

# **RELATÓRIO DE PESQUISAS**

## CONTAGEM VOLUMÉTRICA CLASSIFICADA EM CRUZAMENTOS (15)

241 - Av. Saudade X R. Fernão Sales

Ref.: RT-4378-01-200-3J21-241\_A



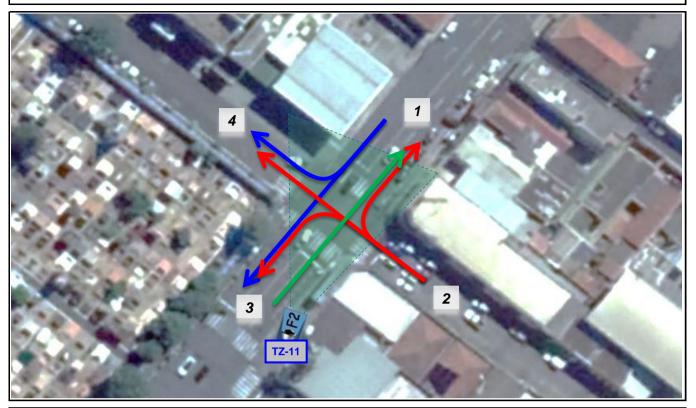
| Responsável Técnico: | CREA N°: |
|----------------------|----------|

Fábio de Campos Bittencourt

ART 28027230181266891



## Croquis 241 - Av. Saudade X R. Fernão Sales



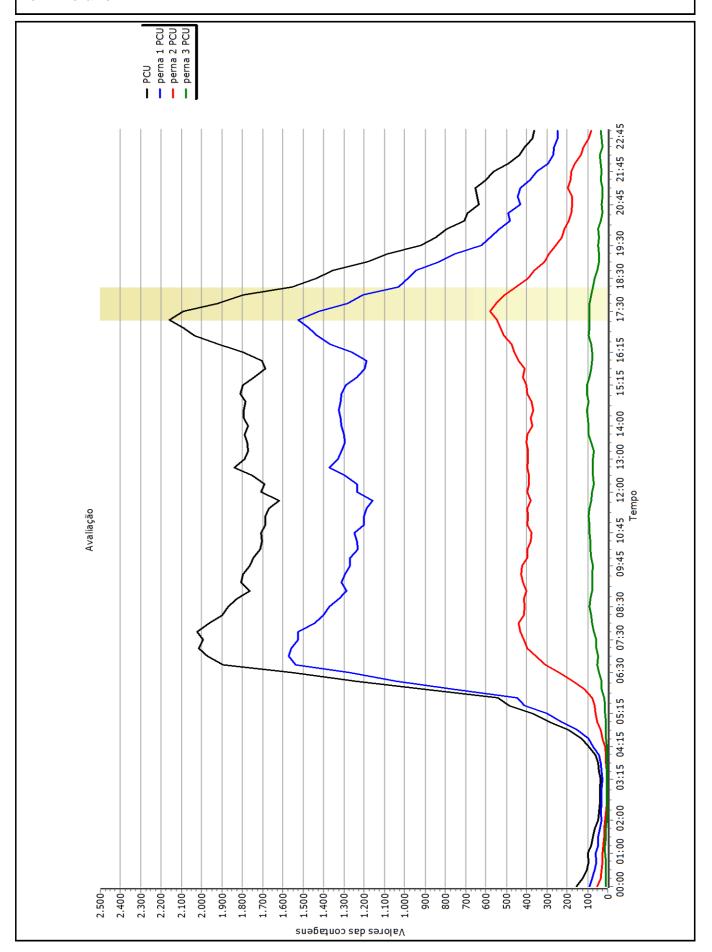


## Movimentos Contados

- 1 > 3 Av. Saudade em frente
- 1 > 4 Av. Saudade conv à R. Fernão Sales
- 2 > 1 R. Fernão Sales conv à dir. Av. Saudade
- 2 > 3 R. Fernão Sales conv à esq. Av. Saudade
- 2 > 4 R. Fernão Sales em frente
- 3 > 1 Av. Saudade em frente



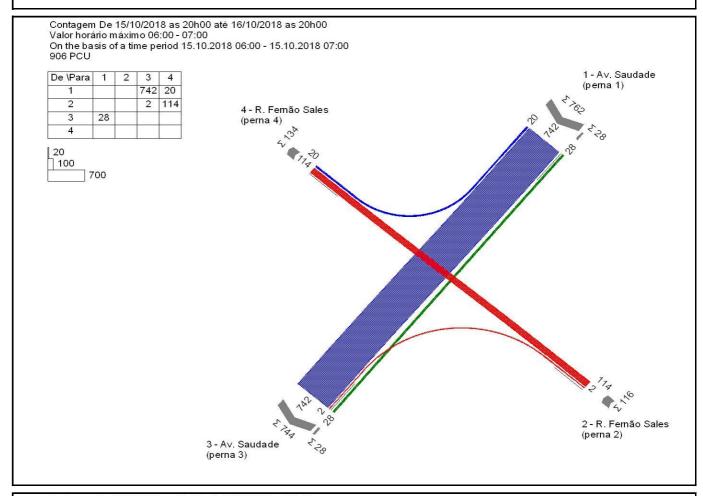
## Perfil Horário 241 - Av. Saudade X R. Fernão Sales

