INGESUELOS

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 02-sep-24 | Sitio de conteo: Entrada Hurtado via la Guajira | Movimiento aforado: 1

Sentido del tránsito: N - S | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| lunes | 00:00 - 00:15 | 6 | | | 1 | | | | 2 | | | | 2 | 9 | 9 | 0.13 |
| | 00:15 - 00:30 | 15 | | | 7 | | 1 | 2 | 1 | | | | 4 | 26 | 26 | 0.37 |
| | 00:30 - 00:45 | 20 | | | 3 | | | | | | | | 0 | 23 | 23 | 0.32 |
| | 00:45 - 01:00 | 9 | | 2 | 2 | | | | 1 | | | | 1 | 14 | 72 | 1.03 |
| | 01:00 - 01:15 | 4 | | 1 | 1 | | 1 | | 3 | | | | 4 | 10 | 73 | 1.03 |
| | 01:15 - 01:30 | 15 | | | 1 | | 1 | | 2 | | | | 3 | 19 | 66 | 0.93 |
| | 01:30 - 01:45 | 8 | 1 | | 2 | | | | | | | | 0 | 11 | 54 | 0.76 |
| | 01:45 - 02:00 | 4 | | | 1 | | | | 1 | | | | 1 | 6 | 46 | 0.65 |
| | 02:00 - 02:15 | 12 | | | | | 1 | | | | | | 1 | 13 | 49 | 0.69 |
| | 02:15 - 02:30 | 11 | | 1 | | | | 1 | 1 | | | | 2 | 14 | 44 | 0.62 |
| | 02:30 - 02:45 | 6 | | | 6 | | | | | | | | 0 | 14 | 47 | 0.66 |
| | 02:45 - 03:00 | 22 | | | 1 | | | 1 | | | | | 1 | 24 | 65 | 0.92 |
| | 03:00 - 03:15 | 6 | | | 4 | | | | | | | | 0 | 10 | 62 | 0.88 |
| | 03:15 - 03:30 | 7 | | | 1 | | | 1 | 2 | | | | 3 | 11 | 59 | 0.83 |
| | 03:30 - 03:45 | 5 | | | | | 1 | | | | | | 1 | 6 | 51 | 0.72 |
| | 03:45 - 04:00 | 4 | | | 4 | | | | | | | | 0 | 8 | 35 | 0.49 |
| | 04:00 - 04:15 | 1 | | | 1 | | | | | | | | 0 | 2 | 27 | 0.38 |
| | 04:15 - 04:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 19 | 0.27 |
| | 04:30 - 04:45 | 6 | | | 3 | | | | | | | | 0 | 9 | 22 | 0.31 |
| | 04:45 - 05:00 | 1 | | | 2 | | | 1 | | | | | 1 | 4 | 18 | 0.25 |
| | 05:00 - 05:15 | 2 | | | 2 | | | | | | | | 0 | 4 | 20 | 0.28 |
| | 05:15 - 05:30 | 4 | | 1 | 4 | | | | | | | | 0 | 9 | 26 | 0.37 |
| | 05:30 - 05:45 | 6 | | | 7 | | | | | | | | 0 | 13 | 30 | 0.42 |
| | 05:45 - 06:00 | 10 | | | 11 | | | | | | | | 0 | 21 | 47 | 0.66 |
| | 06:00 - 06:15 | 2 | | | 1 | | | | | | | | 0 | 3 | 46 | 0.65 |
| | 06:15 - 06:30 | 1 | | | 10 | 2 | | | | | | | 0 | 11 | 48 | 0.68 |
| | 06:30 - 06:45 | 8 | | | 20 | | | 1 | | | | | 1 | 29 | 64 | 0.90 |
| | 06:45 - 07:00 | 10 | | | 15 | 1 | 1 | 1 | | | | | 2 | 27 | 70 | 0.99 |
| | 07:00 - 07:15 | 15 | 1 | | 40 | 3 | | | | | | | 0 | 56 | 123 | 1.74 |
| | 07:15 - 07:30 | 22 | | | 22 | 6 | | 1 | | | | | 1 | 45 | 157 | 2.22 |
| | 07:30 - 07:45 | 15 | | | 37 | 7 | | | | | | | 0 | 52 | 180 | 2.54 |
| | 07:45 - 08:00 | 19 | | 1 | 33 | 6 | | | | | | | 0 | 53 | 205 | 2.91 |
| | 08:00 - 08:15 | 26 | | | 60 | 13 | 1 | 2 | | | | | 3 | 88 | 239 | 3.38 |
| | 08:15 - 08:30 | 45 | 1 | | 40 | 17 | | | | | | | 0 | 86 | 280 | 3.95 |
| | 08:30 - 08:45 | 39 | | | 33 | 8 | 2 | 1 | | | | | 3 | 76 | 303 | 4.28 |
| | 08:45 - 09:00 | 26 | 2 | 1 | 38 | 18 | 2 | 2 | 1 | | | | 5 | 74 | 324 | 4.58 |
| | 09:00 - 09:15 | 41 | | 1 | 38 | 23 | 1 | | 1 | | | | 2 | 82 | 317 | 4.48 |
| | 09:15 - 09:30 | 37 | | | 37 | 16 | 2 | 2 | | | | | 4 | 78 | 309 | 4.36 |
| | 09:30 - 09:45 | 55 | 1 | | 34 | 5 | | 1 | 1 | | | | 2 | 92 | 326 | 4.60 |
| | 09:45 - 10:00 | 30 | | 1 | 53 | 11 | 1 | | 1 | | | | 2 | 96 | 338 | 4.77 |
| | 10:00 - 10:15 | 46 | | 2 | 37 | 13 | 1 | 1 | | | | | 2 | 87 | 343 | 4.84 |
| | 10:15 - 10:30 | 39 | 1 | | 37 | 15 | | 2 | | | | | 2 | 79 | 344 | 4.86 |
| | 10:30 - 10:45 | 70 | 1 | 1 | 15 | 6 | 4 | 2 | | | | | 6 | 93 | 345 | 4.87 |
| | 10:45 - 11:00 | 50 | | 2 | 60 | 3 | 1 | | 1 | | | | 2 | 114 | 373 | 5.27 |
| | 11:00 - 11:15 | 40 | | | 66 | 7 | | 2 | 1 | | | | 3 | 111 | 397 | 5.61 |
