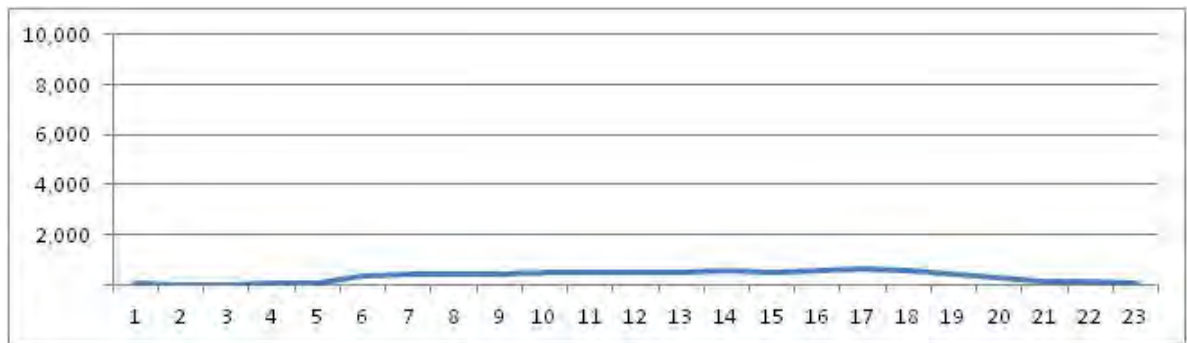


No.	Point	Towards
49	Av PedroII prox.Rua F.de Mello	Quinta

[Location]



[Weekday]



[Weekend]