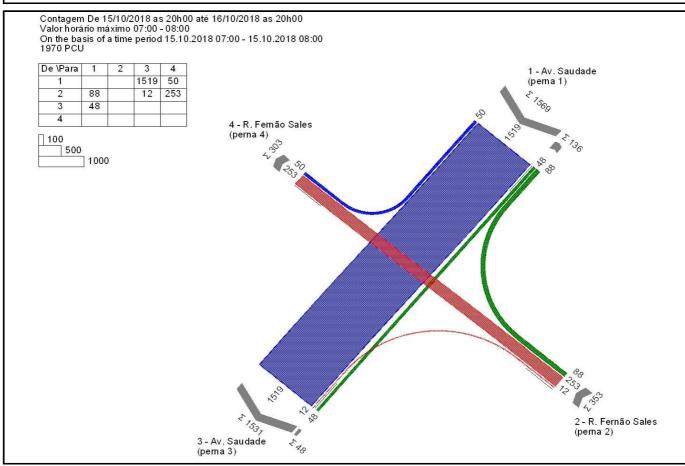




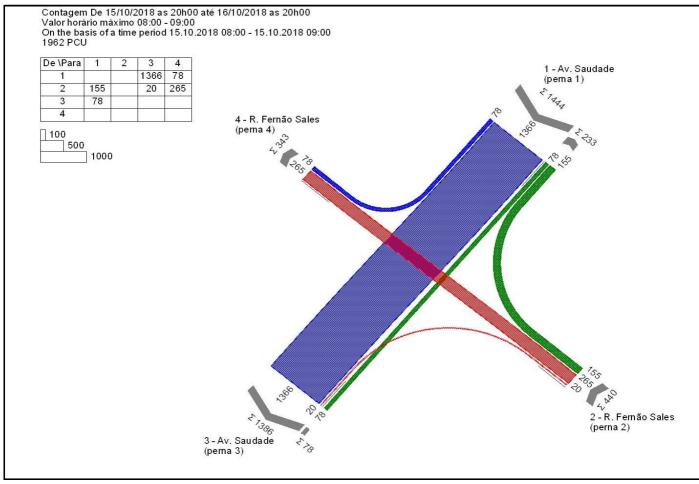
## Diagrama de Fluxos

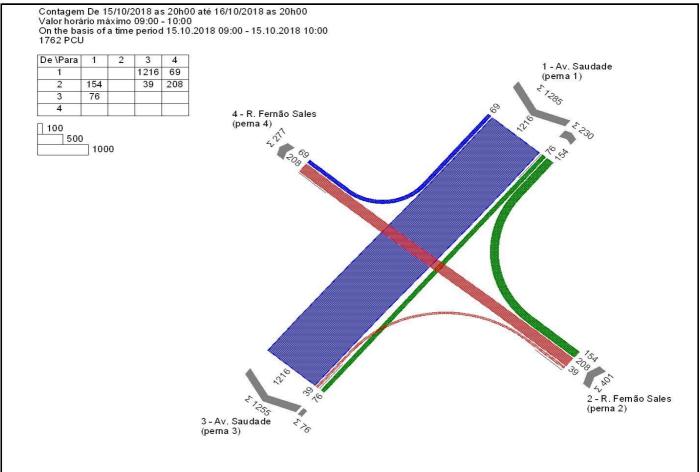
## 241 - Av. Saudade X R. Fernão Sales



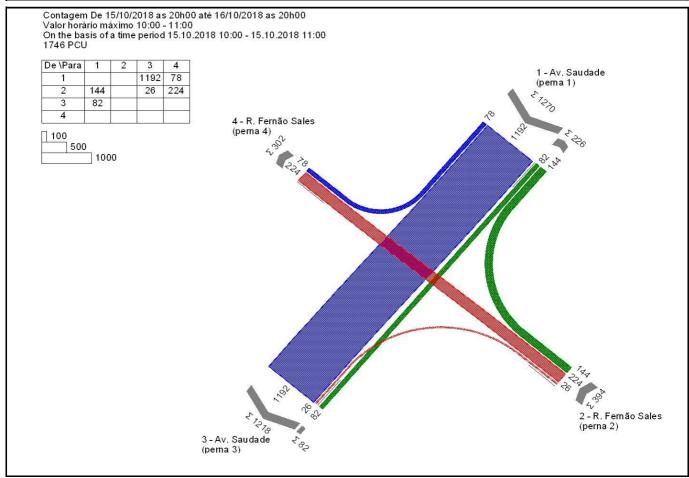


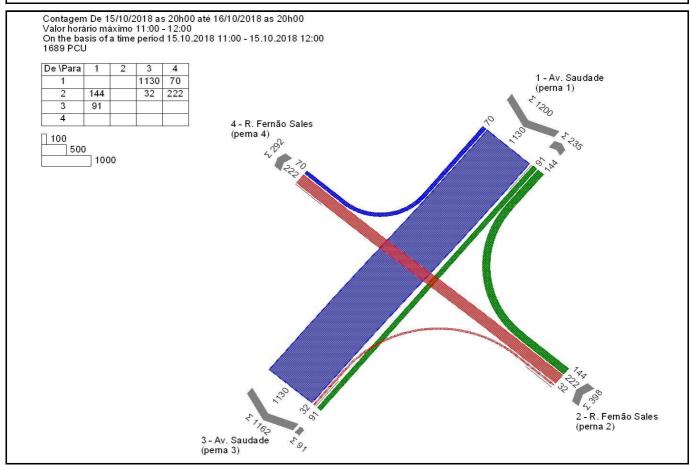




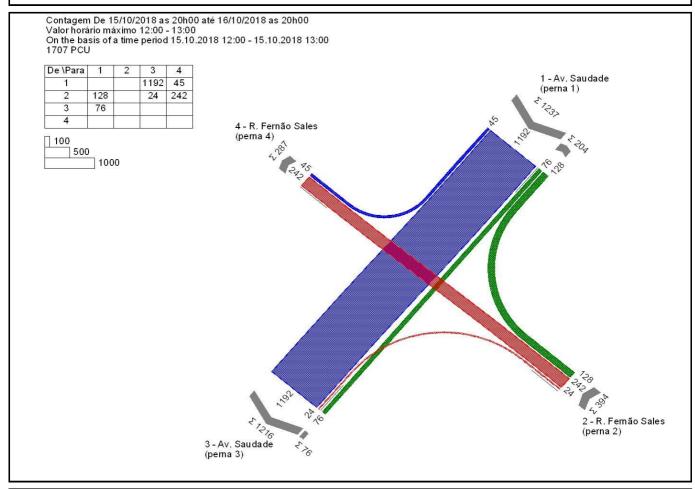


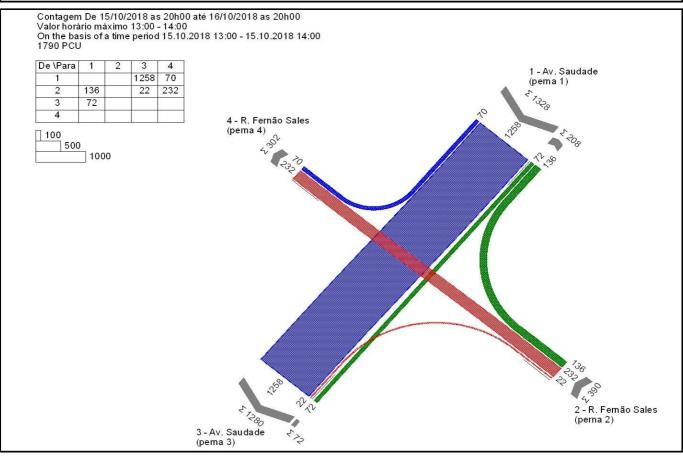




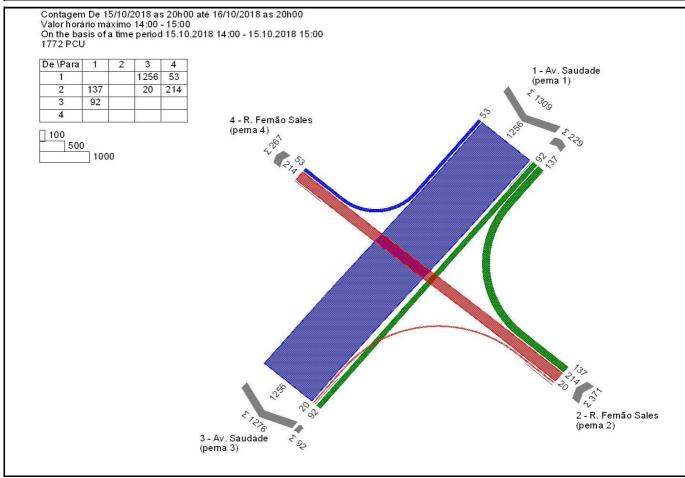


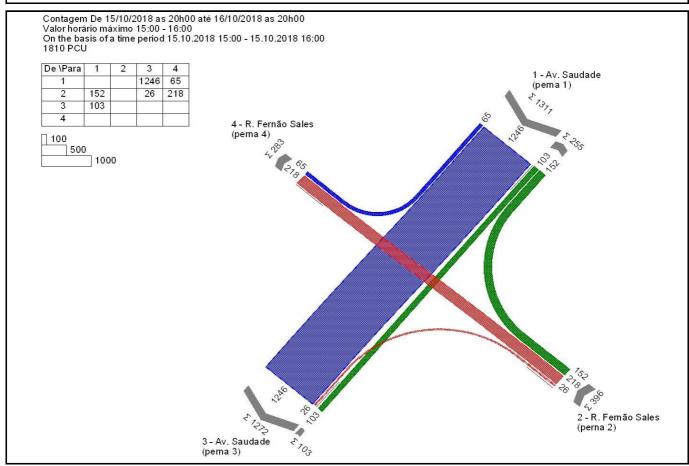




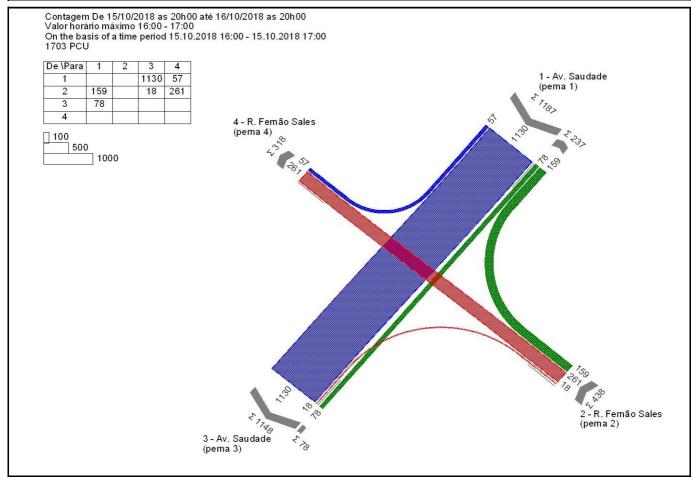


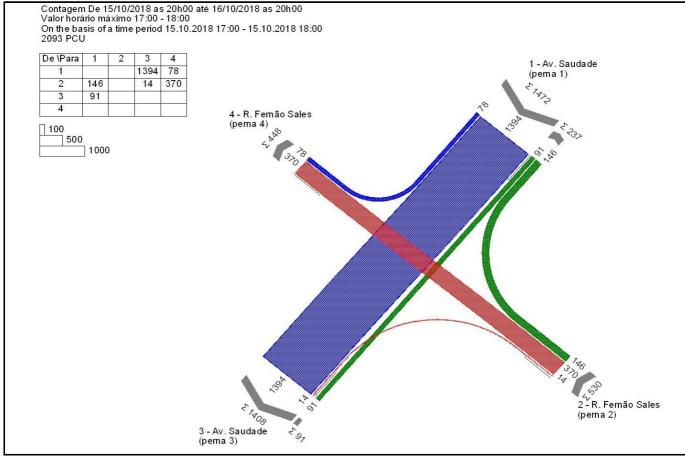




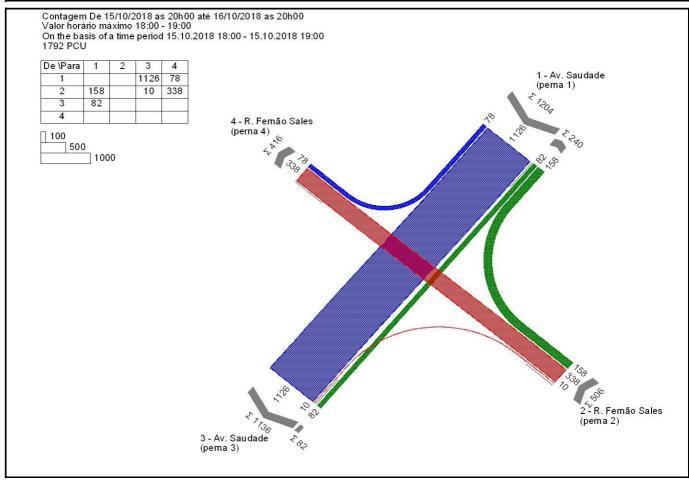


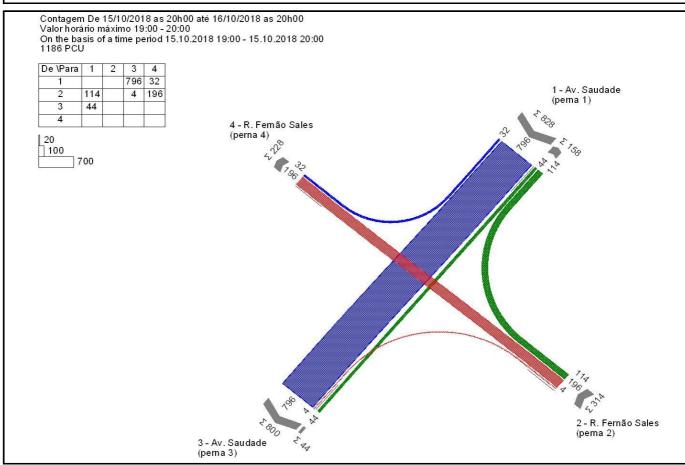




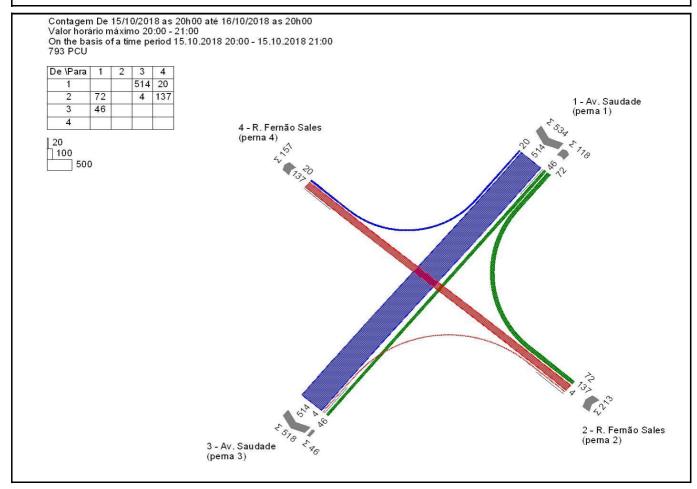


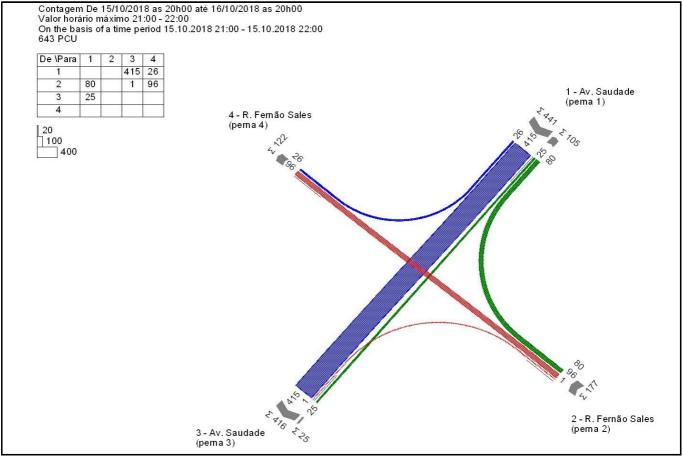




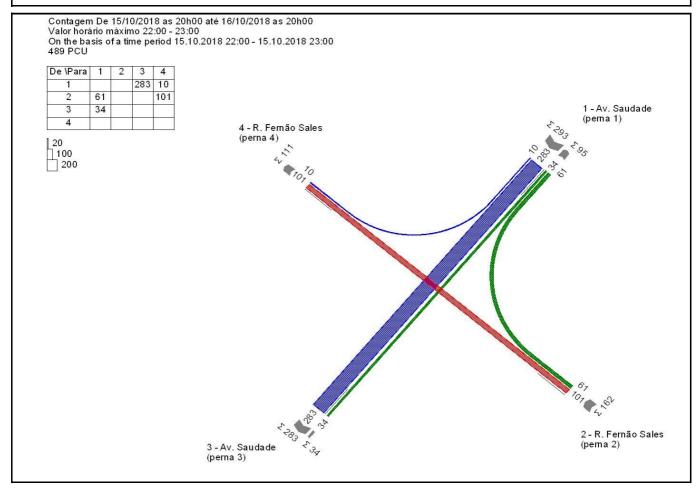


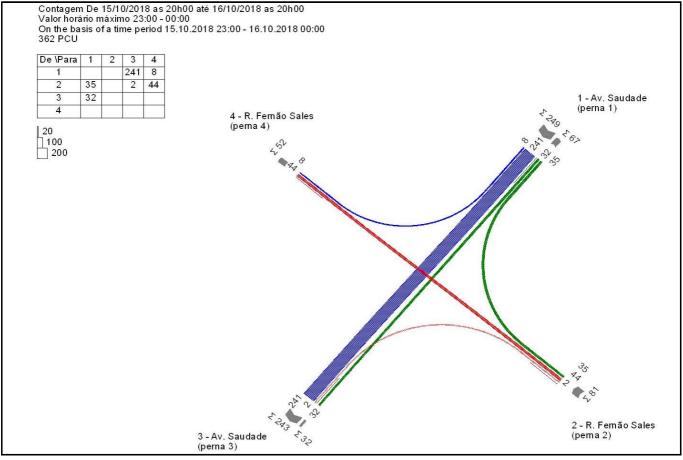














**PCU** 

241 - Av. Saudade X R. Fernão Sales

Nas tabelas de contagem de fluxo veicular a seguir são apresentadas a classificação pelos tipos de veículos como automóvel (**Car**), moto (**Moto**), ônibus (**Bus**) e caminhão (**Truck**).

Neste mesmo quadro estão representadas as contagens dos movimentos a cada 15 minutos e por hora, onde no final de cada quadro existem duas colunas que são identificadas pelas siglas **VEC** e **PCU**.

A sigla VEC é a somatória direta de todos os veículos contados sem fator de equivalência. A sigla PCU, significa Passenger Car Unit ou mais conhecido como veículos equivalentes, representa a somatória dos veículos com seus respectivos fatores de equivalência, sendo adotados conforme sugestão do manual HCM – High Capacity Manual, os seguintes valores:

- Automóvel = 1,0 veículo equivalente
  - Moto = 0,5 veículo equivalente
- **Caminhão** = 2,5 veículos equivalentes
  - **Ônibus** = 2,0 veículos equivalentes

Por exemplo: Na contagem de 1 automóvel, 1 moto, 1 ônibus e 1 caminhão temos como resultado 4 (quatro) **VEC** e 6 (seis) **PCU**, ou seja, 4 (quatro) veículos contados com a consideração dos fatores de equivalência, resultam em 6 (seis) veículos de passeio.

Obs.: Nas tabelas de fluxos veiculares, quando a somatória não resulta em número inteiro o mesmo será arredondado p/ cima.



## 1 > 3 Av. Saudade em frente



## Fluxo veicular a cada hora

|       |       |      | Pe   | ríodo M | anhã |   |      |      |
|-------|-------|------|------|---------|------|---|------|------|
| Perí  | odo   | Cor  | Mata | Truck   | Bus  |   | PCU  | VEC  |
| de    | até   | Car  | Moto | Truck   | Bus  | - | PCU  | VEC  |
| 0:00  | 1:00  | 64   | 18   | 0       | 5    | 0 | 83   | 87   |
| 1:00  | 2:00  | 42   | 18   | 1       | 1    | 0 | 56   | 62   |
| 2:00  | 3:00  | 18   | 8    | 2       | 1    | 0 | 29   | 29   |
| 3:00  | 4:00  | 20   | 10   | 0       | 0    | 0 | 25   | 30   |
| 4:00  | 5:00  | 26   | 7    | 2       | 2    | 0 | 39   | 37   |
| 5:00  | 6:00  | 112  | 90   | 7       | 20   | 0 | 215  | 229  |
| 6:00  | 7:00  | 495  | 243  | 12      | 48   | 0 | 743  | 798  |
| 7:00  | 8:00  | 1015 | 619  | 29      | 61   | 0 | 1519 | 1724 |
| 8:00  | 9:00  | 912  | 486  | 47      | 47   | 0 | 1367 | 1492 |
| 9:00  | 10:00 | 865  | 335  | 51      | 28   | 0 | 1216 | 1279 |
| 10:00 | 11:00 | 815  | 367  | 51      | 33   | 0 | 1192 | 1266 |
| 11:00 | 12:00 | 802  | 379  | 29      | 33   | 0 | 1130 | 1243 |

|       |       |     | P     | eríodo T | arde |   |      |      |
|-------|-------|-----|-------|----------|------|---|------|------|
| Perí  | odo   | Car | Moto  | Truck    | Bus  |   | PCU  | VEC  |
| de    | até   | Cai | WIOLO | HUCK     | Dus  | _ | PCU  | VEC  |
| 12:00 | 13:00 | 850 | 430   | 25       | 32   | 0 | 1192 | 1337 |
| 13:00 | 14:00 | 899 | 435   | 31       | 32   | 0 | 1258 | 1397 |
| 14:00 | 15:00 | 890 | 394   | 43       | 31   | 0 | 1257 | 1358 |
| 15:00 | 16:00 | 850 | 440   | 43       | 34   | 0 | 1246 | 1367 |
| 16:00 | 17:00 | 808 | 340   | 37       | 30   | 0 | 1131 | 1215 |
| 17:00 | 18:00 | 960 | 534   | 34       | 41   | 0 | 1394 | 1569 |
| 18:00 | 19:00 | 795 | 436   | 17       | 35   | 0 | 1126 | 1283 |
| 19:00 | 20:00 | 598 | 213   | 12       | 31   | 0 | 797  | 854  |
| 20:00 | 21:00 | 385 | 147   | 4        | 23   | 0 | 515  | 559  |
| 21:00 | 22:00 | 290 | 127   | 7        | 22   | 0 | 415  | 446  |
| 22:00 | 23:00 | 191 | 87    | 1        | 23   | 0 | 283  | 302  |
| 23:00 | 0:00  | 156 | 60    | 6        | 20   | 0 | 241  | 242  |