| | 11:15 - 11:30 | 60 | | 1 | 44 | 4 | 1 | 2 | | | | | 3 | 126 | 446 | 6.30 |
| | 11:30 - 11:45 | 66 | 1 | | 43 | 1 | | 3 | | | | | 3 | 113 | 486 | 6.58 |
| | 11:45 - 12:00 | 71 | | | 38 | 9 | 4 | | | | | | 4 | 113 | 485 | 6.57 |
| | 12:00 - 12:15 | 62 | | | 29 | 2 | 1 | | | | | | 1 | 92 | 446 | 6.30 |
| | 12:15 - 12:30 | 56 | 1 | | 37 | 2 | | | 1 | | | | 1 | 94 | 412 | 5.82 |
| | 12:30 - 12:45 | 61 | | 2 | 62 | 3 | 2 | 3 | | | | | 5 | 120 | 419 | 5.92 |
| | 12:45 - 13:00 | 107 | | 1 | 56 | 2 | | 1 | 1 | | | | 2 | 166 | 472 | 6.67 |
| | 13:00 - 13:15 | 150 | | 1 | 75 | 2 | 1 | 1 | | | | | 2 | 228 | 608 | 8.59 |
| | 13:15 - 13:30 | 112 | | | 54 | 3 | | 1 | 2 | 1 | | | 4 | 170 | 684 | 9.66 |
| | 13:30 - 13:45 | 80 | | | 63 | 5 | 1 | 1 | | | | | 2 | 135 | 699 | 9.87 |
| | 13:45 - 14:00 | 76 | | 1 | 39 | 2 | 3 | 1 | | | | | 4 | 120 | 653 | 9.22 |
| | 14:00 - 14:15 | 66 | | 2 | 27 | 3 | 2 | 3 | | | | | 5 | 100 | 525 | 7.41 |
| | 14:15 - 14:30 | 64 | | | 40 | 1 | 1 | 1 | | | | | 2 | 106 | 461 | 6.51 |
| | 14:30 - 14:45 | 71 | 1 | | 41 | 1 | | | 1 | | | | 1 | 114 | 440 | 6.21 |
| | 14:45 - 15:00 | 69 | | 1 | 28 | | 1 | | | | | | 1 | 97 | 417 | 5.89 |
| | 15:00 - 15:15 | 75 | | | 34 | 1 | | | | | | | 0 | 109 | 426 | 6.02 |
| | 15:15 - 15:30 | 74 | | | 30 | | | 1 | | | | | 1 | 105 | 425 | 6.00 |
| | 15:30 - 15:45 | 98 | | | 37 | 1 | 1 | | | | | | 1 | 136 | 447 | 6.31 |
| | 15:45 - 16:00 | 88 | | 1 | 43 | | 1 | | | | | | 1 | 133 | 483 | 6.82 |
| | 16:00 - 16:15 | 95 | 1 | 1 | 35 | 2 | 1 | | | | | | 1 | 103 | 477 | 6.74 |
| | 16:15 - 16:30 | 111 | | | 45 | 1 | | | | | | | 0 | 156 | 528 | 7.46 |
| | 16:30 - 16:45 | 100 | | | 46 | 3 | | 1 | | | | | 1 | 147 | 539 | 7.61 |
| | 16:45 - 17:00 | 99 | 1 | | 54 | 5 | 2 | 1 | | | | | 3 | 157 | 563 | 7.95 |
| | 17:00 - 17:15 | 114 | 2 | 1 | 79 | 4 | 2 | | | | | | 2 | 198 | 658 | 9.29 |
| | 17:15 - 17:30 | 175 | | 1 | 80 | 4 | 1 | 1 | | | | | 2 | 258 | 760 | 10.73 |
| | 17:30 - 17:45 | 132 | | | 102 | 6 | 1 | 2 | | | | | 3 | 242 | 855 | 12.07 |
| | 17:45 - 18:00 | 115 | | | 85 | 3 | | 1 | | | | | 1 | 201 | 889 | 12.70 |
| | 18:00 - 18:15 | 89 | 1 | | 60 | | 1 | | | | | | 1 | 131 | 832 | 11.75 |
| | 18:15 - 18:30 | 62 | | | 57 | 1 | 1 | 1 | | | | | 2 | 121 | 695 | 9.81 |
| | 18:30 - 18:45 | 69 | | 1 | 51 | 1 | | | | | | | 0 | 121 | 574 | 8.11 |
| | 18:45 - 19:00 | 67 | 1 | 1 | 26 | | 1 | | | | | | 1 | 96 | 489 | 6.82 |
| | 19:00 - 19:15 | 68 | | | 45 | 1 | | | | | | | 0 | 113 | 451 | 6.37 |
| | 19:15 - 19:30 | 54 | 1 | | 54 | 1 | | 1 | | | | | 1 | 110 | 440 | 6.21 |
| | 19:30 - 19:45 | 49 | | | 46 | | 1 | | | | | | 1 | 96 | 415 | 5.86 |
| | 19:45 - 20:00 | 47 | 1 | | 40 | | | 2 | | | | | 2 | 90 | 409 | 5.78 |
| | 20:00 - 20:15 | 52 | 1 | | 52 | 3 | | | | | | | 0 | 109 | 401 | 5.66 |
| | 20:15 - 20:30 | 50 | | | 29 | 1 | 1 | 1 | | | | | 2 | 81 | 372 | 5.25 |
| | 20:30 - 20:45 | 52 | | | 25 | | | 2 | | | | | 2 | 84 | 369 | 5.06 |
| | 20:45 - 21:00 | 35 | 1 | | 10 | | | | | | | | 0 | 46 | 316 | 4.46 |
| | 21:00 - 21:15 | 31 | 1 | | 24 | | | 1 | 1 | | | | 2 | 58 | 269 | 3.80 |
| | 21:15 - 21:30 | 40 | | 1 | 11 | | 2 | 1 | | | | | 3 | 55 | 245 | 3.43 |
| | 21:30 - 21:45 | 26 | | | 12 | | | | | | | | 0 | 38 | 197 | 2.78 |
| | 21:45 - 22:00 | 23 | 2 | | 17 | 1 | | | 1 | | | | 1 | 43 | 194 | 2.74 |
| | 22:00 - 22:15 | 16 | 3 | 1 | 11 | | | 2 | 2 | | | | 4 | 35 | 171 | 2.41 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 141 | 1.99 |
| | 22:30 - 22:45 | 7 | | | 6 | | | | | | | | 0 | 13 | 116 | 1.64 |
| | 22:45 - 23:00 | 6 | | | 11 | | 1 | | | | | | 1 | 18 | 91 | 1.29 |
| | 23:00 - 23:15 | 4 | 1 | | 5 | | | | | | | | 0 | 10 | 66 | 0.93 |
| | 23:15 - 23:30 | 7 | | | 4 | | | | | | | | 0 | 11 | 52 | 0.73 |
| | 23:30 - 23:45 | 7 | | | 10 | | | | | | | | 0 | 17 | 56 | 0.79 |
| | 23:45 - 00:00 | 15 | 1 | 1 | 1 | | | | | | | | 0 | 18 | 56 | 0.79 |
| TOTAL 24 HORAS | | 4146 | 29 | 32 | 2731 | 259 | 55 | 59 | 28 | 1 | 0 | 0 | 143 | 7081 | | |

INGESUELOS

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 03-sep-24 | Sitio de conteo: Entrada Hurtado via la Guajira | Movimiento aforado: 1

Sentido del tránsito: N - S | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión:

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| martes | 00:00 - 00:15 | 6 | | | 2 | | | | 1 | | | | 1 | 9 | 9 | 0.13 |
| | 00:15 - 00:30 | 22 | | | 6 | | 1 | 2 | 2 | | | | 5 | 33 | 33 | 0.47 |
| | 00:30 - 00:45 | 15 | | | 2 | | | | | | | | 0 | 17 | 17 | 0.24 |
| | 00:45 - 01:00 | 6 | | 2 | 4 | | | | | | | | 0 | 11 | 70 | 1.00 |
| | 01:00 - 01:15 | 3 | | 1 | 2 | | 1 | | 3 | | | | 4 | 10 | 71 | 1.02 |
| | 01:15 - 01:30 | 16 | | | 2 | | 1 | | 2 | | | | 3 | 21 | 59 | 0.85 |
| | 01:30 - 01:45 | 7 | 1 | | 1 | | | | | | | | 0 | 9 | 51 | 0.73 |
| | 01:45 - 02:00 | 4 | | | 1 | | | | | | | | 0 | 5 | 45 | 0.65 |
| | 02:00 - 02:15 | 11 | | | 1 | | 1 | | 1 | | | | 2 | 14 | 49 | 0.70 |
| | 02:15 - 02:30 | 15 | | 1 | | | | | 2 | | | | 2 | 18 | 46 | 0.66 |
| | 02:30 - 02:45 | 8 | | | 4 | | | | | | | | 0 | 12 | 49 | 0.70 |
| | 02:45 - 03:00 | 18 | | | | | | | 1 | | | | 1 | 19 | 63 | 0.91 |
| | 03:00 - 03:15 | 10 | | | 5 | | | 1 | | | | | 1 | 16 | 65 | 0.93 |
| | 03:15 - 03:30 | 6 | | | 1 | | | | 1 | | | | 1 | 8 | 55 | 0.79 |
| | 03:30 - 03:45 | 15 | | | | | | 1 | | | | | 1 | 16 | 59 | 0.85 |
| | 03:45 - 04:00 | 7 | | | | | | | | | | | 0 | 7 | 47 | 0.68 |
| | 04:00 - 04:15 | 2 | | | 4 | | | | | | | | 0 | 6 | 37 | 0.53 |
| | 04:15 - 04:30 | 2 | | | 2 | | | | | | | | 0 | 4 | 33 | 0.47 |
| | 04:30 - 04:45 | 6 | | | 1 | | | | | | | | 0 | 6 | 23 | 0.33 |
| | 04:45 - 05:00 | 1 | | | 3 | | 1 | | | | | | 1 | 5 | 21 | 0.30 |
| | 05:00 - 05:15 | 3 | | | 4 | | | | | | | | 0 | 7 | 22 | 0.32 |
| | 05:15 - 05:30 | 4 | | | 1 | | | | | | | | 0 | 5 | 23 | 0.33 |
| | 05:30 - 05:45 | 6 | | | 8 | | | | | | | | 0 | 14 | 31 | 0.45 |
| | 05:45 - 06:00 | 9 | | | 10 | 1 | | | | | | | 0 | 19 | 45 | 0.65 |
| | 06:00 - 06:15 | 9 | | | 1 | | | | | | | | 0 | 10 | 48 | 0.69 |
| | 06:15 - 06:30 | 12 | | | 10 | 2 | | | | | | | 0 | 22 | 65 | 0.93 |
| | 06:30 - 06:45 | 7 | | | 14 | | | 1 | | | | | 1 | 22 | 73 | 1.05 |
| | 06:45 - 07:00 | 10 | | | 26 | 1 | | 2 | | | | | 2 | 40 | 94 | 1.35 |
| | 07:00 - 07:15 | 12 | | | 26 | 3 | | | | | | | 0 | 38 | 122 | 1.75 |
| | 07:15 - 07:30 | 22 | | 1 | 20 | 6 | 1 | | | | | | 1 | 44 | 144 | 2.07 |
| | 07:30 - 07:45 | 26 | | | 32 | 7 | | | | | | | 0 | 58 | 180 | 2.59 |
| | 07:45 - 08:00 | 18 | | | 27 | 6 | | | | | | | 0 | 45 | 185 | 2.66 |
| | 08:00 - 08:15 | 20 | | | 46 | 13 | 1 | | | | | | 1 | 67 | 214 | 3.07 |
| | 08:15 - 08:30 | 42 | 1 | | 38 | 17 | | | | | | | 0 | 81 | 251 | 3.61 |
| | 08:30 - 08:45 | 38 | | | 36 | 9 | 2 | 1 | | | | | 3 | 77 | 270 | 3.88 |
| | 08:45 - 09:00 | 26 | 2 | 2 | 38 | 18 | 1 | 1 | 1 | | | | 3 | 71 | 296 | 4.25 |
| | 09:00 - 09:15 | 32 | | 1 | 42 | 26 | 2 | | 1 | | | | 3 | 78 | 307 | 4.41 |
| | 09:15 - 09:30 | 35 | | | 34 | 20 | 1 | | | | | | 1 | 70 | 296 | 4.25 |
| | 09:30 - 09:45 | 49 | 1 | | 37 | 6 | | | 1 | | | | 1 | 88 | 307 | 4.41 |