## 1 > 3 Av. Saudade em frente

| Period   |       |       |     |      | Período | Manhã |   | T TU. |          |     |          |
|--|-------|-------|-----|------|---------|-------|---|-------|----------|-----|----------|
| Octob   Octo | Perí  | odo   |     |      |         |       |   |       |          |     |          |
| 0:15   | de    | até   | Car | Moto | Truck   | Bus   | - | PC    | U        | VE  | C        |
| 18   | 0:00  | 0:15  | 22  | 8    | 0       | 3     | 0 | 32    |          | 33  |          |
| 0:45   | 0:15  | 0:30  | 19  | 4    | 0       | 0     | 0 | 21    | _        | 23  |          |
| 1:00   | 0:30  | 0:45  | 12  | 4    | 0       | 2     | 0 | 18    | <b>∞</b> | 18  | 8        |
| 1:15   | 0:45  | 1:00  | 11  | 2    | 0       | 0     | 0 | 12    |          | 13  |          |
| 1:30   | 1:00  | 1:15  | 14  | 8    | 0       | 0     | 0 | 18    |          | 22  |          |
| 1:30   | 1:15  | 1:30  | 4   | 5    | 0       | 0     | 0 | 7     | ဖ        | 9   |          |
| 2:15   | 1:30  | 1:45  | 12  | 2    | 0       | 0     | 0 | 13    | ũ        | 14  | 9        |
| 2:15         2:30         5         1         2         0         0         11         8         6         2         2         3         2         0         0         0         5         6         4         2         0         0         0         5         6         6         11         1         0         10         11         11           3:00         3:15         3:30         7         2         0         0         0         8         7         9         5         9         1         4         4         4         9         1         4         4         9         1         4         9         1         4         9         1         4         9         1         4         9  | 1:45  | 2:00  | 12  | 3    | 1       | 1     | 0 | 18    |          | 17  |          |
| 2:30   | 2:00  | 2:15  | 3   | 1    | 0       | 0     | 0 | 4     |          | 4   |          |
| 2:45   | 2:15  | 2:30  | 5   | 1    | 2       | 0     | 0 | 11    |          | 8   | _        |
| 3:00 3:15 3 4 0 0 0 0 5 5 9 9 5 3:30 7 2 0 0 0 0 8 8 9 5 5 9 9 6 5 9 9 6 5 9 9 6 5 9 9 6 5 9 9 6 5 9 9 6 5 9 9 6 5 9 9 6 5 9 9 9 6 5 9 9 9 6 5 9 9 9 6 5 9 9 9 6 5 9 9 9 6 7 9 9 6 7 9 9 9 7 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 2:30  | 2:45  | 4   | 2    | 0       | 0     | 0 | 5     | 7        | 6   | 56       |
| 3:15       3:30       7       2       0       0       0       8       9       5         3:30       3:45       2       3       0       0       0       4       4       6       2       1       0       0       0       9       9       6       2       1       1       0       12       0       0       0       3       4       4       4:15       4:30       6       2       1       1       0       12       0       0       0       0       8       4       4       4:45       7       2       0       0       0        0       8       4       4       4:45       5:00       12       0       1       1       0       17       14       4       5:00       5:15       12       9       3       3       0       30       30       27       27       5:15       5:15       12       9       3       3       0       30       27       27       5       6       6       1       7       0       58       8       6       38       0       8       0       103       110       1       1       0       1 <t< th=""><th>2:45</th><th>3:00</th><th>6</th><th>4</th><th>0</th><th>1</th><th>0</th><th>10</th><th></th><th>11</th><th></th></t<>  | 2:45  | 3:00  | 6   | 4    | 0       | 1     | 0 | 10    |          | 11  |          |
| 3:30 3:45 2 3 0 0 0 0 4 8 5 9 4 6 16 8 0 302 FE 208 1 1 1 1 0 349 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 3:00  | 3:15  | 3   | 4    | 0       | 0     | 0 | 5     |          | 7   |          |
| 3:30 3:45 2 3 0 0 0 0 4 5 9 9 4 0 0 4 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0  | 3:15  | 3:30  | 7   | 2    | 0       | 0     | 0 | 8     | ın       | 9   |          |
| 4:00       4:15       1       3       0       0       0       3       4       4:15       4:30       6       2       1       1       0       12       4:30       6       2       1       1       0       12       4       10       9       4:45       7       2       0       0       0       0       8       9       14       14       10       17       14       10       17       14       10       17       14  | 3:30  | 3:45  | 2   | 3    | 0       | 0     | 0 | 4     | 72       | 5   | <u>ب</u> |
| 4:15       4:30       6       2       1       1       0       12       8       9       10       8       4:430       4:45       7       2       0       0       0       8       9       14       4:45       5:00       12       0       1       1       0       17       14       14       14       14       15:00       5:15       12       9       3       3       0       30 </th <th>3:45</th> <th>4:00</th> <th>8</th> <th>1</th> <th>0</th> <th>0</th> <th>0</th> <th>9</th> <th></th> <th>9</th> <th></th>  | 3:45  | 4:00  | 8   | 1    | 0       | 0     | 0 | 9     |          | 9   |          |
| 4:30       4:45       7       2       0       0       0       8       9       8       9       14         4:45       5:00       12       0       1       1       0       17       14       14         5:00       5:15       12       9       3       3       0       30       27       27       5:15       5:30       16       8       2       3       0       31       29       82       27       1       7       0       58       63       63       110       29       82       63       110       6:00       6:00       56        46       1       7       0       96       63       110       6:15       68       38       0       8       0       103       114       86       6:30       82       47       1       16       0       140       403       410       403       403       403       403       403       403       403       400       403       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400 <th>4:00</th> <th>4:15</th> <th>1</th> <th>3</th> <th>0</th> <th>0</th> <th>0</th> <th>3</th> <th></th> <th>4</th> <th></th>  | 4:00  | 4:15  | 1   | 3    | 0       | 0     | 0 | 3     |          | 4   |          |
| 4:30   | 4:15  | 4:30  | 6   | 2    | 1       | 1     | 0 | 12    | മ        | 10  |          |
| 5:00         5:15         12         9         3         3         0         30         27         29         8         2         3         0         31         25         29         8         2         3         0         31         29         8         2         3         0         31         25         29         8         2         3         0         31         30         31         20         30         31         30         31         30         31         30         31         30         31         30         31         30         31         30         31         30         31         40 <th< th=""><th>4:30</th><th>4:45</th><th>7</th><th>2</th><th>0</th><th>0</th><th>0</th><th>8</th><th>က်</th><th>9</th><th>3.</th></th<>  | 4:30  | 4:45  | 7   | 2    | 0       | 0     | 0 | 8     | က်       | 9   | 3.       |
| 5:15         5:30         16         8         2         3         0         31         5         29         8           5:30         5:45         28         27         1         7         0         58         7         63         8           5:45         6:00         56         46         1         7         0         96         110           6:00         6:15         68         38         0         8         0         103         114           6:15         6:30         82         47         1         16         0         140         7         140         7         140         140         7         140         140         140         7         140         145         141         14         14 </th <th>4:45</th> <th>5:00</th> <th>12</th> <th>0</th> <th>1</th> <th>1</th> <th>0</th> <th>17</th> <th></th> <th>14</th> <th></th>  | 4:45  | 5:00  | 12  | 0    | 1       | 1     | 0 | 17    |          | 14  |          |
| 5:30         5:45         28         27         1         7         0         58         63         8           5:45         6:00         56         46         1         7         0         96         110           6:00         6:15         68         38         0         8         0         103         114         6:15         6:30         82         47         1         16         0         140         7         146         140         7         146         140         7         146         140         7         146         140         7         140 <th>5:00</th> <th>5:15</th> <th>12</th> <th>9</th> <th>3</th> <th>3</th> <th>0</th> <th>30</th> <th></th> <th>27</th> <th></th>  | 5:00  | 5:15  | 12  | 9    | 3       | 3     | 0 | 30    |          | 27  |          |
| 5:45         6:00         56         46         1         7         0         96         110           6:00         6:15         68         38         0         8         0         103         24         114         25         114         116         0         140         25         114         146         110         140         25         114         146         16         0         103         140         25         114         146         16         0         140         25         114         146         16         0         140         25         114         146         16         0         170         18         0         403         403         433         400         433         400         770         7715         262         115         7         16         0         369         400         403         400         403         400         404         405         400         405         400         405         404         405         515         10         368         368         368         368         368         378         386         388         388         36         378         378         388   | 5:15  | 5:30  | 16  | 8    | 2       | 3     | 0 | 31    | rc<br>2  | 29  | ရ        |
| 6:00 6:15 68 38 0 8 0 103 FF   | 5:30  | 5:45  | 28  | 27   | 1       | 7     | 0 | 58    | 72       | 63  | 22       |
| 6:15         6:30         82         47         1         16         0         140         EX         48         105         88         146         105         140         EX         146         105         140         140         140         140         140         140         140         140         140         140         140         140         140         140         140         140         140         140         143         143         143         143         143         143         143         144   | 5:45  | 6:00  | 56  | 46   | 1       | 7     | 0 | 96    |          | 110 |          |
| 6:30 6:45 67 31 1 6 0 97 7 433 7:00 278 127 10 18 0 403 433 7:00 7:15 262 115 7 16 0 369 7:15 7:30 252 128 9 15 0 369 7:45 8:00 259 233 8 15 0 426 7:45 8:30 215 111 9 13 0 319 8:45 237 116 16 9 0 353 8:45 9:00 245 114 10 11 0 349 9:00 9:15 222 95 8 7 0 304 9:45 10:00 220 91 11 5 0 303 9:45 209 73 16 9 0 304 9:45 10:00 10:15 230 100 9 13 0 329 9:45 10:30 10:45 178 96 16 8 0 302 7  | 6:00  | 6:15  | 68  | 38   | 0       | 8     | 0 | 103   |          | 114 |          |
| 6:45 7:00 278 127 10 18 0 403 433  7:00 7:15 262 115 7 16 0 369 400  7:15 7:30 252 128 9 15 0 369 405  7:45 8:00 259 233 8 15 0 426  8:00 8:15 215 145 12 14 0 346  8:15 8:30 215 111 9 13 0 319 8 348  8:30 8:45 237 116 16 9 0 353  8:45 9:00 245 114 10 11 0 349  9:00 9:15 222 95 8 7 0 304  9:15 9:30 214 76 16 7 0 306  9:30 9:45 209 73 16 9 0 304  9:45 10:00 220 91 11 5 0 303  9:45 10:00 220 91 11 5 0 303  10:15 10:30 199 95 10 4 0 280  10:30 10:45 178 96 16 8 0 282  10:45 11:00 208 76 16 8 0 302   | 6:15  | 6:30  | 82  | 47   | 1       | 16    | 0 | 140   | က္       | 146 | ω        |
| 7:00       7:15       262       115       7       16       0       369       400       404       404       404       404       405       7:30       7:45       242       143       5       15       0       369       406       404       405       515       0       369       400       404       405       7:30       7:45       242       143       5       15       0       369       400       404       405       515       15       0       369       406       405       515       15       0       369       400       404       405       515       15       0       368       400       405       515       15       0       368       368       388       15       0       426       386       388       378       380       388       378       380       378       380  | 6:30  | 6:45  | 67  | 31   | 1       | 6     | 0 | 97    | 2        | 105 | 79       |
| 7:15         7:30         252         128         9         15         0         369         404         405         7:30         7:45         242         143         5         15         0         356         405         405         515         515         6         405         515         6         405         7:45         8:00         259         233         8         15         0         426         515         515         515         515         8:00         8:15         215         145         12         14         0         346         386         388         388         319         388         389         389         389         389         389         389         389         389         389         389         389         389         389         389         389         3   | 6:45  | 7:00  | 278 | 127  | 10      | 18    | 0 | 403   |          | 433 |          |
| 7:30       7:45       242       143       5       15       0       356       405       515         7:45       8:00       259       233       8       15       0       426       515         8:00       8:15       215       145       12       14       0       346       386         8:15       8:30       215       111       9       13       0       319       348       378         8:30       8:45       237       116       16       9       0       353       378       380         9:00       9:15       222       95       8       7       0       304       332       380         9:15       9:30       214       76       16       7       0       306       313       307       327         9:45       10:00       220       91       11       5       0       303       327       352       378       307       327         10:00       10:15       230       100       9       13       0       329       362       362       378       378       378       378       378       378       378       378   | 7:00  | 7:15  | 262 | 115  | 7       | 16    | 0 | 369   |          | 400 |          |
| 7:45         8:00         259         233         8         15         0         426         515           8:00         8:15         215         145         12         14         0         346         386         348         386         348   | 7:15  | 7:30  | 252 | 128  | 9       | 15    | 0 | 369   | 9        | 404 | 4        |
| 8:00     8:15     215     145     12     14     0     346     348     386       8:15     8:30     215     111     9     13     0     319     5     348     378       8:30     8:45     237     116     16     9     0     353     380       9:00     9:15     222     95     8     7     0     304     332       9:15     9:30     214     76     16     7     0     306     303     307       9:30     9:45     209     73     16     9     0     304     307     327       9:45     10:00     220     91     11     5     0     303     307     327       10:00     10:15     230     100     9     13     0     329     352       10:15     10:30     199     95     10     4     0     280     308       10:45     178     96     16     8     0     302     308       10:45     11:00     208     76     16     8     0     302   | 7:30  | 7:45  | 242 | 143  | 5       | 15    | 0 | 356   | 15       | 405 | 17       |
| 8:15       8:30       215       111       9       13       0       319       348       378         8:30       8:45       237       116       16       9       0       353       378       380         9:00       9:15       222       95       8       7       0       304       332       332       313       332       313       337       333       333       333       333       333       333       337   | 7:45  | 8:00  | 259 | 233  | 8       | 15    | 0 | 426   |          | 515 |          |
| 8:30       8:45       237       116       16       9       0       353       2       378       380         8:45       9:00       245       114       10       11       0       349       380       380         9:00       9:15       222       95       8       7       0       304       332       332       332       313       307       313       307       303       307       307       307       327       307       327       307       327       352       307       307       327       352       308  | 8:00  | 8:15  | 215 | 145  | 12      | 14    | 0 | 346   |          | 386 |          |
| 8:45       9:00       245       114       10       11       0       349       380         9:00       9:15       222       95       8       7       0       304       332       332       332       332       332       332       333       333       333       333       333       333       333       333       337   | 8:15  | 8:30  | 215 | 111  | 9       | 13    | 0 | 319   | 29       | 348 | 92       |
| 9:00     9:15     222     95     8     7     0     304     332       9:15     9:30     214     76     16     7     0     306     307       9:30     9:45     209     73     16     9     0     304     307       9:45     10:00     220     91     11     5     0     303     327       10:00     10:15     230     100     9     13     0     329     352       10:15     10:30     199     95     10     4     0     280     6       10:30     10:45     178     96     16     8     0     282     6       10:45     11:00     208     76     16     8     0     302     308   | 8:30  | 8:45  | 237 | 116  | 16      | 9     | 0 | 353   | 13       | 378 | 4        |
| 9:15         9:30         214         76         16         7         0         306         9         313         82         337         9:45         209         73         16         9         0         304         307         327         327         327         327         327         327         327         327         327         327         327         327         327         328         329         352         308 <t< th=""><th>8:45</th><th>9:00</th><th>245</th><th>114</th><th>10</th><th>11</th><th>0</th><th>349</th><th></th><th>380</th><th></th></t<>  | 8:45  | 9:00  | 245 | 114  | 10      | 11    | 0 | 349   |          | 380 |          |
| 9:30     9:45     209     73     16     9     0     304     2     307     327       9:45     10:00     220     91     11     5     0     303     327     327       10:00     10:15     230     100     9     13     0     329     352       10:15     10:30     199     95     10     4     0     280     6     308     298       10:30     10:45     178     96     16     8     0     282     298     308       10:45     11:00     208     76     16     8     0     302     308     308  | 9:00  | 9:15  | 222 | 95   | 8       | 7     | 0 | 304   |          | 332 |          |
| 9:45     10:00     220     91     11     5     0     303     327       10:00     10:15     230     100     9     13     0     329     352       10:15     10:30     199     95     10     4     0     280     6     308     282     298       10:45     11:00     208     76     16     8     0     302     308     308  | 9:15  | 9:30  | 214 | 76   | 16      | 7     | 0 | 306   | 16       | 313 | 62       |
| 10:00     10:15     230     100     9     13     0     329     352       10:15     10:30     199     95     10     4     0     280     5       10:30     10:45     178     96     16     8     0     282     298       10:45     11:00     208     76     16     8     0     302     308   | 9:30  | 9:45  | 209 | 73   | 16      | 9     | 0 | 304   | 12       | 307 | 12       |
| 10:15     10:30     199     95     10     4     0     280     8     298       10:30     10:45     178     96     16     8     0     282     298       10:45     11:00     208     76     16     8     0     302     308  | 9:45  | 10:00 | 220 | 91   | 11      | 5     | 0 | 303   |          | 327 |          |
| 10:30     10:45     178     96     16     8     0     282     298       10:45     11:00     208     76     16     8     0     302     308  | 10:00 | 10:15 | 230 | 100  | 9       | 13    | 0 | 329   |          | 352 |          |
| <b>10:45 11:00</b> 208 76 16 8 0 302 308   | 10:15 | 10:30 | 199 | 95   | 10      | 4     | 0 | 280   | 92       | 308 | 99       |
|  | 10:30 | 10:45 | 178 | 96   | 16      | 8     | 0 | 282   | 7        | 298 | 12       |
| <b>11:00 11:15</b> 199 102 9 11 0 295 321  | 10:45 | 11:00 | 208 | 76   | 16      | 8     | 0 | 302   |          | 308 |          |
|  | 11:00 | 11:15 | 199 | 102  | 9       | 11    | 0 | 295   |          | 321 |          |
| 11:15 11:30 209 97 9 6 0 292 <b>9</b> 321 <b>9</b>   | 11:15 | 11:30 | 209 | 97   | 9       | 6     | 0 | 292   | 30       | 321 | 43       |
| 11:15     11:30     209     97     9     6     0     292     8     321     7       11:30     11:45     218     97     6     7     0     296     7     328  | 11:30 | 11:45 | 218 | 97   | 6       | 7     | 0 | 296   | 7        | 328 | 12       |
| <b>11:45 12:00</b> 176 83 5 9 0 248 273  | 11:45 | 12:00 | 176 | 83   | 5       | 9     | 0 | 248   |          | 273 |          |

|       |       |     |       | Período T | arde |   |      |          |     |          |
|-------|-------|-----|-------|-----------|------|---|------|----------|-----|----------|
| Perí  | íodo  | Car | Moto  | Truck     | Bus  | _ | PC   | 11       | VE  | ·C       |
| de    | até   | Cai | WIOLO | Huck      | Dus  |   | -    |          | ٧.  |          |
| 12:00 | 12:15 | 201 | 131   | 8         | 8    | 0 | 303  |          | 348 |          |
| 12:15 | 12:30 | 189 | 104   | 7         | 7    | 0 | 273  | 1192     | 307 | 1337     |
| 12:30 | 12:45 | 207 | 89    | 4         | 6    | 0 | 274  | =        | 306 | 2        |
| 12:45 | 13:00 | 253 | 106   | 6         | 11   | 0 | 343  |          | 376 |          |
| 13:00 | 13:15 | 216 | 100   | 6         | 9    | 0 | 299  |          | 331 |          |
| 13:15 | 13:30 | 239 | 111   | 8         | 7    | 0 | 329  | 1258     | 365 | 1397     |
| 13:30 | 13:45 | 243 | 123   | 5         | 10   | 0 | 337  | 7        | 381 | 5        |
| 13:45 | 14:00 | 201 | 101   | 12        | 6    | 0 | 294  |          | 320 |          |
| 14:00 | 14:15 | 206 | 94    | 8         | 7    | 0 | 287  |          | 315 |          |
| 14:15 | 14:30 | 212 | 91    | 15        | 8    | 0 | 311  | 1257     | 326 | 1358     |
| 14:30 | 14:45 | 247 | 111   | 11        | 9    | 0 | 348  | 15       | 378 | 13       |
| 14:45 | 15:00 | 225 | 98    | 9         | 7    | 0 | 311  |          | 339 |          |
| 15:00 | 15:15 | 199 | 114   | 8         | 5    | 0 | 286  |          | 326 |          |
| 15:15 | 15:30 | 225 | 104   | 9         | 8    | 0 | 316  | 1246     | 346 | 29       |
| 15:30 | 15:45 | 219 | 123   | 13        | 13   | 0 | 339  | 12       | 368 | 1367     |
| 15:45 | 16:00 | 207 | 99    | 13        | 8    | 0 | 305  |          | 327 |          |
| 16:00 | 16:15 | 190 | 93    | 7         | 10   | 0 | 274  |          | 300 |          |
| 16:15 | 16:30 | 203 | 77    | 7         | 4    | 0 | 267  | 31       | 291 | 15       |
| 16:30 | 16:45 | 202 | 80    | 12        | 11   | 0 | 294  | 1131     | 305 | 121      |
| 16:45 | 17:00 | 213 | 90    | 11        | 5    | 0 | 296  |          | 319 |          |
| 17:00 | 17:15 | 241 | 116   | 11        | 7    | 0 | 341  |          | 375 |          |
| 17:15 | 17:30 | 255 | 138   | 6         | 13   | 0 | 365  | 46       | 412 | 1569     |
| 17:30 | 17:45 | 251 | 145   | 6         | 8    | 0 | 355  | 1394     | 410 |          |
| 17:45 | 18:00 | 213 | 135   | 11        | 13   | 0 | 334  |          | 372 |          |
| 18:00 | 18:15 | 258 | 175   | 2         | 10   | 0 | 371  |          | 445 |          |
| 18:15 | 18:30 | 192 | 108   | 4         | 8    | 0 | 272  | 56       | 312 | င္ထ      |
| 18:30 | 18:45 | 156 | 69    | 6         | 10   | 0 | 226  | 1126     | 241 | 1283     |
| 18:45 | 19:00 | 189 | 84    | 5         | 7    | 0 | 258  |          | 285 |          |
| 19:00 | 19:15 | 175 | 68    | 1         | 10   | 0 | 232  |          | 254 |          |
| 19:15 | 19:30 | 168 | 60    | 5         | 10   | 0 | 231  | <u>_</u> | 243 | 4        |
| 19:30 | 19:45 | 147 | 41    | 3         | 7    | 0 | 189  | 797      | 198 | 854      |
| 19:45 | 20:00 | 108 | 44    | 3         | 4    | 0 | 146  |          | 159 |          |
| 20:00 | 20:15 | 117 | 33    | 1         | 9    | 0 | 154  |          | 160 |          |
| 20:15 | 20:30 | 77  | 35    | 1         | 3    | 0 | 103  | 2        | 116 | <u>.</u> |
| 20:30 | 20:45 | 116 | 49    | 0         | 6    | 0 | 153  | 515      | 171 | 559      |
| 20:45 | 21:00 | 75  | 30    | 2         | 5    | 0 | 105  |          | 112 |          |
| 21:00 | 21:15 | 71  | 31    | 2         | 4    | 0 | 100  |          | 108 |          |
| 21:15 | 21:30 | 73  | 35    | 1         | 6    | 0 | 105  | 2        | 115 | ؈        |
| 21:30 | 21:45 | 62  | 28    | 2         | 7    | 0 | 95   | 415      | 99  | 446      |
| 21:45 | 22:00 | 84  | 33    | 2         | 5    | 0 | 116  |          | 124 |          |
| 22:00 | 22:15 | 61  | 31    | 0         | 9    | 0 | 95   |          | 101 |          |
| 22:15 | 22:30 | 38  | 25    | 1         | 5    | 0 | 63   | က        | 69  | N        |
| 22:30 | 22:45 | 50  | 18    | 0         | 4    | 0 | 67   | 283      | 72  | 302      |
| 22:45 | 23:00 | 42  | 13    | 0         | 5    | 0 | 59   |          | 60  |          |
| 23:00 | 23:15 | 41  | 25    | 1         | 6    | 0 | 68   |          | 73  |          |
| 23:15 | 23:30 | 39  | 19    | 2         | 3    | 0 | 60   | _        | 63  | 8        |
| 23:30 | 23:45 | 37  | 8     | 2         | 3    | 0 | 52   | 4        | 50  | 242      |
| 23:45 | 0:00  | 39  | 8     | 1         | 8    | 0 | 62   |          | 56  |          |
| 0.70  | 3.00  |     |       |           | J    | Ŭ | _ ~_ |          |     |          |