| | 09:45 - 10:00 | 34 | | 2 | 52 | 11 | 1 | | 1 | | | | 2 | 90 | 326 | 4.68 |
| | 10:00 - 10:15 | 40 | 2 | 1 | 37 | 13 | | 2 | | | | | 2 | 82 | 330 | 4.74 |
| | 10:15 - 10:30 | 36 | | | 40 | 15 | | 1 | | | | | 1 | 77 | 337 | 4.84 |
| | 10:30 - 10:45 | 62 | 2 | | 32 | 8 | 3 | 2 | | | | | 5 | 101 | 350 | 5.03 |
| | 10:45 - 11:00 | 29 | | 2 | 42 | 4 | 1 | 1 | 1 | | | | 3 | 86 | 346 | 4.97 |
| | 11:00 - 11:15 | 49 | | | 69 | 7 | 2 | | | | | | 2 | 119 | 383 | 5.50 |
| | 11:15 - 11:30 | 70 | | 1 | 36 | 8 | | 2 | | | | | 2 | 111 | 417 | 5.99 |
| | 11:30 - 11:45 | 65 | | | 43 | 1 | | | | | | | 0 | 108 | 424 | 6.09 |
| | 11:45 - 12:00 | 62 | | 1 | 38 | 9 | 3 | | | | | | 3 | 104 | 442 | 6.35 |
| | 12:00 - 12:15 | 60 | | | 26 | 4 | | | | | | | 0 | 88 | 409 | 5.88 |
| | 12:15 - 12:30 | 58 | 1 | | 35 | 2 | 2 | | 1 | | | | 3 | 97 | 395 | 5.67 |
| | 12:30 - 12:45 | 62 | | | 53 | 3 | | 3 | | | | | 3 | 118 | 405 | 5.82 |
| | 12:45 - 13:00 | 115 | 1 | 1 | 55 | 2 | | 1 | 1 | | | | 2 | 174 | 475 | 6.82 |
| | 13:00 - 13:15 | 170 | | | 76 | 2 | 2 | 1 | 1 | | | | 4 | 250 | 639 | 9.18 |
| | 13:15 - 13:30 | 110 | | | 53 | 4 | | 4 | | | | | 4 | 167 | 709 | 10.19 |
| | 13:30 - 13:45 | 76 | | | 55 | 6 | 1 | 1 | | | | | 2 | 135 | 726 | 10.43 |
| | 13:45 - 14:00 | 75 | | 3 | 39 | | 4 | 2 | | | | | 6 | 123 | 675 | 9.70 |
| | 14:00 - 14:15 | 68 | | | 24 | 7 | 2 | 1 | | | | | 3 | 95 | 520 | 7.47 |
| | 14:15 - 14:30 | 62 | | | 35 | | 1 | 1 | | | | | 2 | 98 | 462 | 6.49 |
| | 14:30 - 14:45 | 69 | 1 | | 47 | | | | 1 | | | | 1 | 118 | 436 | 6.25 |
| | 14:45 - 15:00 | 67 | | 2 | 25 | | 1 | | 1 | | | | 2 | 96 | 408 | 5.86 |
| | 15:00 - 15:15 | 86 | | | 35 | 1 | | 2 | | | | | 2 | 122 | 435 | 6.25 |
| | 15:15 - 15:30 | 75 | | | 25 | | | 1 | | | | | 1 | 101 | 437 | 6.28 |
| | 15:30 - 15:45 | 100 | | | 35 | 1 | 1 | | | | | | 1 | 136 | 455 | 6.54 |
| | 15:45 - 16:00 | 84 | | 1 | 41 | | 1 | | | | | | 1 | 127 | 486 | 6.98 |
| | 16:00 - 16:15 | 70 | | 1 | 39 | 1 | 2 | | | | | | 2 | 112 | 476 | 6.84 |
| | 16:15 - 16:30 | 112 | | | 46 | 2 | | | | | | | 0 | 157 | 532 | 7.64 |
| | 16:30 - 16:45 | 103 | | | 48 | 3 | | 1 | | | | | 1 | 152 | 548 | 7.87 |
| | 16:45 - 17:00 | 97 | | 1 | 54 | 5 | 1 | 1 | | | | | 2 | 154 | 575 | 8.26 |
| | 17:00 - 17:15 | 110 | | 3 | 75 | 2 | | | 1 | | | | 1 | 189 | 652 | 9.37 |
| | 17:15 - 17:30 | 139 | | 1 | 71 | 7 | 1 | 1 | | | | | 2 | 213 | 708 | 10.17 |
| | 17:30 - 17:45 | 140 | | | 105 | 3 | 1 | 1 | | | | | 2 | 247 | 803 | 11.54 |
| | 17:45 - 18:00 | 108 | | | 89 | 2 | | 1 | | | | | 1 | 198 | 847 | 12.17 |
| | 18:00 - 18:15 | 70 | | | 57 | | 1 | | | | | | 1 | 128 | 786 | 11.29 |
| | 18:15 - 18:30 | 64 | | | 54 | 1 | | 1 | | | | | 1 | 119 | 692 | 9.94 |
| | 18:30 - 18:45 | 69 | 1 | | 52 | 1 | | | | | | | 0 | 122 | 567 | 8.15 |
| | 18:45 - 19:00 | 67 | | 2 | 27 | | 1 | 1 | | | | | 2 | 96 | 467 | 6.71 |
| | 19:00 - 19:15 | 67 | 1 | | 50 | 1 | | | | | | | 0 | 118 | 457 | 6.57 |
| | 19:15 - 19:30 | 66 | | | 49 | 1 | | 1 | | | | | 1 | 105 | 443 | 6.36 |
| | 19:30 - 19:45 | 51 | | | 42 | | | | | | | | 0 | 93 | 414 | 5.95 |
| | 19:45 - 20:00 | 45 | 1 | | 38 | 1 | | | | | | | 0 | 84 | 400 | 5.75 |
| | 20:00 - 20:15 | 66 | 1 | | 48 | 3 | 1 | | | | | | 1 | 116 | 398 | 5.72 |
| | 20:15 - 20:30 | 48 | | | 29 | 1 | | 1 | | | | | 1 | 79 | 371 | 5.33 |
| | 20:30 - 20:45 | 57 | | | 20 | | | 1 | 1 | | | | 2 | 79 | 357 | 5.13 |
| | 20:45 - 21:00 | 36 | 1 | | 10 | | | | | | | | 0 | 46 | 319 | 4.58 |
| | 21:00 - 21:15 | 32 | 1 | 1 | 18 | | 1 | | | | | | 1 | 53 | 266 | 3.68 |
| | 21:15 - 21:30 | 39 | | | 11 | | 1 | 1 | | | | | 2 | 52 | 230 | 3.30 |
| | 21:30 - 21:45 | 24 | | | 12 | | | | | | | | 0 | 36 | 187 | 2.69 |
| | 21:45 - 22:00 | 23 | 1 | | 22 | | | | 1 | | | | 1 | 47 | 188 | 2.70 |
| | 22:00 - 22:15 | 16 | 3 | | 11 | | | 2 | 2 | | | | 4 | 34 | 169 | 2.43 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 142 | 2.04 |
| | 22:30 - 22:45 | 7 | | | 6 | | | | | | | | 0 | 13 | 119 | 1.71 |
| | 22:45 - 23:00 | 4 | | 1 | 12 | | 1 | | | | | | 1 | 18 | 90 | 1.29 |
| | 23:00 - 23:15 | 5 | | | 5 | | | | | | | | 0 | 10 | 66 | 0.95 |
| | 23:15 - 23:30 | 8 | | | 4 | | | | | | | | 0 | 12 | 53 | 0.76 |
| | 23:30 - 23:45 | 6 | | | 9 | | | | | | | | 0 | 15 | 55 | 0.79 |
| | 23:45 - 00:00 | 12 | 1 | | 1 | | | | | | | | 0 | 14 | 51 | 0.73 |
| TOTAL 24 HORAS | | 4117 | 23 | 32 | 2665 | 273 | 49 | 47 | 28 | 0 | 0 | 0 | 124 | 5981 | | |

INGESUELOS

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 04-sep-24 | Sitio de conteo: Entrada Hurtado via la Guajira | Movimiento aforado: 1

Sentido del tránsito: N - S | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| miércoles | 00:00 - 00:15 | 6 | | | 2 | | | | 1 | | | | 1 | 9 | 9 | 0.13 |
| | 00:15 - 00:30 | 19 | | | 6 | | | 2 | 4 | | | | 6 | 31 | 31 | 0.45 |
| | 00:30 - 00:45 | 20 | | | 2 | | | | | | | | 0 | 22 | 22 | 0.32 |
| | 00:45 - 01:00 | 7 | | 1 | 1 | | | | | | | | 0 | 10 | 71 | 1.05 |
| | 01:00 - 01:15 | 4 | | 1 | 2 | | 1 | | 4 | | | | 5 | 12 | 75 | 1.09 |
| | 01:15 - 01:30 | 12 | | | 2 | | | 1 | 2 | | | | 3 | 17 | 61 | 0.89 |
| | 01:30 - 01:45 | 8 | 1 | | 1 | | | | | | | | 0 | 10 | 49 | 0.71 |
| | 01:45 - 02:00 | 5 | | | 1 | | | | | | | | 0 | 6 | 45 | 0.65 |
| | 02:00 - 02:15 | 12 | | | 1 | | 1 | | 1 | | | | 2 | 15 | 48 | 0.70 |
| | 02:15 - 02:30 | 14 | | 1 | | | | | 2 | | | | 2 | 17 | 48 | 0.70 |
| | 02:30 - 02:45 | 9 | | | 4 | | | 1 | | | | | 1 | 14 | 52 | 0.75 |
| | 02:45 - 03:00 | 15 | | | | | 1 | | 1 | | | | 2 | 17 | 63 | 0.91 |
| | 03:00 - 03:15 | 6 | | | 5 | | 1 | | | | | | 1 | 12 | 60 | 0.87 |
| | 03:15 - 03:30 | 4 | | | 1 | | | | 1 | | | | 1 | 6 | 49 | 0.71 |
| | 03:30 - 03:45 | 8 | | | | | | | | | | | 0 | 8 | 43 | 0.62 |
| | 03:45 - 04:00 | 8 | | | | | | | | | | | 0 | 8 | 34 | 0.49 |
| | 04:00 - 04:15 | 2 | | | 4 | | | | | | | | 0 | 6 | 28 | 0.41 |
| | 04:15 - 04:30 | 3 | | | 2 | | | | | | | | 0 | 5 | 27 | 0.39 |
| | 04:30 - 04:45 | 2 | | | 3 | | | | | | | | 0 | 5 | 24 | 0.35 |
| | 04:45 - 05:00 | 2 | | | 2 | | 1 | | | | | | 1 | 5 | 21 | 0.30 |
| | 05:00 - 05:15 | 1 | | | 4 | | | | | | | | 0 | 5 | 20 | 0.29 |
| | 05:15 - 05:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 18 | 0.26 |
| | 05:30 - 05:45 | 4 | | | 7 | | | 1 | | | | | 1 | 12 | 25 | 0.36 |
| | 05:45 - 06:00 | 12 | | | 10 | | | | | | | | 0 | 22 | 42 | 0.61 |
| | 06:00 - 06:15 | 3 | | | 1 | | | | | | | | 0 | 4 | 41 | 0.59 |
| | 06:15 - 06:30 | 4 | | | 9 | 2 | | | | | | | 0 | 13 | 51 | 0.74 |
| | 06:30 - 06:45 | 8 | | | 14 | | | 1 | | | | | 1 | 23 | 62 | 0.90 |
| | 06:45 - 07:00 | 9 | | | 20 | 1 | | 1 | | | | | 1 | 30 | 70 | 1.02 |
| | 07:00 - 07:15 | 13 | | 1 | 26 | 3 | | | | | | | 0 | 40 | 106 | 1.54 |
| | 07:15 - 07:30 | 24 | | | 22 | 6 | | 1 | | | | | 1 | 47 | 140 | 2.03 |
| | 07:30 - 07:45 | 12 | | | 30 | 7 | | | | | | | 0 | 42 | 159 | 2.31 |
| | 07:45 - 08:00 | 16 | | | 27 | 3 | | | | | | | 0 | 43 | 172 | 2.50 |
| | 08:00 - 08:15 | 24 | | 1 | 45 | 13 | 1 | | | | | | 1 | 71 | 203 | 2.95 |
| | 08:15 - 08:30 | 43 | 1 | | 38 | 20 | | | | | | | 0 | 82 | 238 | 3.46 |