## 1 > 4 Av. Saudade conv à R. Fernão Sales



## Fluxo veicular a cada hora

|       |       |     | Pe    | ríodo M | anhã |   |      |     |
|-------|-------|-----|-------|---------|------|---|------|-----|
| Perí  | odo   | Car | Moto  | Truck   | Bus  | _ | PCU  | VEC |
| de    | até   | Cai | WIOLO | Huck    | Dus  | _ | 1 00 | VLC |
| 0:00  | 1:00  | 3   | 4     | 1       | 0    | 0 | 8    | 8   |
| 1:00  | 2:00  | 4   | 2     | 0       | 0    | 0 | 5    | 6   |
| 2:00  | 3:00  | 1   | 0     | 0       | 0    | 0 | 1    | 1   |
| 3:00  | 4:00  | 2   | 0     | 1       | 0    | 0 | 5    | 3   |
| 4:00  | 5:00  | 2   | 0     | 1       | 0    | 0 | 5    | 3   |
| 5:00  | 6:00  | 9   | 3     | 0       | 0    | 0 | 11   | 12  |
| 6:00  | 7:00  | 14  | 6     | 1       | 0    | 0 | 20   | 21  |
| 7:00  | 8:00  | 42  | 8     | 1       | 1    | 0 | 51   | 52  |
| 8:00  | 9:00  | 59  | 18    | 4       | 0    | 0 | 78   | 81  |
| 9:00  | 10:00 | 44  | 15    | 7       | 0    | 0 | 69   | 66  |
| 10:00 | 11:00 | 49  | 24    | 7       | 0    | 0 | 79   | 80  |
| 11:00 | 12:00 | 52  | 15    | 4       | 0    | 0 | 70   | 71  |

|       |       |     | P     | eríodo T | arde |   |     |     |
|-------|-------|-----|-------|----------|------|---|-----|-----|
| Perí  | odo   | Car | Moto  | Truck    | Bus  |   | PCU | VEC |
| de    | até   | Cai | WIOLO | HUCK     | Dus  | - | PCU | VEC |
| 12:00 | 13:00 | 31  | 13    | 3        | 0    | 0 | 45  | 47  |
| 13:00 | 14:00 | 55  | 10    | 4        | 0    | 0 | 70  | 69  |
| 14:00 | 15:00 | 37  | 17    | 3        | 0    | 0 | 53  | 57  |
| 15:00 | 16:00 | 52  | 16    | 2        | 0    | 0 | 65  | 70  |
| 16:00 | 17:00 | 44  | 16    | 2        | 0    | 0 | 57  | 62  |
| 17:00 | 18:00 | 61  | 24    | 2        | 0    | 0 | 78  | 87  |
| 18:00 | 19:00 | 61  | 20    | 2        | 1    | 0 | 78  | 84  |
| 19:00 | 20:00 | 24  | 12    | 1        | 0    | 0 | 33  | 37  |
| 20:00 | 21:00 | 17  | 6     | 0        | 0    | 0 | 20  | 23  |
| 21:00 | 22:00 | 22  | 9     | 0        | 0    | 0 | 27  | 31  |
| 22:00 | 23:00 | 8   | 3     | 0        | 0    | 0 | 10  | 11  |
| 23:00 | 0:00  | 7   | 2     | 0        | 0    | 0 | 8   | 9   |



1 > 4 Av. Saudade conv à R. Fernão Sales

|            |             |     |      |         |       |   | - 14 |      | ercui |     |
|------------|-------------|-----|------|---------|-------|---|------|------|-------|-----|
| Domi       | `I-         |     |      | Período | Manhã |   | I    |      | l     |     |
| Perí       | 1 -         | Car | Moto | Truck   | Bus   | - | PC   | U    | VE    | С   |
| de<br>0:00 | até<br>0:15 | 1   | 2    | 0       | 0     | 0 | 2    |      | 3     |     |
| 0:00       | 0:30        | 0   | 0    | 0       | 0     | 0 | 0    |      | 0     |     |
| 0:30       | 0:45        | 1   | 2    | 1       | 0     | 0 | 5    | ω    | 4     | · & |
| 0:45       | 1:00        | 1   | 0    | 0       | 0     | 0 | 1    |      | 1     |     |
| 1:00       | 1:15        | 1   | 0    | 0       | 0     | 0 | 1    |      | 1     |     |
|            |             |     | -    |         |       |   |      |      |       |     |
| 1:15       | 1:30        | 3   | 2    | 0       | 0     | 0 | 4    | ro.  | 5     | 9   |
| 1:30       | 1:45        | 0   | 0    | 0       | 0     | 0 | 0    |      | 0     |     |
| 1:45       | 2:00        | 0   | 0    | 0       | 0     | 0 | 0    |      | 0     |     |
| 2:00       | 2:15        | 0   | 0    | 0       | 0     | 0 | 0    |      | 0     |     |
| 2:15       | 2:30        | 0   | 0    | 0       | 0     | 0 | 0    | -    | 0     | -   |
| 2:30       | 2:45        | 1   | 0    | 0       | 0     | 0 | 1    |      | 1     |     |
| 2:45       | 3:00        | 0   | 0    | 0       | 0     | 0 | 0    |      | 0     |     |
| 3:00       | 3:15        | 1   | 0    | 0       | 0     | 0 | 1    |      | 1     |     |
| 3:15       | 3:30        | 0   | 0    | 0       | 0     | 0 | 0    | Ω.   | 0     | က   |
| 3:30       | 3:45        | 0   | 0    | 1       | 0     | 0 | 3    |      | 1     |     |
| 3:45       | 4:00        | 1   | 0    | 0       | 0     | 0 | 1    |      | 1     |     |
| 4:00       | 4:15        | 0   | 0    | 0       | 0     | 0 | 0    |      | 0     |     |
| 4:15       | 4:30        | 1   | 0    | 0       | 0     | 0 | 1    | r.   | 1     | က   |
| 4:30       | 4:45        | 0   | 0    | 0       | 0     | 0 | 0    |      | 0     |     |
| 4:45       | 5:00        | 1   | 0    | 1       | 0     | 0 | 4    |      | 2     |     |
| 5:00       | 5:15        | 2   | 2    | 0       | 0     | 0 | 3    |      | 4     |     |
| 5:15       | 5:30        | 2   | 0    | 0       | 0     | 0 | 2    | 7    | 2     | 12  |
| 5:30       | 5:45        | 4   | 0    | 0       | 0     | 0 | 4    | ,    | 4     | `   |
| 5:45       | 6:00        | 1   | 1    | 0       | 0     | 0 | 2    |      | 2     |     |
| 6:00       | 6:15        | 1   | 2    | 0       | 0     | 0 | 2    |      | 3     |     |
| 6:15       | 6:30        | 3   | 0    | 1       | 0     | 0 | 6    | 20   | 4     | 51  |
| 6:30       | 6:45        | 3   | 0    | 0       | 0     | 0 | 3    | '`   | 3     | `   |
| 6:45       | 7:00        | 7   | 4    | 0       | 0     | 0 | 9    |      | 11    |     |
| 7:00       | 7:15        | 10  | 3    | 0       | 0     | 0 | 12   |      | 13    |     |
| 7:15       | 7:30        | 9   | 2    | 0       | 0     | 0 | 10   | 51   | 11    | 52  |
| 7:30       | 7:45        | 10  | 3    | 0       | 0     | 0 | 12   | ري ا | 13    | ις; |
| 7:45       | 8:00        | 13  | 0    | 1       | 1     | 0 | 18   |      | 15    |     |
| 8:00       | 8:15        | 18  | 6    | 2       | 0     | 0 | 26   |      | 26    |     |
| 8:15       | 8:30        | 16  | 4    | 2       | 0     | 0 | 23   | 82   | 22    | 81  |
| 8:30       | 8:45        | 14  | 4    | 0       | 0     | 0 | 16   |      | 18    | , w |
| 8:45       | 9:00        | 11  | 4    | 0       | 0     | 0 | 13   |      | 15    |     |
| 9:00       | 9:15        | 14  | 6    | 3       | 0     | 0 | 25   |      | 23    |     |
| 9:15       | 9:30        | 3   | 3    | 1       | 0     | 0 | 7    | 69   | 7     | 99  |
| 9:30       | 9:45        | 14  | 1    | 2       | 0     | 0 | 20   | 9    | 17    | 9   |
| 9:45       | 10:00       | 13  | 5    | 1       | 0     | 0 | 18   |      | 19    |     |
| 10:00      | 10:15       | 14  | 10   | 2       | 0     | 0 | 24   |      | 26    |     |
| 10:15      | 10:30       | 9   | 6    | 2       | 0     | 0 | 17   | 6    | 17    |     |
| 10:30      | 10:45       | 9   | 5    | 2       | 0     | 0 | 17   | 79   | 16    | 80  |
| 10:45      | 11:00       | 17  | 3    | 1       | 0     | 0 | 21   | 1    | 21    |     |
| 11:00      | 11:15       | 10  | 6    | 2       | 0     | 0 | 18   |      | 18    |     |
| 11:15      | 11:30       | 8   | 1    | 0       | 0     | 0 | 9    |      | 9     |     |
| 11:30      | 11:45       | 10  | 3    | 1       | 0     | 0 | 14   | 2    | 14    | 7   |
| 11:45      | 12:00       | 24  | 5    | 1       | 0     | 0 | 29   |      | 30    |     |
| + -        | . 2.00      | ~ ' |      |         |       |   |      |      | 55    |     |

|            |            | Período Tarde |      |       |     |   |    |          |    |     |
|------------|------------|---------------|------|-------|-----|---|----|----------|----|-----|
| Perí<br>de | odo<br>até | Car           | Moto | Truck | Bus | - | PC | U        | VE | c   |
| 12:00      | 12:15      | 9             | 3    | 1     | 0   | 0 | 13 |          | 13 |     |
| 12:15      | 12:30      | 8             | 4    | 1     | 0   | 0 | 13 | LC       | 13 | _   |
| 12:30      | 12:45      | 5             | 3    | 0     | 0   | 0 | 7  | 45       | 8  | 47  |
| 12:45      | 13:00      | 9             | 3    | 1     | 0   | 0 | 13 |          | 13 |     |
| 13:00      | 13:15      | 12            | 3    | 0     | 0   | 0 | 14 |          | 15 |     |
| 13:15      | 13:30      | 15            | 2    | 0     | 0   | 0 | 16 | 20       | 17 | 6   |
| 13:30      | 13:45      | 16            | 2    | 1     | 0   | 0 | 20 | 7        | 19 | 69  |
| 13:45      | 14:00      | 12            | 3    | 3     | 0   | 0 | 21 |          | 18 |     |
| 14:00      | 14:15      | 5             | 5    | 0     | 0   | 0 | 8  |          | 10 |     |
| 14:15      | 14:30      | 13            | 4    | 1     | 0   | 0 | 18 | 53       | 18 | 7   |
| 14:30      | 14:45      | 12            | 6    | 0     | 0   | 0 | 15 | 5        | 18 | 57  |
| 14:45      | 15:00      | 7             | 2    | 2     | 0   | 0 | 13 |          | 11 |     |
| 15:00      | 15:15      | 11            | 5    | 1     | 0   | 0 | 16 |          | 17 |     |
| 15:15      | 15:30      | 17            | 5    | 1     | 0   | 0 | 22 | 65       | 23 | 70  |
| 15:30      | 15:45      | 13            | 3    | 0     | 0   | 0 | 15 | 9        | 16 | 7   |
| 15:45      | 16:00      | 11            | 3    | 0     | 0   | 0 | 13 |          | 14 |     |
| 16:00      | 16:15      | 5             | 1    | 1     | 0   | 0 | 8  |          | 7  |     |
| 16:15      | 16:30      | 13            | 7    | 0     | 0   | 0 | 17 | 22       | 20 | 62  |
| 16:30      | 16:45      | 14            | 4    | 1     | 0   | 0 | 19 | 2        | 19 | 9   |
| 16:45      | 17:00      | 12            | 4    | 0     | 0   | 0 | 14 |          | 16 |     |
| 17:00      | 17:15      | 13            | 5    | 0     | 0   | 0 | 16 |          | 18 |     |
| 17:15      | 17:30      | 16            | 7    | 1     | 0   | 0 | 22 | 78       | 24 | 87  |
| 17:30      | 17:45      | 19            | 9    | 1     | 0   | 0 | 26 | 7        | 29 | 8   |
| 17:45      | 18:00      | 13            | 3    | 0     | 0   | 0 | 15 |          | 16 |     |
| 18:00      | 18:15      | 32            | 11   | 1     | 0   | 0 | 40 |          | 44 |     |
| 18:15      | 18:30      | 8             | 4    | 0     | 1   | 0 | 12 | 78       | 13 | 84  |
| 18:30      | 18:45      | 11            | 2    | 1     | 0   | 0 | 15 | 7        | 14 | 8   |
| 18:45      | 19:00      | 10            | 3    | 0     | 0   | 0 | 12 |          | 13 |     |
| 19:00      | 19:15      | 6             | 2    | 0     | 0   | 0 | 7  |          | 8  |     |
| 19:15      | 19:30      | 5             | 4    | 0     | 0   | 0 | 7  | 33       | 9  | 37  |
| 19:30      | 19:45      | 6             | 2    | 1     | 0   | 0 | 10 | ຕ        | 9  | က   |
| 19:45      | 20:00      | 7             | 4    | 0     | 0   | 0 | 9  |          | 11 |     |
| 20:00      | 20:15      | 6             | 3    | 0     | 0   | 0 | 8  |          | 9  |     |
| 20:15      | 20:30      | 2             | 0    | 0     | 0   | 0 | 2  | 20       | 2  | 23  |
| 20:30      | 20:45      | 7             | 1    | 0     | 0   | 0 | 8  | (7)      | 8  | 7   |
| 20:45      | 21:00      | 2             | 2    | 0     | 0   | 0 | 3  |          | 4  |     |
| 21:00      | 21:15      | 6             | 4    | 0     | 0   | 0 | 8  |          | 10 |     |
| 21:15      | 21:30      | 6             | 3    | 0     | 0   | 0 | 8  | 27       | 9  | 31  |
| 21:30      | 21:45      | 5             | 2    | 0     | 0   | 0 | 6  | (1)      | 7  | (7) |
| 21:45      | 22:00      | 5             | 0    | 0     | 0   | 0 | 5  |          | 5  |     |
| 22:00      | 22:15      | 1             | 1    | 0     | 0   | 0 | 2  |          | 2  |     |
| 22:15      | 22:30      | 3             | 0    | 0     | 0   | 0 | 3  | 10       | 3  | 1   |
| 22:30      | 22:45      | 1             | 1    | 0     | 0   | 0 | 2  | <b>-</b> | 2  | 「   |
| 22:45      | 23:00      | 3             | 1    | 0     | 0   | 0 | 4  |          | 4  |     |
| 23:00      | 23:15      | 3             | 1    | 0     | 0   | 0 | 4  |          | 4  |     |
| 23:15      | 23:30      | 1             | 1    | 0     | 0   | 0 | 2  | 8        | 2  | 6   |
| 23:30      | 23:45      | 1             | 0    | 0     | 0   | 0 | 1  |          | 1  |     |
| 23:45      | 0:00       | 2             | 0    | 0     | 0   | 0 | 2  |          | 2  |     |



## 2 > 1 R. Fernão Sales conv à dir. Av. Saudade



## Fluxo veicular a cada hora

|       |       |     | Pe    | ríodo M | anhã |   |     |     |
|-------|-------|-----|-------|---------|------|---|-----|-----|
| Perí  | odo   | Cor | Moto  | Truck   | Bus  |   | PCU | VEC |
| de    | até   | Car | WIOTO | Truck   | bus  | - | PCU | VEC |
| 0:00  | 1:00  | 10  | 3     | 0       | 8    | 0 | 28  | 21  |
| 1:00  | 2:00  | 4   | 1     | 1       | 1    | 0 | 9   | 7   |
| 2:00  | 3:00  | 4   | 0     | 0       | 1    | 0 | 6   | 5   |
| 3:00  | 4:00  | 1   | 1     | 0       | 1    | 0 | 4   | 3   |
| 4:00  | 5:00  | 5   | 1     | 0       | 0    | 0 | 6   | 6   |
| 5:00  | 6:00  | 10  | 6     | 1       | 9    | 0 | 34  | 26  |
| 6:00  | 7:00  | 0   | 0     | 0       | 0    | 0 | 0   | 0   |
| 7:00  | 8:00  | 54  | 15    | 0       | 13   | 0 | 88  | 82  |
| 8:00  | 9:00  | 96  | 21    | 5       | 18   | 0 | 155 | 140 |
| 9:00  | 10:00 | 97  | 20    | 5       | 17   | 0 | 154 | 139 |
| 10:00 | 11:00 | 89  | 21    | 5       | 16   | 0 | 144 | 131 |
| 11:00 | 12:00 | 78  | 32    | 4       | 20   | 0 | 144 | 134 |

|       |       |     | P     | eríodo T | arde |   |     |     |
|-------|-------|-----|-------|----------|------|---|-----|-----|
| Perí  | odo   | Car | Moto  | Truck    | Bus  |   | PCU | VEC |
| de    | até   | Cai | WIOLO | HUCK     | Dus  | _ | PCU | VEC |
| 12:00 | 13:00 | 72  | 24    | 3        | 18   | 0 | 128 | 117 |
| 13:00 | 14:00 | 81  | 24    | 3        | 18   | 0 | 137 | 126 |
| 14:00 | 15:00 | 80  | 17    | 5        | 18   | 0 | 137 | 120 |
| 15:00 | 16:00 | 98  | 20    | 5        | 16   | 0 | 153 | 139 |
| 16:00 | 17:00 | 77  | 28    | 8        | 24   | 0 | 159 | 137 |
| 17:00 | 18:00 | 85  | 32    | 1        | 21   | 0 | 146 | 139 |
| 18:00 | 19:00 | 82  | 35    | 5        | 23   | 0 | 158 | 145 |
| 19:00 | 20:00 | 58  | 21    | 2        | 20   | 0 | 114 | 101 |
| 20:00 | 21:00 | 31  | 17    | 0        | 16   | 0 | 72  | 64  |
| 21:00 | 22:00 | 39  | 16    | 1        | 15   | 0 | 80  | 71  |
| 22:00 | 23:00 | 26  | 6     | 0        | 16   | 0 | 61  | 48  |
| 23:00 | 0:00  | 9   | 4     | 0        | 12   | 0 | 35  | 25  |