| | 08:30 - 08:45 | 39 | | | 36 | 8 | 2 | 1 | | | | | 3 | 78 | 274 | 3.98 |
| | 08:45 - 09:00 | 28 | 2 | 2 | 38 | 18 | 2 | 2 | 1 | | | | 5 | 75 | 308 | 4.44 |
| | 09:00 - 09:15 | 32 | | 1 | 41 | 25 | 2 | | 1 | | | | 3 | 77 | 312 | 4.53 |
| | 09:15 - 09:30 | 35 | | | 34 | 20 | 1 | | | | | | 1 | 70 | 300 | 4.36 |
| | 09:30 - 09:45 | 52 | 1 | | 37 | 5 | | | 1 | | | | 1 | 91 | 313 | 4.54 |
| | 09:45 - 10:00 | 32 | | 2 | 53 | 15 | 1 | | 1 | | | | 2 | 89 | 327 | 4.75 |
| | 10:00 - 10:15 | 42 | 2 | 1 | 37 | 13 | 1 | 2 | | | | | 3 | 85 | 336 | 4.88 |
| | 10:15 - 10:30 | 37 | | | 37 | 15 | | 2 | | | | | 2 | 76 | 341 | 4.95 |
| | 10:30 - 10:45 | 65 | 2 | | 30 | 5 | 3 | 2 | | | | | 5 | 102 | 352 | 5.11 |
| | 10:45 - 11:00 | 37 | | 2 | 42 | 3 | 1 | 1 | 1 | | | | 3 | 84 | 347 | 5.04 |
| | 11:00 - 11:15 | 47 | | | 68 | 10 | 2 | | | | | | 2 | 117 | 379 | 5.50 |
| | 11:15 - 11:30 | 78 | | 1 | 42 | 4 | | 2 | | | | | 2 | 121 | 424 | 6.15 |
| | 11:30 - 11:45 | 62 | | | 43 | 1 | | 2 | | | | | 2 | 107 | 429 | 6.23 |
| | 11:45 - 12:00 | 59 | | 1 | 48 | 10 | 5 | | | | | | 5 | 113 | 458 | 6.65 |
| | 12:00 - 12:15 | 57 | | | 26 | 2 | 1 | | | | | | 1 | 84 | 425 | 6.17 |
| | 12:15 - 12:30 | 62 | 1 | | 35 | 2 | | | 1 | | | | 1 | 99 | 403 | 5.85 |
| | 12:30 - 12:45 | 42 | | | 49 | 4 | 2 | 3 | | | | | 5 | 96 | 392 | 5.69 |
| | 12:45 - 13:00 | 110 | 1 | 1 | 55 | 2 | | 1 | 1 | | | | 2 | 169 | 448 | 6.50 |
| | 13:00 - 13:15 | 164 | | | 75 | 2 | 2 | 1 | 1 | | | | 4 | 243 | 607 | 8.81 |
| | 13:15 - 13:30 | 109 | | | 53 | 3 | 1 | | 1 | | | | 2 | 164 | 672 | 9.76 |
| | 13:30 - 13:45 | 78 | | | 55 | 4 | 1 | 1 | | | | | 2 | 135 | 711 | 10.32 |
| | 13:45 - 14:00 | 72 | | 3 | 32 | 2 | 4 | 2 | | | | | 6 | 113 | 655 | 9.51 |
| | 14:00 - 14:15 | 69 | | | 24 | 3 | 1 | 3 | | | | | 4 | 97 | 509 | 7.39 |
| | 14:15 - 14:30 | 63 | | | 30 | 1 | | 1 | | | | | 1 | 94 | 430 | 6.37 |
| | 14:30 - 14:45 | 70 | 1 | | 46 | 4 | | | 1 | | | | 1 | 116 | 422 | 6.13 |
| | 14:45 - 15:00 | 65 | 1 | 1 | 26 | | 1 | | 1 | | | | 2 | 94 | 403 | 5.85 |
| | 15:00 - 15:15 | 78 | | | 45 | 1 | | 1 | | | | | 1 | 124 | 430 | 6.24 |
| | 15:15 - 15:30 | 74 | | 1 | 28 | | | 1 | | | | | 1 | 104 | 440 | 6.39 |
| | 15:30 - 15:45 | 96 | | | 48 | 1 | | 2 | | | | | 2 | 146 | 468 | 6.79 |
| | 15:45 - 16:00 | 84 | | 1 | 43 | | 1 | | | | | | 1 | 129 | 503 | 7.30 |
| | 16:00 - 16:15 | 75 | | 1 | 38 | 2 | | 1 | | | | | 1 | 115 | 494 | 7.17 |
| | 16:15 - 16:30 | 115 | | | 48 | 5 | | | | | | | 0 | 163 | 553 | 8.03 |
| | 16:30 - 16:45 | 102 | | | 46 | 3 | | 2 | 1 | | | | 3 | 151 | 558 | 8.10 |
| | 16:45 - 17:00 | 97 | | 1 | 56 | 5 | 1 | 1 | | | | | 2 | 156 | 585 | 8.49 |
| | 17:00 - 17:15 | 99 | | 3 | 60 | 4 | 2 | | | | | | 2 | 164 | 634 | 9.20 |
| | 17:15 - 17:30 | 142 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 216 | 687 | 9.97 |
| | 17:30 - 17:45 | 122 | | | 110 | 6 | 1 | 2 | | | | | 3 | 235 | 771 | 11.19 |
| | 17:45 - 18:00 | 115 | | | 85 | 3 | | 1 | | | | | 1 | 201 | 815 | 11.85 |
| | 18:00 - 18:15 | 70 | | | 57 | | 1 | | | | | | 1 | 128 | 780 | 11.32 |
| | 18:15 - 18:30 | 52 | | | 55 | 1 | 1 | 1 | | | | | 2 | 110 | 683 | 9.92 |
| | 18:30 - 18:45 | 52 | 1 | | 52 | 1 | | | | | | | 0 | 115 | 563 | 8.17 |
| | 18:45 - 19:00 | 70 | | 2 | 26 | | 1 | | | | | | 1 | 98 | 460 | 6.68 |
| | 19:00 - 19:15 | 57 | 1 | | 51 | 1 | | | | | | | 0 | 119 | 461 | 6.66 |
| | 19:15 - 19:30 | 55 | | | 45 | 1 | | 1 | | | | | 1 | 102 | 434 | 6.30 |
| | 19:30 - 19:45 | 50 | | | 47 | | | 1 | | | | | 1 | 98 | 417 | 6.05 |
| | 19:45 - 20:00 | 45 | 1 | | 42 | | | | | | | | 0 | 88 | 407 | 5.91 |
| | 20:00 - 20:15 | 66 | 1 | | 48 | 3 | | | | | | | 0 | 115 | 403 | 5.85 |
| | 20:15 - 20:30 | 49 | | | 27 | 1 | | 1 | | | | | 1 | 77 | 378 | 5.49 |
| | 20:30 - 20:45 | 52 | | | 23 | | 1 | 1 | | | | | 2 | 81 | 361 | 5.24 |
| | 20:45 - 21:00 | 32 | 1 | | 15 | | | | | | | | 0 | 48 | 321 | 4.66 |
| | 21:00 - 21:15 | 30 | 2 | | 26 | | 1 | | | | | | 1 | 59 | 285 | 3.85 |
| | 21:15 - 21:30 | 39 | | | 11 | | 2 | | | | | | 2 | 52 | 240 | 3.48 |
| | 21:30 - 21:45 | 26 | | | 12 | | 1 | | | | | | 1 | 39 | 198 | 2.87 |
| | 21:45 - 22:00 | 22 | 1 | | 15 | 1 | | | 1 | | | | 1 | 39 | 189 | 2.74 |
| | 22:00 - 22:15 | 17 | 3 | | 12 | | | 2 | 2 | | | | 4 | 36 | 166 | 2.41 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 139 | 2.02 |
| | 22:30 - 22:45 | 12 | | | 8 | | | | | | | | 0 | 20 | 120 | 1.74 |
| | 22:45 - 23:00 | 9 | | 1 | 11 | | 1 | | | | | | 1 | 22 | 103 | 1.50 |
| | 23:00 - 23:15 | 2 | | | 5 | | | | | | | | 0 | 7 | 74 | 1.07 |
| | 23:15 - 23:30 | 4 | | | 4 | | | | | | | | 0 | 8 | 57 | 0.83 |
| | 23:30 - 23:45 | 6 | | | 10 | | | | | | | | 0 | 16 | 53 | 0.77 |
| | 23:45 - 00:00 | 8 | 1 | | 1 | | | | | | | | 0 | 10 | 41 | 0.60 |
| TOTAL 24 HORAS | | 4016 | 25 | 32 | 2677 | 278 | 64 | 53 | 31 | 0 | 0 | 0 | 136 | 6888 | | |

INGESUELOS

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 05-sep-24 | Sitio de conteo: Entrada Hurtado via la Guajira | Movimiento aforado: 1

Sentido del tránsito: N - S | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min | TOTAL | VARIACION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | A,B,C,M | Hora | Horaria % |
| jueves | 00:00 - 00:15 | 6 | | | 4 | | | | 2 | | | | 2 | 12 | 12 | 0.17 |
| | 00:15 - 00:30 | 14 | | | 8 | | | 1 | 4 | | | | 5 | 27 | 27 | 0.39 |
| | 00:30 - 00:45 | 22 | | | 2 | | | | | | | | 0 | 24 | 24 | 0.35 |
| | 00:45 - 01:00 | 9 | | 1 | 4 | | | | | | | | 0 | 13 | 76 | 1.11 |
| | 01:00 - 01:15 | 4 | 1 | 1 | 1 | | 1 | | 3 | | | | 4 | 11 | 75 | 1.09 |
| | 01:15 - 01:30 | 10 | | | 1 | | 1 | | 2 | | | | 3 | 14 | 62 | 0.90 |
| | 01:30 - 01:45 | 8 | 1 | | 1 | | | | | | | | 0 | 10 | 48 | 0.70 |
| | 01:45 - 02:00 | 6 | | | 1 | | | | | | | | 0 | 7 | 42 | 0.61 |
| | 02:00 - 02:15 | 9 | | | 1 | | 1 | 1 | 1 | | | | 3 | 13 | 44 | 0.64 |
| | 02:15 - 02:30 | 11 | 1 | | | | | | 2 | | | | 2 | 14 | 44 | 0.64 |
| | 02:30 - 02:45 | 9 | | | 0 | | | | | | | | 0 | 12 | 46 | 0.67 |
| | 02:45 - 03:00 | 22 | | | 1 | | 1 | | 2 | | | | 3 | 26 | 65 | 0.95 |
| | 03:00 - 03:15 | 6 | | | 4 | | 1 | | | | | | 1 | 11 | 63 | 0.92 |
| | 03:15 - 03:30 | 4 | | | 2 | | | | 2 | | | | 2 | 8 | 57 | 0.83 |
| | 03:30 - 03:45 | 7 | | | | | | | | | | | 0 | 7 | 52 | 0.76 |
| | 03:45 - 04:00 | 6 | | | 1 | | | | | | | | 0 | 7 | 33 | 0.48 |
| | 04:00 - 04:15 | 4 | | | 5 | | | | | | | | 0 | 9 | 31 | 0.45 |
| | 04:15 - 04:30 | 2 | | | 3 | | | | | | | | 0 | 5 | 28 | 0.41 |
| | 04:30 - 04:45 | 3 | | | 2 | | | | | | | | 0 | 5 | 26 | 0.38 |
| | 04:45 - 05:00 | 5 | | | 2 | | 1 | | | | | | 1 | 8 | 27 | 0.39 |
| | 05:00 - 05:15 | 1 | | | 5 | | | | | | | | 0 | 6 | 24 | 0.35 |
| | 05:15 - 05:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 22 | 0.32 |
| | 05:30 - 05:45 | 7 | | | 8 | | | | | | | | 0 | 15 | 32 | 0.47 |
| | 05:45 - 06:00 | 12 | | | 9 | | | | | | | | 0 | 21 | 45 | 0.66 |
| | 06:00 - 06:15 | 1 | | | 1 | | | | | | | | 0 | 2 | 41 | 0.60 |
| | 06:15 - 06:30 | 2 | | | 10 | 2 | | 1 | | | | | 1 | 13 | 51 | 0.74 |
| | 06:30 - 06:45 | 5 | | | 12 | | | | | | | | 0 | 17 | 53 | 0.77 |