## 2 > 1 R. Fernão Sales conv à dir. Av. Saudade

|       |       |     |      | Período | Manhã |   |    |          |    |                |
|-------|-------|-----|------|---------|-------|---|----|----------|----|----------------|
| Perí  | odo   | Car | Moto | Truck   | Bus   | _ | PC | :U       | VE | c              |
| de    | até   |     |      | - Truck |       |   |    |          |    |                |
| 0:00  | 0:15  | 4   | 1    | 0       | 5     | 0 | 15 |          | 10 | ,              |
| 0:15  | 0:30  | 4   | 1    | 0       | 3     | 0 | 11 | 28       | 8  | 12             |
| 0:30  | 0:45  | 0   | 1    | 0       | 0     | 0 | 1  | '        | 1  | ``             |
| 0:45  | 1:00  | 2   | 0    | 0       | 0     | 0 | 2  |          | 2  |                |
| 1:00  | 1:15  | 2   | 1    | 0       | 1     | 0 | 5  |          | 4  |                |
| 1:15  | 1:30  | 1   | 0    | 1       | 0     | 0 | 4  | 6        | 2  |                |
| 1:30  | 1:45  | 1   | 0    | 0       | 0     | 0 | 1  |          | 1  |                |
| 1:45  | 2:00  | 0   | 0    | 0       | 0     | 0 | 0  |          | 0  |                |
| 2:00  | 2:15  | 2   | 0    | 0       | 0     | 0 | 2  |          | 2  |                |
| 2:15  | 2:30  | 0   | 0    | 0       | 1     | 0 | 2  | 9        | 1  | 2              |
| 2:30  | 2:45  | 1   | 0    | 0       | 0     | 0 | 1  |          | 1  |                |
| 2:45  | 3:00  | 1   | 0    | 0       | 0     | 0 | 1  |          | 1  |                |
| 3:00  | 3:15  | 0   | 0    | 0       | 0     | 0 | 0  |          | 0  |                |
| 3:15  | 3:30  | 1   | 0    | 0       | 0     | 0 | 1  | 4        | 1  | ္က             |
| 3:30  | 3:45  | 0   | 1    | 0       | 0     | 0 | 1  | `        | 1  | '              |
| 3:45  | 4:00  | 0   | 0    | 0       | 1     | 0 | 2  |          | 1  |                |
| 4:00  | 4:15  | 1   | 0    | 0       | 0     | 0 | 1  |          | 1  |                |
| 4:15  | 4:30  | 1   | 0    | 0       | 0     | 0 | 1  | 9        | 1  | 9              |
| 4:30  | 4:45  | 2   | 0    | 0       | 0     | 0 | 2  |          | 2  |                |
| 4:45  | 5:00  | 1   | 1    | 0       | 0     | 0 | 2  |          | 2  |                |
| 5:00  | 5:15  | 0   | 0    | 0       | 1     | 0 | 2  |          | 1  |                |
| 5:15  | 5:30  | 2   | 0    | 1       | 2     | 0 | 9  | 34       | 5  | 56             |
| 5:30  | 5:45  | 2   | 2    | 0       | 3     | 0 | 9  | က        | 7  | 2              |
| 5:45  | 6:00  | 6   | 4    | 0       | 3     | 0 | 14 |          | 13 |                |
| 6:00  | 6:15  | 0   | 0    | 0       | 0     | 0 | 0  |          | 0  |                |
| 6:15  | 6:30  | 0   | 0    | 0       | 0     | 0 | 0  |          | 0  |                |
| 6:30  | 6:45  | 0   | 0    | 0       | 0     | 0 | 0  |          | 0  |                |
| 6:45  | 7:00  | 0   | 0    | 0       | 0     | 0 | 0  |          | 0  |                |
| 7:00  | 7:15  | 0   | 0    | 0       | 0     | 0 | 0  |          | 0  |                |
| 7:15  | 7:30  | 20  | 7    | 0       | 4     | 0 | 32 | 88       | 31 | 82             |
| 7:30  | 7:45  | 20  | 3    | 0       | 3     | 0 | 28 | · ∞      | 26 | <sup>®</sup>   |
| 7:45  | 8:00  | 14  | 5    | 0       | 6     | 0 | 29 |          | 25 |                |
| 8:00  | 8:15  | 24  | 6    | 1       | 4     | 0 | 38 |          | 35 |                |
| 8:15  | 8:30  | 20  | 6    | 2       | 4     | 0 | 36 | 155      | 32 | 140            |
| 8:30  | 8:45  | 30  | 4    | 1       | 3     | 0 | 41 | 7        | 38 | +              |
| 8:45  | 9:00  | 22  | 5    | 1       | 7     | 0 | 41 |          | 35 |                |
| 9:00  | 9:15  | 21  | 5    | 0       | 4     | 0 | 32 |          | 30 |                |
| 9:15  | 9:30  | 26  | 7    | 2       | 2     | 0 | 39 | 154      | 37 | 139            |
| 9:30  | 9:45  | 20  | 2    | 1       | 7     | 0 | 38 | <b>~</b> | 30 | ~              |
| 9:45  | 10:00 | 30  | 6    | 2       | 4     | 0 | 46 |          | 42 |                |
| 10:00 | 10:15 | 25  | 4    | 0       | 2     | 0 | 31 |          | 31 |                |
| 10:15 | 10:30 | 27  | 4    | 2       | 5     | 0 | 44 | 144      | 38 | <sup>~</sup>   |
| 10:30 | 10:45 | 21  | 8    | 3       | 6     | 0 | 45 | 7        | 38 | 13,            |
| 10:45 | 11:00 | 16  | 5    | 0       | 3     | 0 | 25 |          | 24 |                |
| 11:00 | 11:15 | 23  | 5    | 3       | 5     | 0 | 43 |          | 36 |                |
| 11:15 | 11:30 | 16  | 9    | 1       | 4     | 0 | 31 | 4        | 30 | [ <sup>4</sup> |
| 11:30 | 11:45 | 22  | 10   | 0       | 4     | 0 | 35 | 144      | 36 | 134            |
| 11:45 | 12:00 | 17  | 8    | 0       | 7     | 0 | 35 |          | 32 |                |

|       |       |     |      | Período T | arde |   |    |     |    |     |
|-------|-------|-----|------|-----------|------|---|----|-----|----|-----|
|       | odo   | Car | Moto | Truck     | Bus  |   | PC | :U  | VE | Ö   |
| de    | até   |     |      |           | _    |   |    |     |    |     |
| 12:00 | 12:15 | 24  | 1    | 1         | 3    | 0 | 33 |     | 29 |     |
| 12:15 | 12:30 | 16  | 10   | 1         | 5    | 0 | 34 | 128 | 32 | 117 |
| 12:30 | 12:45 | 14  | 4    | 0         | 4    | 0 | 24 | _   | 22 |     |
| 12:45 | 13:00 | 18  | 9    | 1         | 6    | 0 | 37 |     | 34 |     |
| 13:00 | 13:15 | 17  | 6    | 1         | 4    | 0 | 31 |     | 28 |     |
| 13:15 | 13:30 | 24  | 5    | 1         | 4    | 0 | 37 | 137 | 34 | 126 |
| 13:30 | 13:45 | 18  | 8    | 1         | 4    | 0 | 33 | _   | 31 |     |
| 13:45 | 14:00 | 22  | 5    | 0         | 6    | 0 | 37 |     | 33 |     |
| 14:00 | 14:15 | 24  | 4    | 2         | 3    | 0 | 37 |     | 33 |     |
| 14:15 | 14:30 | 21  | 6    | 2         | 4    | 0 | 37 | 137 | 33 | 120 |
| 14:30 | 14:45 | 20  | 3    | 1         | 6    | 0 | 36 | _   | 30 | _   |
| 14:45 | 15:00 | 15  | 4    | 0         | 5    | 0 | 27 |     | 24 |     |
| 15:00 | 15:15 | 25  | 5    | 1         | 4    | 0 | 38 |     | 35 |     |
| 15:15 | 15:30 | 17  | 4    | 2         | 3    | 0 | 30 | 153 | 26 | 139 |
| 15:30 | 15:45 | 31  | 2    | 1         | 6    | 0 | 47 | _   | 40 |     |
| 15:45 | 16:00 | 25  | 9    | 1         | 3    | 0 | 38 |     | 38 |     |
| 16:00 | 16:15 | 16  | 7    | 3         | 4    | 0 | 35 |     | 30 |     |
| 16:15 | 16:30 | 25  | 6    | 2         | 4    | 0 | 41 | 159 | 37 | 137 |
| 16:30 | 16:45 | 15  | 10   | 1         | 6    | 0 | 35 | _   | 32 | _   |
| 16:45 | 17:00 | 21  | 5    | 2         | 10   | 0 | 49 |     | 38 |     |
| 17:00 | 17:15 | 24  | 8    | 0         | 4    | 0 | 36 |     | 36 |     |
| 17:15 | 17:30 | 15  | 7    | 0         | 5    | 0 | 29 | 146 | 27 | 39  |
| 17:30 | 17:45 | 18  | 5    | 1         | 7    | 0 | 37 | _   | 31 | _   |
| 17:45 | 18:00 | 28  | 12   | 0         | 5    | 0 | 44 |     | 45 |     |
| 18:00 | 18:15 | 28  | 10   | 2         | 3    | 0 | 44 |     | 43 |     |
| 18:15 | 18:30 | 26  | 6    | 0         | 5    | 0 | 39 | 158 | 37 | 145 |
| 18:30 | 18:45 | 14  | 10   | 1         | 6    | 0 | 34 | _   | 31 | _   |
| 18:45 | 19:00 | 14  | 9    | 2         | 9    | 0 | 42 |     | 34 |     |
| 19:00 | 19:15 | 12  | 8    | 1         | 4    | 0 | 27 |     | 25 |     |
| 19:15 | 19:30 | 15  | 6    | 0         | 7    | 0 | 32 | 114 | 28 | 101 |
| 19:30 | 19:45 | 18  | 3    | 1         | 3    | 0 | 28 | _   | 25 | _   |
| 19:45 | 20:00 | 13  | 4    | 0         | 6    | 0 | 27 |     | 23 |     |
| 20:00 | 20:15 | 9   | 8    | 0         | 5    | 0 | 23 |     | 22 |     |
| 20:15 | 20:30 | 12  | 5    | 0         | 2    | 0 | 19 | 72  | 19 | 64  |
| 20:30 | 20:45 | 6   | 2    | 0         | 6    | 0 | 19 |     | 14 |     |
| 20:45 | 21:00 | 4   | 2    | 0         | 3    | 0 | 11 |     | 9  |     |
| 21:00 | 21:15 | 11  | 1    | 0         | 4    | 0 | 20 |     | 16 |     |
| 21:15 | 21:30 | 8   | 6    | 0         | 3    | 0 | 17 | 80  | 17 | 11  |
| 21:30 | 21:45 | 10  | 5    | 1         | 6    | 0 | 27 |     | 22 |     |
| 21:45 | 22:00 | 10  | 4    | 0         | 2    | 0 | 16 |     | 16 |     |
| 22:00 | 22:15 | 5   | 2    | 0         | 6    | 0 | 18 |     | 13 |     |
| 22:15 | 22:30 | 9   | 1    | 0         | 1    | 0 | 12 | 61  | 11 | 48  |
| 22:30 | 22:45 | 7   | 3    | 0         | 5    | 0 | 19 |     | 15 |     |
| 22:45 | 23:00 | 5   | 0    | 0         | 4    | 0 | 13 |     | 9  |     |
| 23:00 | 23:15 | 5   | 0    | 0         | 5    | 0 | 15 |     | 10 |     |
| 23:15 | 23:30 | 2   | 1    | 0         | 2    | 0 | 7  | 35  | 5  | 25  |
| 23:30 | 23:45 | 0   | 1    | 0         | 4    | 0 | 9  | .,  | 5  | ``  |
| 23:45 | 0:00  | 2   | 2    | 0         | 1    | 0 | 5  |     | 5  |     |



## 2 > 3 R. Fernão Sales conv à esq. Av. Saudade



## Fluxo veicular a cada hora

|       |       |     | Pe    | ríodo M | anhã |   |     |     |
|-------|-------|-----|-------|---------|------|---|-----|-----|
| Perí  | odo   | Car | Moto  | Truck   | Bus  |   | PCU | VEC |
| de    | até   | Car | WIOTO | Truck   | bus  | - | PCU | VEC |
| 0:00  | 1:00  | 0   | 0     | 0       | 0    | 0 | 0   | 0   |
| 1:00  | 2:00  | 1   | 0     | 0       | 0    | 0 | 1   | 1   |
| 2:00  | 3:00  | 0   | 1     | 0       | 0    | 0 | 1   | 1   |
| 3:00  | 4:00  | 0   | 0     | 0       | 0    | 0 | 0   | 0   |
| 4:00  | 5:00  | 0   | 0     | 0       | 0    | 0 | 0   | 0   |
| 5:00  | 6:00  | 0   | 0     | 0       | 0    | 0 | 0   | 0   |
| 6:00  | 7:00  | 2   | 1     | 0       | 0    | 0 | 3   | 3   |
| 7:00  | 8:00  | 11  | 1     | 0       | 0    | 0 | 12  | 12  |
| 8:00  | 9:00  | 17  | 1     | 1       | 0    | 0 | 20  | 19  |
| 9:00  | 10:00 | 32  | 4     | 2       | 0    | 0 | 39  | 38  |
| 10:00 | 11:00 | 25  | 2     | 0       | 0    | 0 | 26  | 27  |
| 11:00 | 12:00 | 26  | 1     | 2       | 0    | 0 | 32  | 29  |

|       |       |     | P     | eríodo T | arde |   |      |     |
|-------|-------|-----|-------|----------|------|---|------|-----|
| Perí  | odo   | Car | Moto  | Truck    | Bus  | _ | PCU  | VEC |
| de    | até   | Cai | WIOLO | HUCK     | Dus  | _ | 1 00 | VLC |
| 12:00 | 13:00 | 19  | 5     | 1        | 0    | 0 | 24   | 25  |
| 13:00 | 14:00 | 19  | 5     | 0        | 0    | 0 | 22   | 24  |
| 14:00 | 15:00 | 18  | 5     | 0        | 0    | 0 | 21   | 23  |
| 15:00 | 16:00 | 22  | 2     | 1        | 0    | 0 | 26   | 25  |
| 16:00 | 17:00 | 14  | 2     | 1        | 0    | 0 | 18   | 17  |
| 17:00 | 18:00 | 9   | 4     | 1        | 0    | 0 | 14   | 14  |
| 18:00 | 19:00 | 6   | 2     | 1        | 0    | 0 | 10   | 9   |
| 19:00 | 20:00 | 3   | 1     | 0        | 0    | 0 | 4    | 4   |
| 20:00 | 21:00 | 4   | 0     | 0        | 0    | 0 | 4    | 4   |
| 21:00 | 22:00 | 1   | 0     | 0        | 0    | 0 | 1    | 1   |
| 22:00 | 23:00 | 0   | 0     | 0        | 0    | 0 | 0    | 0   |
| 23:00 | 0:00  | 2   | 0     | 0        | 0    | 0 | 2    | 2   |



2 > 3 R. Fernão Sales conv à esq. Av. Saudade

|       |       |     |      | Período | Manhã |   |    |        |    |               |
|-------|-------|-----|------|---------|-------|---|----|--------|----|---------------|
| Perí  | odo   | Car | Moto | Truck   | Bus   | _ | PC | Ü      | VE | С             |
| de    | até   |     |      |         |       |   |    |        |    |               |
| 0:00  | 0:15  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 0:15  | 0:30  | 0   | 0    | 0       | 0     | 0 | 0  | 0      | 0  | 0             |
| 0:30  | 0:45  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  | ,             |
| 0:45  | 1:00  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 1:00  | 1:15  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  | ,             |
| 1:15  | 1:30  | 1   | 0    | 0       | 0     | 0 | 1  | _      | 1  | _             |
| 1:30  | 1:45  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 1:45  | 2:00  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 2:00  | 2:15  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  | ,             |
| 2:15  | 2:30  | 0   | 1    | 0       | 0     | 0 | 1  | _      | 1  | _             |
| 2:30  | 2:45  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 2:45  | 3:00  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 3:00  | 3:15  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 3:15  | 3:30  | 0   | 0    | 0       | 0     | 0 | 0  | 0      | 0  | 0             |
| 3:30  | 3:45  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 3:45  | 4:00  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 4:00  | 4:15  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  | ,             |
| 4:15  | 4:30  | 0   | 0    | 0       | 0     | 0 | 0  | 0      | 0  | 0             |
| 4:30  | 4:45  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 4:45  | 5:00  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 5:00  | 5:15  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  | ,             |
| 5:15  | 5:30  | 0   | 0    | 0       | 0     | 0 | 0  | 0      | 0  |               |
| 5:30  | 5:45  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 5:45  | 6:00  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  |               |
| 6:00  | 6:15  | 0   | 0    | 0       | 0     | 0 | 0  |        | 0  | ,             |
| 6:15  | 6:30  | 0   | 0    | 0       | 0     | 0 | 0  | 3      | 0  | ္က            |
| 6:30  | 6:45  | 0   | 0    | 0       | 0     | 0 | 0  | ''     | 0  |               |
| 6:45  | 7:00  | 2   | 1    | 0       | 0     | 0 | 3  |        | 3  |               |
| 7:00  | 7:15  | 2   | 0    | 0       | 0     | 0 | 2  |        | 2  | ,             |
| 7:15  | 7:30  | 2   | 1    | 0       | 0     | 0 | 3  | 2      | 3  | 7             |
| 7:30  | 7:45  | 5   | 0    | 0       | 0     | 0 | 5  | _      | 5  | _             |
| 7:45  | 8:00  | 2   | 0    | 0       | 0     | 0 | 2  |        | 2  |               |
| 8:00  | 8:15  | 4   | 0    | 0       | 0     | 0 | 4  |        | 4  | ,             |
| 8:15  | 8:30  | 5   | 0    | 0       | 0     | 0 | 5  | 20     | 5  | 19            |
| 8:30  | 8:45  | 5   | 0    | 0       | 0     | 0 | 5  | `      | 5  |               |
| 8:45  | 9:00  | 3   | 1    | 1       | 0     | 0 | 6  |        | 5  |               |
| 9:00  | 9:15  | 4   | 1    | 0       | 0     | 0 | 5  |        | 5  |               |
| 9:15  | 9:30  | 11  | 1    | 0       | 0     | 0 | 12 | 39     | 12 | 38            |
| 9:30  | 9:45  | 7   | 1    | 2       | 0     | 0 | 13 | ",     | 10 | , ", <u> </u> |
| 9:45  | 10:00 | 10  | 1    | 0       | 0     | 0 | 11 |        | 11 |               |
| 10:00 | 10:15 | 7   | 0    | 0       | 0     | 0 | 7  |        | 7  |               |
| 10:15 | 10:30 | 6   | 0    | 0       | 0     | 0 | 6  | 26     | 6  | 27            |
| 10:30 | 10:45 | 5   | 2    | 0       | 0     | 0 | 6  | `      | 7  | `             |
| 10:45 | 11:00 | 7   | 0    | 0       | 0     | 0 | 7  |        | 7  |               |
| 11:00 | 11:15 | 6   | 0    | 1       | 0     | 0 | 9  |        | 7  |               |
| 11:15 | 11:30 | 5   | 0    | 1       | 0     | 0 | 8  | 32     | 6  | 29            |
| 11:30 | 11:45 | 6   | 0    | 0       | 0     | 0 | 6  | ر<br>ا | 6  | ~             |
| 11:45 | 12:00 | 9   | 1    | 0       | 0     | 0 | 10 |        | 10 |               |

|       |       |     |      | Período T | arde |   |    |    |    |     |
|-------|-------|-----|------|-----------|------|---|----|----|----|-----|
| Perí  | odo   | Car | Moto | Truck     | Bus  | _ | PC | :U | VE | c   |
| de    | até   |     |      | -         | -    | _ |    |    | _  |     |
| 12:00 | 12:15 | 5   | 3    | 0         | 0    | 0 | 7  |    | 8  |     |
| 12:15 | 12:30 | 3   | 0    | 0         | 0    | 0 | 3  | 24 | 3  | 25  |
| 12:30 | 12:45 | 6   | 1    | 0         | 0    | 0 | 7  |    | 7  |     |
| 12:45 | 13:00 | 5   | 1    | 1         | 0    | 0 | 8  |    | 7  |     |
| 13:00 | 13:15 | 3   | 1    | 0         | 0    | 0 | 4  |    | 4  |     |
| 13:15 | 13:30 | 5   | 2    | 0         | 0    | 0 | 6  | 52 | 7  | 24  |
| 13:30 | 13:45 | 4   | 1    | 0         | 0    | 0 | 5  |    | 5  |     |
| 13:45 | 14:00 | 7   | 1    | 0         | 0    | 0 | 8  |    | 8  |     |
| 14:00 | 14:15 | 8   | 2    | 0         | 0    | 0 | 9  |    | 10 |     |
| 14:15 | 14:30 | 3   | 2    | 0         | 0    | 0 | 4  | 77 | 5  | 23  |
| 14:30 | 14:45 | 4   | 0    | 0         | 0    | 0 | 4  |    | 4  | ,,, |
| 14:45 | 15:00 | 3   | 1    | 0         | 0    | 0 | 4  |    | 4  |     |
| 15:00 | 15:15 | 5   | 1    | 0         | 0    | 0 | 6  |    | 6  |     |
| 15:15 | 15:30 | 4   | 0    | 1         | 0    | 0 | 7  | 26 | 5  | 25  |
| 15:30 | 15:45 | 7   | 0    | 0         | 0    | 0 | 7  | '  | 7  | '   |
| 15:45 | 16:00 | 6   | 1    | 0         | 0    | 0 | 7  |    | 7  |     |
| 16:00 | 16:15 | 3   | 1    | 0         | 0    | 0 | 4  |    | 4  |     |
| 16:15 | 16:30 | 5   | 0    | 0         | 0    | 0 | 5  | 8  | 5  | 17  |
| 16:30 | 16:45 | 5   | 1    | 0         | 0    | 0 | 6  | `  | 6  | `   |
| 16:45 | 17:00 | 1   | 0    | 1         | 0    | 0 | 4  |    | 2  |     |
| 17:00 | 17:15 | 3   | 2    | 0         | 0    | 0 | 4  |    | 5  |     |
| 17:15 | 17:30 | 2   | 1    | 1         | 0    | 0 | 5  | 4  | 4  | 14  |
| 17:30 | 17:45 | 3   | 1    | 0         | 0    | 0 | 4  | `  | 4  | `   |
| 17:45 | 18:00 | 1   | 0    | 0         | 0    | 0 | 1  |    | 1  |     |
| 18:00 | 18:15 | 4   | 0    | 1         | 0    | 0 | 7  |    | 5  |     |
| 18:15 | 18:30 | 1   | 0    | 0         | 0    | 0 | 1  | 10 | 1  | 6   |
| 18:30 | 18:45 | 0   | 2    | 0         | 0    | 0 | 1  | _  | 2  |     |
| 18:45 | 19:00 | 1   | 0    | 0         | 0    | 0 | 1  |    | 1  |     |
| 19:00 | 19:15 | 1   | 0    | 0         | 0    | 0 | 1  |    | 1  |     |
| 19:15 | 19:30 | 0   | 0    | 0         | 0    | 0 | 0  | 4  | 0  | 4   |
| 19:30 | 19:45 | 0   | 1    | 0         | 0    | 0 | 1  |    | 1  |     |
| 19:45 | 20:00 | 2   | 0    | 0         | 0    | 0 | 2  |    | 2  |     |
| 20:00 | 20:15 | 2   | 0    | 0         | 0    | 0 | 2  |    | 2  |     |
| 20:15 | 20:30 | 1   | 0    | 0         | 0    | 0 | 1  | 4  | 1  | 4   |
| 20:30 | 20:45 | 0   | 0    | 0         | 0    | 0 | 0  |    | 0  |     |
| 20:45 | 21:00 | 1   | 0    | 0         | 0    | 0 | 1  |    | 1  |     |
| 21:00 | 21:15 | 1   | 0    | 0         | 0    | 0 | 1  |    | 1  |     |
| 21:15 | 21:30 | 0   | 0    | 0         | 0    | 0 | 0  | _  | 0  | _   |
| 21:30 | 21:45 | 0   | 0    | 0         | 0    | 0 | 0  |    | 0  |     |
| 21:45 | 22:00 | 0   | 0    | 0         | 0    | 0 | 0  |    | 0  |     |
| 22:00 | 22:15 | 0   | 0    | 0         | 0    | 0 | 0  |    | 0  |     |
| 22:15 | 22:30 | 0   | 0    | 0         | 0    | 0 | 0  | 0  | 0  | 0   |
| 22:30 | 22:45 | 0   | 0    | 0         | 0    | 0 | 0  |    | 0  |     |
| 22:45 | 23:00 | 0   | 0    | 0         | 0    | 0 | 0  |    | 0  |     |
| 23:00 | 23:15 | 1   | 0    | 0         | 0    | 0 | 1  |    | 1  |     |
| 23:15 | 23:30 | 0   | 0    | 0         | 0    | 0 | 0  | 7  | 0  | 2   |
| 23:30 | 23:45 | 1   | 0    | 0         | 0    | 0 | 1  | '  | 1  | ,   |
| 23:45 | 0:00  | 0   | 0    | 0         | 0    | 0 | 0  |    | 0  |     |



## 2 > 4 R. Fernão Sales em frente



## Fluxo veicular a cada hora

|       |       |     | Pe    | eríodo M | anhã |   |     |     |
|-------|-------|-----|-------|----------|------|---|-----|-----|
| Perí  | odo   | Car | Moto  | Truck    | Bus  |   | PCU | VEC |
| de    | até   | Cai | WIOLO | HUCK     | Dus  | _ | PCU | VEC |
| 0:00  | 1:00  | 21  | 6     | 0        | 0    | 0 | 24  | 27  |
| 1:00  | 2:00  | 11  | 8     | 0        | 0    | 0 | 15  | 19  |
| 2:00  | 3:00  | 6   | 0     | 0        | 0    | 0 | 6   | 6   |
| 3:00  | 4:00  | 0   | 1     | 0        | 0    | 0 | 1   | 1   |
| 4:00  | 5:00  | 4   | 1     | 0        | 0    | 0 | 5   | 5   |
| 5:00  | 6:00  | 15  | 6     | 0        | 0    | 0 | 18  | 21  |
| 6:00  | 7:00  | 100 | 23    | 0        | 1    | 0 | 114 | 124 |
| 7:00  | 8:00  | 206 | 64    | 6        | 0    | 0 | 253 | 276 |
| 8:00  | 9:00  | 213 | 60    | 8        | 1    | 0 | 265 | 282 |
| 9:00  | 10:00 | 169 | 53    | 5        | 0    | 0 | 208 | 227 |
| 10:00 | 11:00 | 183 | 56    | 5        | 0    | 0 | 224 | 244 |
| 11:00 | 12:00 | 157 | 81    | 10       | 0    | 0 | 223 | 248 |

|       |       |     | P     | eriodo T | arde |   |     |     |
|-------|-------|-----|-------|----------|------|---|-----|-----|
| Perí  | odo   | Car | Moto  | Truck    | Bus  | _ | PCU | VEC |
| de    | até   | Cai | WIOLO | HUCK     | bus  | _ | FCU | VEC |
| 12:00 | 13:00 | 184 | 86    | 6        | 0    | 0 | 242 | 276 |
| 13:00 | 14:00 | 179 | 81    | 5        | 0    | 0 | 232 | 265 |
| 14:00 | 15:00 | 148 | 93    | 8        | 0    | 0 | 215 | 249 |
| 15:00 | 16:00 | 165 | 75    | 6        | 0    | 0 | 218 | 246 |
| 16:00 | 17:00 | 195 | 77    | 11       | 0    | 0 | 261 | 283 |
| 17:00 | 18:00 | 280 | 138   | 7        | 2    | 0 | 371 | 427 |
| 18:00 | 19:00 | 273 | 124   | 1        | 0    | 0 | 338 | 398 |
| 19:00 | 20:00 | 159 | 63    | 2        | 0    | 0 | 196 | 224 |
| 20:00 | 21:00 | 113 | 43    | 1        | 0    | 0 | 137 | 157 |
| 21:00 | 22:00 | 77  | 38    | 0        | 0    | 0 | 96  | 115 |
| 22:00 | 23:00 | 87  | 28    | 0        | 0    | 0 | 101 | 115 |
| 23:00 | 0:00  | 34  | 19    | 0        | 0    | 0 | 44  | 53  |



2 > 4 R. Fernão Sales em frente

|       |       |     |      | Período | Manhã |   |    |              |    |     |
|-------|-------|-----|------|---------|-------|---|----|--------------|----|-----|
| Perí  | odo   | Car | Moto | Truck   | Bus   | _ | PC | :11          | VE | :C  |
| de    | até   | Oui | moto | Huok    | Bus   |   |    |              |    |     |
| 0:00  | 0:15  | 8   | 1    | 0       | 0     | 0 | 9  |              | 9  |     |
| 0:15  | 0:30  | 3   | 3    | 0       | 0     | 0 | 5  | 75           | 6  | 27  |
| 0:30  | 0:45  | 6   | 2    | 0       | 0     | 0 | 7  | (            | 8  | "   |
| 0:45  | 1:00  | 4   | 0    | 0       | 0     | 0 | 4  |              | 4  |     |
| 1:00  | 1:15  | 2   | 1    | 0       | 0     | 0 | 3  |              | 3  |     |
| 1:15  | 1:30  | 2   | 2    | 0       | 0     | 0 | 3  | 15           | 4  | 19  |
| 1:30  | 1:45  | 4   | 2    | 0       | 0     | 0 | 5  | _            | 6  | _   |
| 1:45  | 2:00  | 3   | 3    | 0       | 0     | 0 | 5  |              | 6  |     |
| 2:00  | 2:15  | 1   | 0    | 0       | 0     | 0 | 1  |              | 1  |     |
| 2:15  | 2:30  | 2   | 0    | 0       | 0     | 0 | 2  | 9            | 2  | 9   |
| 2:30  | 2:45  | 3   | 0    | 0       | 0     | 0 | 3  |              | 3  | "   |
| 2:45  | 3:00  | 0   | 0    | 0       | 0     | 0 | 0  |              | 0  |     |
| 3:00  | 3:15  | 0   | 0    | 0       | 0     | 0 | 0  |              | 0  |     |
| 3:15  | 3:30  | 0   | 0    | 0       | 0     | 0 | 0  | _            | 0  | _   |
| 3:30  | 3:45  | 0   | 1    | 0       | 0     | 0 | 1  |              | 1  |     |
| 3:45  | 4:00  | 0   | 0    | 0       | 0     | 0 | 0  |              | 0  |     |
| 4:00  | 4:15  | 1   | 0    | 0       | 0     | 0 | 1  |              | 1  |     |
| 4:15  | 4:30  | 0   | 0    | 0       | 0     | 0 | 0  | 2            | 0  | 2   |
| 4:30  | 4:45  | 1   | 0    | 0       | 0     | 0 | 1  | "            | 1  | "/  |
| 4:45  | 5:00  | 2   | 1    | 0       | 0     | 0 | 3  |              | 3  |     |
| 5:00  | 5:15  | 1   | 2    | 0       | 0     | 0 | 2  |              | 3  |     |
| 5:15  | 5:30  | 6   | 1    | 0       | 0     | 0 | 7  | <b>&amp;</b> | 7  | _   |
| 5:30  | 5:45  | 4   | 1    | 0       | 0     | 0 | 5  | -            | 5  | 21  |
| 5:45  | 6:00  | 4   | 2    | 0       | 0     | 0 | 5  |              | 6  |     |
| 6:00  | 6:15  | 10  | 6    | 0       | 0     | 0 | 13 |              | 16 |     |
| 6:15  | 6:30  | 15  | 3    | 0       | 1     | 0 | 19 | 114          | 19 | 124 |
| 6:30  | 6:45  | 21  | 7    | 0       | 0     | 0 | 25 | <del>-</del> | 28 | 4   |
| 6:45  | 7:00  | 54  | 7    | 0       | 0     | 0 | 58 |              | 61 |     |
| 7:00  | 7:15  | 58  | 11   | 1       | 0     | 0 | 66 |              | 70 |     |
| 7:15  | 7:30  | 40  | 18   | 2       | 0     | 0 | 54 | 253          | 60 | 276 |
| 7:30  | 7:45  | 48  | 16   | 1       | 0     | 0 | 59 | 12           | 65 | 2   |
| 7:45  | 8:00  | 60  | 19   | 2       | 0     | 0 | 75 |              | 81 |     |
| 8:00  | 8:15  | 56  | 18   | 2       | 0     | 0 | 70 |              | 76 |     |
| 8:15  | 8:30  | 51  | 18   | 2       | 0     | 0 | 65 | 265          | 71 | 282 |
| 8:30  | 8:45  | 51  | 10   | 2       | 0     | 0 | 61 | Ñ            | 63 | 8   |
| 8:45  | 9:00  | 55  | 14   | 2       | 1     | 0 | 69 |              | 72 |     |
| 9:00  | 9:15  | 36  | 17   | 2       | 0     | 0 | 50 |              | 55 |     |
| 9:15  | 9:30  | 43  | 12   | 0       | 0     | 0 | 49 | 208          | 55 | 227 |
| 9:30  | 9:45  | 50  | 13   | 3       | 0     | 0 | 64 | 7            | 66 | 5   |
| 9:45  | 10:00 | 40  | 11   | 0       | 0     | 0 | 46 |              | 51 |     |
| 10:00 | 10:15 | 57  | 12   | 1       | 0     | 0 | 66 |              | 70 |     |
| 10:15 | 10:30 | 46  | 12   | 2       | 0     | 0 | 57 | 224          | 60 | 244 |
| 10:30 | 10:45 | 43  | 23   | 2       | 0     | 0 | 60 | 121          | 68 | 7   |
| 10:45 | 11:00 | 37  | 9    | 0       | 0     | 0 | 42 |              | 46 |     |
| 11:00 | 11:15 | 42  | 13   | 3       | 0     | 0 | 56 |              | 58 |     |
| 11:15 | 11:30 | 31  | 22   | 4       | 0     | 0 | 52 | 223          | 57 | 248 |
| 11:30 | 11:45 | 46  | 23   | 2       | 0     | 0 | 63 | 73           | 71 | ^   |
| 11:45 | 12:00 | 38  | 23   | 1       | 0     | 0 | 52 |              | 62 |     |

|            |            |     |      | Período 1 | arde |   |     |              |     |          |
|------------|------------|-----|------|-----------|------|---|-----|--------------|-----|----------|
| Perí<br>de | odo<br>até | Car | Moto | Truck     | Bus  | - | PC  | U            | VE  | C        |
| 12:00      | 12:15      | 47  | 24   | 1         | 0    | 0 | 62  |              | 72  |          |
| 12:15      | 12:30      | 46  | 22   | 0         | 0    | 0 | 57  | 2            | 68  | 9        |
| 12:30      | 12:45      | 39  | 22   | 3         | 0    | 0 | 58  | 242          | 64  | 276      |
| 12:45      | 13:00      | 52  | 18   | 2         | 0    | 0 | 66  |              | 72  |          |
| 13:00      | 13:15      | 50  | 16   | 1         | 0    | 0 | 61  |              | 67  |          |
| 13:15      | 13:30      | 36  | 24   | 1         | 0    | 0 | 51  | 2            | 61  | ίζ       |
| 13:30      | 13:45      | 46  | 23   | 1         | 0    | 0 | 60  | 232          | 70  | 265      |
| 13:45      | 14:00      | 47  | 18   | 2         | 0    | 0 | 61  |              | 67  |          |
| 14:00      | 14:15      | 36  | 20   | 1         | 0    | 0 | 49  |              | 57  |          |
| 14:15      | 14:30      | 43  | 22   | 3         | 0    | 0 | 62  | ro.          | 68  | <u> </u> |
| 14:30      | 14:45      | 35  | 25   | 2         | 0    | 0 | 53  | 215          | 62  | 249      |
| 14:45      | 15:00      | 34  | 26   | 2         | 0    | 0 | 52  |              | 62  |          |
| 15:00      | 15:15      | 42  | 15   | 3         | 0    | 0 | 57  |              | 60  |          |
| 15:15      | 15:30      | 41  | 19   | 1         | 0    | 0 | 53  | 218          | 61  | 9        |
| 15:30      | 15:45      | 32  | 25   | 2         | 0    | 0 | 50  | اح           | 59  | 246      |
| 15:45      | 16:00      | 50  | 16   | 0         | 0    | 0 | 58  |              | 66  |          |
| 16:00      | 16:15      | 55  | 21   | 1         | 0    | 0 | 68  |              | 77  |          |
| 16:15      | 16:30      | 47  | 20   | 1         | 0    | 0 | 60  | 2            | 68  | ဗ္ဗ      |
| 16:30      | 16:45      | 44  | 14   | 2         | 0    | 0 | 56  | 261          | 60  | 283      |
| 16:45      | 17:00      | 49  | 22   | 7         | 0    | 0 | 78  |              | 78  |          |
| 17:00      | 17:15      | 67  | 27   | 2         | 1    | 0 | 88  |              | 97  |          |
| 17:15      | 17:30      | 70  | 32   | 0         | 0    | 0 | 86  | Ε.           | 102 | 7.7      |
| 17:30      | 17:45      | 64  | 39   | 4         | 1    | 0 | 96  | 371          | 108 | 427      |
| 17:45      | 18:00      | 79  | 40   | 1         | 0    | 0 | 102 |              | 120 |          |
| 18:00      | 18:15      | 72  | 40   | 0         | 0    | 0 | 92  |              | 112 |          |
| 18:15      | 18:30      | 90  | 41   | 1         | 0    | 0 | 113 | 338          | 132 | 398      |
| 18:30      | 18:45      | 62  | 20   | 0         | 0    | 0 | 72  | ķ            | 82  | ñ        |
| 18:45      | 19:00      | 49  | 23   | 0         | 0    | 0 | 61  |              | 72  |          |
| 19:00      | 19:15      | 49  | 22   | 0         | 0    | 0 | 60  |              | 71  |          |
| 19:15      | 19:30      | 50  | 16   | 1         | 0    | 0 | 61  | 196          | 67  | 224      |
| 19:30      | 19:45      | 40  | 15   | 1         | 0    | 0 | 50  | <del>-</del> | 56  | 7        |
| 19:45      | 20:00      | 20  | 10   | 0         | 0    | 0 | 25  |              | 30  |          |
| 20:00      | 20:15      | 33  | 10   | 1         | 0    | 0 | 41  |              | 44  |          |
| 20:15      | 20:30      | 31  | 14   | 0         | 0    | 0 | 38  | 137          | 45  | 157      |
| 20:30      | 20:45      | 24  | 10   | 0         | 0    | 0 | 29  | <del>-</del> | 34  | =        |
| 20:45      | 21:00      | 25  | 9    | 0         | 0    | 0 | 30  |              | 34  |          |
| 21:00      | 21:15      | 18  | 12   | 0         | 0    | 0 | 24  |              | 30  |          |
| 21:15      | 21:30      | 22  | 9    | 0         | 0    | 0 | 27  | 96           | 31  | 115      |
| 21:30      | 21:45      | 16  | 6    | 0         | 0    | 0 | 19  | 5            | 22  | -        |
| 21:45      | 22:00      | 21  | 11   | 0         | 0    | 0 | 27  |              | 32  |          |
| 22:00      | 22:15      | 41  | 8    | 0         | 0    | 0 | 45  |              | 49  |          |
| 22:15      | 22:30      | 19  | 4    | 0         | 0    | 0 | 21  | 5            | 23  | 115      |
| 22:30      | 22:45      | 18  | 9    | 0         | 0    | 0 | 23  | Ť            | 27  | -        |
| 22:45      | 23:00      | 9   | 7    | 0         | 0    | 0 | 13  |              | 16  |          |
| 23:00      | 23:15      | 13  | 5    | 0         | 0    | 0 | 16  |              | 18  |          |
| 23:15      | 23:30      | 12  | 5    | 0         | 0    | 0 | 15  | 4            | 17  | 53       |
| 23:30      | 23:45      | 5   | 4    | 0         | 0    | 0 | 7   | 4            | 9   | .5       |
| 23:45      | 0:00       | 4   | 5    | 0         | 0    | 0 | 7   |              | 9   |          |



## 3 > 1 Av. Saudade em frente



## Fluxo veicular a cada hora

|       |       |     | Pe    | eríodo M | anhã |   |     |     |
|-------|-------|-----|-------|----------|------|---|-----|-----|
| Perí  | odo   | Car | Moto  | Truck    | Bus  |   | PCU | VEC |
| de    | até   | Cai | WIOLO | HUCK     | Dus  | - | PCU | VEC |
| 0:00  | 1:00  | 7   | 7     | 0        | 0    | 0 | 11  | 14  |
| 1:00  | 2:00  | 9   | 5     | 1        | 0    | 0 | 14  | 15  |
| 2:00  | 3:00  | 3   | 3     | 0        | 0    | 0 | 5   | 6   |
| 3:00  | 4:00  | 2   | 3     | 0        | 0    | 0 | 4   | 5   |
| 4:00  | 5:00  | 3   | 4     | 0        | 0    | 0 | 5   | 7   |
| 5:00  | 6:00  | 6   | 3     | 1        | 0    | 0 | 10  | 10  |
| 6:00  | 7:00  | 23  | 10    | 0        | 0    | 0 | 28  | 33  |
| 7:00  | 8:00  | 38  | 20    | 0        | 0    | 0 | 48  | 58  |
| 8:00  | 9:00  | 58  | 15    | 5        | 0    | 0 | 78  | 78  |
| 9:00  | 10:00 | 57  | 19    | 4        | 0    | 0 | 77  | 80  |
| 10:00 | 11:00 | 64  | 26    | 2        | 0    | 0 | 82  | 92  |
| 11:00 | 12:00 | 68  | 26    | 4        | 0    | 0 | 91  | 98  |

|       |       |     | P     | eriodo T | arde |   |     |     |
|-------|-------|-----|-------|----------|------|---|-----|-----|
| Perí  | odo   | Car | Moto  | Truck    | Bus  |   | PCU | VEC |
| de    | até   | Cai | WIOLO | HUCK     | bus  | _ | FCU | VEC |
| 12:00 | 13:00 | 58  | 27    | 2        | 0    | 0 | 77  | 87  |
| 13:00 | 14:00 | 50  | 19    | 5        | 0    | 0 | 72  | 74  |
| 14:00 | 15:00 | 78  | 22    | 1        | 0    | 0 | 92  | 101 |
| 15:00 | 16:00 | 87  | 32    | 0        | 0    | 0 | 103 | 119 |
| 16:00 | 17:00 | 57  | 22    | 4        | 0    | 0 | 78  | 83  |
| 17:00 | 18:00 | 62  | 33    | 5        | 0    | 0 | 91  | 100 |
| 18:00 | 19:00 | 65  | 30    | 1        | 0    | 0 | 83  | 96  |
| 19:00 | 20:00 | 34  | 14    | 1        | 0    | 0 | 44  | 49  |
| 20:00 | 21:00 | 31  | 14    | 3        | 0    | 0 | 46  | 48  |
| 21:00 | 22:00 | 23  | 4     | 0        | 0    | 0 | 25  | 27  |
| 22:00 | 23:00 | 31  | 7     | 0        | 0    | 0 | 35  | 38  |
| 23:00 | 0:00  | 23  | 9     | 2        | 0    | 0 | 33  | 34  |



3 > 1 Av. Saudade em frente

| 0:30   |       |       |     |        | Períod | lo Manh | ã |     |          |    |    |
|--|-------|-------|-----|--------|--------|---------|---|-----|----------|----|----|
| Color   Colo | Perí  | odo   | Car | Moto   | Truck  | Rue     | _ | DC. | <u> </u> | VE | -C |
| 0:15   | de    | até   | Car | IVIOLO | Truck  | Dus     | - | PC  | ,0       | V  |    |
| 0:30   | 0:00  | 0:15  | 1   | 2      | 0      | 0       | 0 | 2   |          | 3  |    |
| 0:35   | 0:15  | 0:30  | 4   | 0      | 0      | 0       | 0 | 4   | _        | 4  | 4  |
| 1:00   | 0:30  | 0:45  | 1   | 3      | 0      | 0       | 0 | 3   | _        | 4  | _  |
| 1:15   | 0:45  | 1:00  | 1   | 2      | 0      | 0       | 0 | 2   |          | 3  |    |
| 1:30   | 1:00  | 1:15  | 1   | 2      | 0      | 0       | 0 | 2   |          | 3  |    |
| 1:30   | 1:15  | 1:30  | 3   | 1      | 0      | 0       | 0 | 4   | 4        | 4  | 15 |
| 2:00   | 1:30  | 1:45  | 1   | 2      | 0      | 0       | 0 | 2   | _        | 3  | _  |
| 2:15   | 1:45  | 2:00  | 4   | 0      | 1      | 0       | 0 | 7   |          | 5  |    |
| 2:30   | 2:00  | 2:15  | 2   | 0      | 0      | 0       | 0 | 2   |          | 2  |    |
| 2:30   | 2:15  | 2:30  | 0   | 0      | 0      | 0       | 0 | 0   |          | 0  | 9  |
| 3:00 3:15 0 0 0 0 0 0 0 0 0 0 0 0 3 3:15 3:30 1 1 1 0 0 0 0 0 0 1 2 3:30 3:45 1 0 0 0 0 0 0 0 1 2 4:00 4:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 2:30  | 2:45  | 0   | 2      | 0      | 0       | 0 | 1   | ٠,       | 2  | •  |
| 3:15 3:30 1 1 1 0 0 0 0 2 4 1 1 2 3:30 3:45 1 0 0 0 0 0 0 1 1 2 4 1 1 2 4:00 4:15 0 0 0 0 0 0 0 0 0 1 2 4:15 4:30 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 2:45  | 3:00  | 1   | 1      | 0      | 0       | 0 | 2   |          | 2  |    |
| 3:30 3:45 1 0 0 0 0 0 1 2 4 1 2 1 3:45 4:00 0 2 0 0 0 0 0 1 2 4:00 4:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 3:00  | 3:15  | 0   | 0      | 0      | 0       | 0 | 0   |          | 0  |    |
| 3:30   | 3:15  | 3:30  | 1   | 1      | 0      | 0       | 0 | 2   | ]        | 2  |    |
| 4:00       4:15       0       0       0       0       0       0       0       0       0       0       0       0       3       4:45       1       2       0       0       0       0       2       4:45       1       2       0       0       0       0       0       1       0       0       0       0       2        2       2       0       0       0       0       3       2       2       0       0       0       0       3       4       4       4       1       0       0       0       0       0       1       7       1       0       0       0       0   | 3:30  | 3:45  | 1   | 0      | 0      | 0       | 0 | 1   | 4        | 1  | 2  |
| 4:15       4:30       2       1       0       0       0       3       3       3       4:30       4:45       1       2       0       0       0       0       2       1       <  | 3:45  | 4:00  | 0   | 2      | 0      | 0       | 0 | 1   |          | 2  |    |
| 4:30   | 4:00  | 4:15  | 0   | 0      | 0      | 0       | 0 | 0   |          | 0  |    |
| 4:30   | 4:15  | 4:30  | 2   | 1      | 0      | 0       | 0 | 3   | 1        | 3  |    |
| 5:00         5:15         1         0         0         0         0         1         1         1         1         1         1         1         1         0         0         0         1         3         2         2         0         1         0         0         0         2         2         2         2         2         2         0         0         0         2         2         4         1         0         0         0         0         3         2         2         0         0         0         3         4         6         6         6         6         6         6         6         6         6         3         2         2         0         0         0         5         5         5         6         6         6         4         1         0         0         0         0         1         7         1         0         0         0         0         1 </th <th>4:30</th> <th>4:45</th> <td>1</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>. 5</td> <td>3</td> <td>7</td>  | 4:30  | 4:45  | 1   | 2      | 0      | 0       | 0 | 2   | . 5      | 3  | 7  |
| 5:15         5:30         2         0         1         0         0         5         2         3         2         0         1         0         0         5         2         2         3         2         2         2         3         2         2         4         4         1         0         0         0         0         2         2         4         6         600         6:15         4         1         0         0         0         0         5         5         6         6:15         6:15         4         1         0         0         0         0         3         4         6         6:30         6:45         5         2         0         0         0         0         6         6         6         6         6         0         0         0         0         15         7         1         0         0         0         0         15         7         1         0         0         0         14         19         17         17         17         17         17         17         17         17         17         17         17         17         17         18         18 <th>4:45</th> <th>5:00</th> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>1</td> <td>1</td> <td></td>  | 4:45  | 5:00  | 0   | 1      | 0      | 0       | 0 | 1   | 1        | 1  |    |
| 5:30       5:45       1       1       0       0       0       2       2       2       4       4       6:00       2       2       0       0       0       3       4       4       4       1       0       0       0       0       3       4       4       6:00       6:15       4       1       0       0       0       0       5       5       5       6:15       6:30       2       2       0       0       0       0       3       4       4       7       6:45       5       2       0       0       0       0       6:45       7       1       0       0       0       0       15       7       1       0       0        0       15       7       17       17       17       17       17       17       17       17       17       17       17       17       17       17       18       18       10       10       0       0       0       14       19       17       17       18       19       10       0       0       0       14       19       17       17       18       18       18       19       10  | 5:00  | 5:15  | 1   | 0      | 0      | 0       | 0 | 1   |          | 1  |    |
| 5:30       5:45       1       1       0       0       0       2       2       2       0       0       0       2       2       4       4       6:00       6:00       2       2       0       0       0       0       3       4       4       6:00       6:15       4       1       0       0       0       0       5       5       5       6:15       6:30       2       2       0       0       0       0       3       4       6:30       6:45       5       2       0       0       0       0       6       6       6       7       1       0       0       0       0       15       7       1       0       0       0       15       7       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       18       14       19       17       18       19       19       19       17       17       18       19       19       19       19       19       17       17       18       18       18       19       19 <th>5:15</th> <th>5:30</th> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>5</td> <td></td> <td>3</td> <td></td>  | 5:15  | 5:30  | 2   | 0      | 1      | 0       | 0 | 5   |          | 3  |    |
| 6:00 6:15 4 1 0 0 0 0 5 8 4 6:30 2 2 0 0 0 0 0 3 8 7 6:45 7:00 12 5 0 0 0 0 0 15 17 17 7:00 7:15 7 1 0 0 0 0 0 13 8 7:15 7:30 12 2 0 0 0 0 0 13 8 7:45 9 10 0 0 0 14 19 7:45 8:00 10 7 0 0 0 0 14 17 8:00 8:15 12 4 1 0 0 0 17 8:30 8:45 22 2 2 2 0 0 0 0 0 12 8 8:45 9:00 15 3 2 0 0 0 22 9:00 9:15 20 2 0 0 0 0 21 9:15 9:30 11 4 3 0 0 0 12 8 9:45 10:00 10 4 0 0 0 0 12 14 14 10:00 10:15 16 8 0 0 0 0 0 12 14 14 10:00 10:15 16 8 0 0 0 0 0 0 0 12 14 14 10:15 10:30 14 10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 5:30  | 5:45  | 1   | 1      | 0      | 0       | 0 | 2   | =        | 2  | 10 |
| 6:15 6:30 2 2 0 0 0 0 3 8 4 7 6:45 5 2 0 0 0 0 0 6 6 6:45 7:00 12 5 0 0 0 0 15 17 7:00 7:15 7 1 0 0 0 0 8 8 7:15 7:30 12 2 0 0 0 0 13 8 7:45 8:00 10 7 0 0 0 0 14 19 7:45 8:30 8:45 22 2 2 2 0 0 0 0 12 8 8:45 9:00 15 3 2 0 0 22 9:15 9:30 11 4 3 0 0 21 9:45 10:00 10 14 10 1 0 0 22 9:45 10:30 10:45 14 5 1 0 0 0 19 10:15 10:30 14:4 15 11:00 20 3 0 0 0 22 10:45 11:00 20 3 0 0 0 0 22 11:10 11:15 19 6 1 0 0 0 22 12 11:10 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 12 12 12 12 12 12 12 13 13 14 15 11:30 13 7 2 0 0 0 22 12 12 13 14 15 11:30 13 7 2 0 0 0 22 12 12 13 14 15 11:30 13 7 2 0 0 0 22 12 12 14 15 11:30 13 7 2 0 0 0 22 12 12 15 15 11:10 11:15 11:30 13 7 2 0 0 0 22 12 12 12 12 12 12 12 13 13 13 7 2 2 0 0 0 22 12 12 12 13 14 15 11:30 13 7 2 2 0 0 0 22 12 12 12 12 12 12 12 12 12 12 12 12   | 5:45  | 6:00  | 2   | 2      | 0      | 0       | 0 | 3   |          | 4  |    |
| 6:30 6:45 5 2 0 0 0 0 6 7 7 6:45 7:00 12 5 0 0 0 0 15 17 7 17 7:00 7:15 7 1 0 0 0 0 8 8 7 14 14 19 19 7:45 8:00 10 7 0 0 0 0 14 17 8:00 8:15 12 4 1 0 0 0 12 8 8:30 8:45 22 2 2 2 0 0 0 22 9:00 9:15 20 2 0 0 0 22 9:15 9:30 11 4 3 0 0 21 9:30 9:45 16 9 1 0 0 0 0 22 9:45 10:00 10 15 16 8 0 0 0 0 22 9:45 10:30 10:45 14 5 1 0 0 0 19 10:45 11:00 20 3 0 0 0 22 11:00 11:15 19 6 1 0 0 22 11:10 11:30 13 7 2 0 0 0 22 12 11:00 11:15 19 6 1 0 0 22 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 11:15 11:30 13 7 2 0 0 0 22 12 12 11:15 11:30 13 7 2 2 0 0 0 0 22 12 12 11:15 11:30 13 7 2 0 0 0 22 12 12 12 11:15 11:30 13 7 2 0 0 0 22 12 12 12 12 12 12 12 12 12 12 12 12  | 6:00  | 6:15  | 4   | 1      | 0      | 0       | 0 | 5   |          | 5  |    |
| 6:30 6:45 5 2 0 0 0 0 6 7 6:45 7:00 12 5 0 0 0 0 15 17 7:00 7:15 7 1 0 0 0 0 8 7:15 7:30 12 2 0 0 0 0 13 7:45 9 10 0 0 0 14 17 8:00 8:15 12 4 1 0 0 17 8:15 8:30 9 6 0 0 0 12 8:45 9:00 15 3 2 0 0 22 9:00 9:15 20 2 0 0 0 22 9:15 9:30 11 4 3 0 0 21 9:30 9:45 16 9 1 0 0 0 23 9:45 10:00 10 4 0 0 0 22 9:45 10:30 14 10 1 0 0 22 10:15 10:30 14 10 1 0 0 22 10:45 11:00 20 3 0 0 0 22 11:10 11:15 19 6 1 0 0 22 11:10 11:30 13 7 2 0 0 0 22 11:11 11:30 13 7 2 0 0 0 22  | 6:15  | 6:30  | 2   | 2      | 0      | 0       | 0 | 3   |          | 4  | _  |
| 7:00 7:15 7 1 0 0 0 8 7:15 7:30 12 2 0 0 0 13 7:45 9 10 0 0 0 14 7:45 8:00 10 7 0 0 0 14 8:00 8:15 12 4 1 0 0 17 8:15 8:30 9 6 0 0 0 12 8:45 9:00 15 3 2 0 0 22 9:00 9:15 20 2 0 0 0 22 9:15 9:30 11 4 3 0 0 21 9:30 9:45 16 9 1 0 0 0 23 9:45 10:00 10 4 0 0 0 12 10:15 10:30 14 10 1 0 0 22 10:45 11:00 20 3 0 0 0 22 11:15 11:30 13 7 2 0 0 22  7:00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 6:30  | 6:45  | 5   | 2      | 0      | 0       | 0 | 6   | 78       | 7  | 33 |
| 7:15   7:30   12   2   0   0   0   13   9   14   19   17   17   17   17   17   | 6:45  | 7:00  | 12  | 5      | 0      | 0       | 0 | 15  |          | 17 |    |
| 7:30   | 7:00  | 7:15  | 7   | 1      | 0      | 0       | 0 | 8   |          | 8  |    |
| 7:30   | 7:15  | 7:30  | 12  | 2      | 0      | 0       | 0 | 13  |          | 14 | _  |
| 7:45       8:00       10       7       0       0       0       14       17         8:00       8:15       12       4       1       0       0       17       17         8:15       8:30       9       6       0       0       0       12       15         8:30       8:45       22       2       2       0       0       28       26         8:45       9:00       15       3       2       0       0       22       20         9:00       9:15       20       2       0       0       0       21       22         9:15       9:30       11       4       3       0       0       21       22         9:45       16       9       1       0       0       23       14         10:00       10:15       16       8       0       0       0       20         10:30       14       10       1       0       0       22       25         10:30       10:45       14       5       1       0       0       22       25         10:45       11:00       20       3  | 7:30  | 7:45  | 9   | 10     | 0      | 0       | 0 | 14  | 4        | 19 | 58 |
| 8:00     8:15     12     4     1     0     0     17       8:15     8:30     9     6     0     0     0     12       8:30     8:45     22     2     2     0     0     28       8:45     9:00     15     3     2     0     0     22       9:00     9:15     20     2     0     0     21     22       9:15     9:30     11     4     3     0     0     21     18       9:30     9:45     16     9     1     0     0     23     14       10:00     10:15     16     8     0     0     0     12       10:15     10:30     14     10     1     0     0     22       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       20       11:15     11:30     13     7     2     0     0     22  |       |       | 10  |        | 0      | 0       | 0 | 14  |          | 17 |    |
| 8:15     8:30     9     6     0     0     0     12       8:30     8:45     22     2     2     0     0     28       8:45     9:00     15     3     2     0     0     22     20       9:00     9:15     20     2     0     0     0     21     22       9:15     9:30     11     4     3     0     0     21     18       9:30     9:45     16     9     1     0     0     23     14       9:45     10:00     10     4     0     0     0     12     24       10:00     10:15     16     8     0     0     0     20       10:15     10:30     14     10     1     0     0     22       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       20     11:15     19     6     1     0     0     25       11:15     11:30     13     7     2     0     0     22   |       |       |     | _      |        |         |   |     |          | 17 |    |
| 8:30     8:45     22     2     2     0     0     28     26       8:45     9:00     15     3     2     0     0     22     20       9:00     9:15     20     2     0     0     0     21     22       9:15     9:30     11     4     3     0     0     21     18       9:30     9:45     16     9     1     0     0     23     14       9:45     10:00     10     4     0     0     0     12     14       10:00     10:15     16     8     0     0     0     20       10:15     10:30     14     10     1     0     0     22       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       11:00     11:15     19     6     1     0     0     25       11:15     11:30     13     7     2     0     0     22  |       |       |     | 6      | 0      | 0       | 0 |     |          |    | ~  |
| 8:45     9:00     15     3     2     0     0     22     20       9:00     9:15     20     2     0     0     0     21     22       9:15     9:30     11     4     3     0     0     21     18       9:30     9:45     16     9     1     0     0     23     26       9:45     10:00     10     4     0     0     0     12     14       10:00     10:15     16     8     0     0     0     20     24       10:15     10:30     14     10     1     0     0     22     25       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       23       11:15     11:30     13     7     2     0     0     22  |       |       |     |        |        |         |   |     | 22       |    | 78 |
| 9:00     9:15     20     2     0     0     0     21     22       9:15     9:30     11     4     3     0     0     21     18       9:30     9:45     16     9     1     0     0     23       9:45     10:00     10     4     0     0     0     12       10:00     10:15     16     8     0     0     0     20       10:15     10:30     14     10     1     0     0     22       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       23       11:15     11:30     13     7     2     0     0     22   |       |       |     |        |        |         |   |     | 1        |    |    |
| 9:15     9:30     11     4     3     0     0     21     E     18       9:30     9:45     16     9     1     0     0     23     26       9:45     10:00     10     4     0     0     0     12     14       10:00     10:15     16     8     0     0     0     20     24       10:15     10:30     14     10     1     0     0     22     25       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       11:00     11:15     19     6     1     0     0     25       11:15     11:30     13     7     2     0     0     22   | _     |       |     |        |        |         |   |     |          |    |    |
| 9:30       9:45       16       9       1       0       0       23       26         9:45       10:00       10       4       0       0       0       12       14         10:00       10:15       16       8       0       0       0       20       24         10:15       10:30       14       10       1       0       0       22       25         10:30       10:45       14       5       1       0       0       19       20         10:45       11:00       20       3       0       0       0       22       23         11:00       11:15       19       6       1       0       0       25       26         11:15       11:30       13       7       2       0       0       22       22  |       |       |     |        |        |         |   |     |          |    |    |
| 9:45     10:00     10     4     0     0     0     12     14       10:00     10:15     16     8     0     0     0     20     24       10:15     10:30     14     10     1     0     0     22     25       10:30     10:45     14     5     1     0     0     19     20       10:45     11:00     20     3     0     0     0     22     23       11:00     11:15     19     6     1     0     0     25     26       11:15     11:30     13     7     2     0     0     22     22   |       |       |     |        |        |         |   |     |          |    | 80 |
| 10:00     10:15     16     8     0     0     0     20       10:15     10:30     14     10     1     0     0     22       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       11:00     11:15     19     6     1     0     0     25     26       11:15     11:30     13     7     2     0     0     22     22   |       |       |     |        |        |         |   |     | 1        |    |    |
| 10:15     10:30     14     10     1     0     0     22       10:30     10:45     14     5     1     0     0     19       10:45     11:00     20     3     0     0     0     22       11:00     11:15     19     6     1     0     0     25     26       11:15     11:30     13     7     2     0     0     22  | _     |       |     |        |        |         |   |     |          |    |    |
| 10:30     10:45     14     5     1     0     0     19     20       10:45     11:00     20     3     0     0     0     22     23       11:00     11:15     19     6     1     0     0     25     26       11:15     11:30     13     7     2     0     0     22     22  |       |       |     |        |        |         |   |     | 1        |    |    |
| 10:45     11:00     20     3     0     0     0     22     23       11:00     11:15     19     6     1     0     0     25     26       11:15     11:30     13     7     2     0     0     22     22   |       |       |     |        |        |         |   |     | 8        |    | 92 |
| 11:00     11:15     19     6     1     0     0     25     26       11:15     11:30     13     7     2     0     0     22     22  |       |       |     |        |        |         |   |     | 1        |    |    |
| 11:15 11:30 13 7 2 0 0 22 <del>5</del> 22  |       |       |     |        |        |         |   |     |          |    |    |
| 100  |       |       |     |        |        |         |   |     |          |    |    |
| TT:30   TT:45   T5   5   T   0   0   20     1 21   | 11:30 | 11:45 | 15  | 5      | 1      | 0       | 0 | 20  | 9        | 21 | 98 |
| 11:45 12:00 21 8 0 0 0 25 29   |       |       |     |        |        |         |   |     | 1        |    |    |

| Período Tarde |       |     |      |       |     |   |     |     |     |     |  |
|---------------|-------|-----|------|-------|-----|---|-----|-----|-----|-----|--|
|               | odo   | Car | Moto | Truck | Bus |   | PCU |     | VEC |     |  |
| de            | até   | 0.1 |      |       | _   |   |     |     | 0.1 | 24  |  |
| 12:00         | 12:15 | 21  | 9    | 1     | 0   | 0 | 28  |     | 31  | 87  |  |
| 12:15         | 12:30 | 13  | 5    | 0     | 0   | 0 | 16  | 11  | 18  |     |  |
| 12:30         | 12:45 | 8   | 7    | 1     | 0   | 0 | 14  |     | 16  |     |  |
| 12:45         | 13:00 | 16  | 6    | 0     | 0   | 0 | 19  |     | 22  |     |  |
| 13:00         | 13:15 | 19  | 5    | 0     | 0   | 0 | 22  |     | 24  | 74  |  |
| 13:15         | 13:30 | 11  | 3    | 2     | 0   | 0 | 18  | 72  | 16  |     |  |
| 13:30         | 13:45 | 7   | 5    | 2     | 0   | 0 | 15  |     | 14  |     |  |
| 13:45         | 14:00 | 13  | 6    | 1     | 0   | 0 | 19  |     | 20  |     |  |
| 14:00         | 14:15 | 16  | 6    | 0     | 0   | 0 | 19  | 92  | 22  | 101 |  |
| 14:15         | 14:30 | 27  | 6    | 0     | 0   | 0 | 30  |     | 33  |     |  |
| 14:30         | 14:45 | 20  | 7    | 1     | 0   | 0 | 26  |     | 28  |     |  |
| 14:45         | 15:00 | 15  | 3    | 0     | 0   | 0 | 17  |     | 18  |     |  |
| 15:00         | 15:15 | 22  | 10   | 0     | 0   | 0 | 27  | 103 | 32  | 119 |  |
| 15:15         | 15:30 | 29  | 6    | 0     | 0   | 0 | 32  |     | 35  |     |  |
| 15:30         | 15:45 | 16  | 5    | 0     | 0   | 0 | 19  |     | 21  |     |  |
| 15:45         | 16:00 | 20  | 11   | 0     | 0   | 0 | 26  |     | 31  |     |  |
| 16:00         | 16:15 | 21  | 4    | 2     | 0   | 0 | 28  | 78  | 27  | 83  |  |
| 16:15         | 16:30 | 15  | 7    | 0     | 0   | 0 | 19  |     | 22  |     |  |
| 16:30         | 16:45 | 5   | 6    | 1     | 0   | 0 | 11  |     | 12  |     |  |
| 16:45         | 17:00 | 16  | 5    | 1     | 0   | 0 | 21  |     | 22  |     |  |
| 17:00         | 17:15 | 20  | 7    | 1     | 0   | 0 | 26  | 91  | 28  | 100 |  |
| 17:15         | 17:30 | 12  | 6    | 3     | 0   | 0 | 23  |     | 21  |     |  |
| 17:30         | 17:45 | 17  | 10   | 0     | 0   | 0 | 22  |     | 27  |     |  |
| 17:45         | 18:00 | 13  | 10   | 1     | 0   | 0 | 21  |     | 24  |     |  |
| 18:00         | 18:15 | 19  | 7    | 1     | 0   | 0 | 25  | 83  | 27  | 96  |  |
| 18:15         | 18:30 | 18  | 9    | 0     | 0   | 0 | 23  |     | 27  |     |  |
| 18:30         | 18:45 | 18  | 8    | 0     | 0   | 0 | 22  |     | 26  |     |  |
| 18:45         | 19:00 | 10  | 6    | 0     | 0   | 0 | 13  |     | 16  |     |  |
| 19:00         | 19:15 | 15  | 3    | 0     | 0   | 0 | 17  | 44  | 18  | 49  |  |
| 19:15         | 19:30 | 9   | 3    | 0     | 0   | 0 | 11  |     | 12  |     |  |
| 19:30         | 19:45 | 7   | 6    | 0     | 0   | 0 | 10  |     | 13  |     |  |
| 19:45         | 20:00 | 3   | 2    | 1     | 0   | 0 | 7   |     | 6   |     |  |
| 20:00         | 20:15 | 11  | 2    | 2     | 0   | 0 | 17  | 46  | 15  | 48  |  |
| 20:15         | 20:30 | 10  | 3    | 1     | 0   | 0 | 14  |     | 14  |     |  |
| 20:30         | 20:45 | 3   | 3    | 0     | 0   | 0 | 5   |     | 6   |     |  |
| 20:45         | 21:00 | 7   | 6    | 0     | 0   | 0 | 10  |     | 13  |     |  |
| 21:00         | 21:15 | 5   | 1    | 0     | 0   | 0 | 6   | 25  | 6   | 27  |  |
| 21:15         | 21:30 | 6   | 1    | 0     | 0   | 0 | 7   |     | 7   |     |  |
| 21:30         | 21:45 | 7   | 1    | 0     | 0   | 0 | 8   |     | 8   |     |  |
| 21:45         | 22:00 | 5   | 1    | 0     | 0   | 0 | 6   |     | 6   |     |  |
| 22:00         | 22:15 | 4   | 2    | 0     | 0   | 0 | 5   |     | 6   | 38  |  |
| 22:15         | 22:30 | 15  | 2    | 0     | 0   | 0 | 16  | 35  | 17  |     |  |
| 22:30         | 22:45 | 4   | 1    | 0     | 0   | 0 | 5   | 3   | 5   |     |  |
| 22:45         | 23:00 | 8   | 2    | 0     | 0   | 0 | 9   |     | 10  |     |  |
| 23:00         | 23:15 | 7   | 2    | 0     | 0   | 0 | 8   | 33  | 9   | 34  |  |
| 23:15         | 23:30 | 2   | 2    | 1     | 0   | 0 | 6   |     | 5   |     |  |
| 23:30         | 23:45 | 5   | 2    | 0     | 0   | 0 | 6   |     | 7   |     |  |
| 23:45         | 0:00  | 9   | 3    | 1     | 0   | 0 | 13  |     | 13  |     |  |