| | 06:45 - 07:00 | 10 | | | 22 | 1 | | 1 | | | | | 1 | 33 | 65 | 0.95 |
| | 07:00 - 07:15 | 11 | | | 24 | 3 | | | | | | | 0 | 35 | 98 | 1.43 |
| | 07:15 - 07:30 | 22 | | 1 | 20 | 6 | | 1 | | | | | 1 | 44 | 129 | 1.88 |
| | 07:30 - 07:45 | 11 | | | 31 | 7 | | | | | | | 0 | 42 | 154 | 2.24 |
| | 07:45 - 08:00 | 14 | | | 29 | 6 | | | | | | | 0 | 43 | 164 | 2.39 |
| | 08:00 - 08:15 | 24 | | | 47 | 13 | 1 | | 1 | | | | 2 | 73 | 202 | 2.94 |
| | 08:15 - 08:30 | 40 | 2 | | 40 | 17 | | | | | | | 0 | 86 | 246 | 3.58 |
| | 08:30 - 08:45 | 37 | | | 40 | 8 | 2 | 1 | | | | | 3 | 80 | 284 | 4.13 |
| | 08:45 - 09:00 | 24 | 1 | 2 | 42 | 18 | 2 | 2 | | | | | 4 | 73 | 314 | 4.57 |
| | 09:00 - 09:15 | 30 | | 1 | 39 | 23 | 2 | | 1 | | | | 3 | 73 | 314 | 4.57 |
| | 09:15 - 09:30 | 37 | | | 39 | 16 | 1 | | | | | | 1 | 74 | 300 | 4.37 |
| | 09:30 - 09:45 | 52 | 1 | | 34 | 5 | | | 1 | | | | 1 | 88 | 308 | 4.48 |
| | 09:45 - 10:00 | 32 | | 2 | 50 | 11 | 1 | 1 | | | | | 2 | 86 | 321 | 4.67 |
| | 10:00 - 10:15 | 42 | 1 | 1 | 40 | 13 | 1 | 2 | | | | | 3 | 87 | 335 | 4.88 |
| | 10:15 - 10:30 | 34 | | | 39 | 15 | | 2 | | | | | 2 | 75 | 336 | 4.89 |
| | 10:30 - 10:45 | 60 | 1 | | 30 | 8 | 3 | 2 | | | | | 5 | 96 | 344 | 5.01 |
| | 10:45 - 11:00 | 37 | | 2 | 40 | 3 | 1 | 1 | 1 | | | | 3 | 82 | 340 | 4.95 |
| | 11:00 - 11:15 | 47 | | | 65 | 7 | 3 | | | | | | 3 | 119 | 372 | 5.42 |
| | 11:15 - 11:30 | 68 | | 2 | 36 | 4 | 2 | 2 | | | | | 4 | 113 | 410 | 5.97 |
| | 11:30 - 11:45 | 86 | | | 40 | 1 | | 1 | | | | | 1 | 107 | 421 | 6.13 |
| | 11:45 - 12:00 | 64 | | 1 | 38 | 9 | 5 | 1 | | | | | 6 | 109 | 445 | 6.52 |
| | 12:00 - 12:15 | 59 | | | 26 | 2 | 1 | | | | | | 1 | 86 | 415 | 6.04 |
| | 12:15 - 12:30 | 62 | 1 | | 35 | 2 | | | 1 | | | | 1 | 99 | 401 | 5.84 |
| | 12:30 - 12:45 | 60 | | | 54 | 3 | 1 | 3 | | | | | 4 | 118 | 412 | 6.00 |
| | 12:45 - 13:00 | 110 | 1 | 1 | 55 | 2 | | 4 | 1 | | | | 5 | 172 | 475 | 6.92 |
| | 13:00 - 13:15 | 162 | | | 74 | 2 | 2 | 1 | | | | | 3 | 239 | 628 | 9.14 |
| | 13:15 - 13:30 | 109 | | | 50 | 3 | | 1 | 2 | | | | 3 | 162 | 691 | 10.06 |
| | 13:30 - 13:45 | 75 | | | 55 | 5 | 1 | 1 | | | | | 2 | 132 | 705 | 10.26 |
| | 13:45 - 14:00 | 70 | | 3 | 38 | 2 | 4 | 1 | | | | | 5 | 116 | 649 | 9.45 |
| | 14:00 - 14:15 | 68 | | | 24 | 3 | 2 | 2 | | | | | 4 | 96 | 506 | 7.37 |
| | 14:15 - 14:30 | 64 | | | 36 | 1 | 1 | 1 | | | | | 2 | 102 | 446 | 6.49 |
| | 14:30 - 14:45 | 63 | 1 | | 48 | 1 | | 1 | | | | | 1 | 111 | 425 | 6.19 |
| | 14:45 - 15:00 | 68 | | 2 | 26 | | 1 | | 1 | | | | 2 | 96 | 404 | 5.88 |
| | 15:00 - 15:15 | 77 | | | 35 | 1 | | 1 | | | | | 1 | 113 | 421 | 6.13 |
| | 15:15 - 15:30 | 75 | | | 25 | | | | | | | | 0 | 100 | 419 | 6.10 |
| | 15:30 - 15:45 | 96 | | | 36 | 1 | 1 | 1 | | | | | 2 | 132 | 440 | 6.41 |
| | 15:45 - 16:00 | 90 | | 1 | 41 | | 1 | | | | | | 1 | 133 | 478 | 6.96 |
| | 16:00 - 16:15 | 72 | 1 | 1 | 39 | 2 | 1 | 1 | | | | | 2 | 114 | 479 | 6.97 |
| | 16:15 - 16:30 | 115 | | | 45 | 1 | | | | | | | 0 | 160 | 539 | 7.85 |
| | 16:30 - 16:45 | 102 | | | 46 | 3 | 1 | 1 | | | | | 2 | 150 | 557 | 8.11 |
| | 16:45 - 17:00 | 97 | | 1 | 54 | 5 | | 2 | | | | | 2 | 154 | 578 | 8.41 |
| | 17:00 - 17:15 | 101 | 2 | 1 | 78 | 4 | 2 | | | | | | 2 | 184 | 648 | 9.43 |
| | 17:15 - 17:30 | 142 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 216 | 704 | 10.25 |
| | 17:30 - 17:45 | 129 | | | 110 | 6 | 1 | 2 | | | | | 3 | 242 | 796 | 11.59 |
| | 17:45 - 18:00 | 112 | | | 87 | 3 | | 1 | | | | | 1 | 200 | 842 | 12.26 |
| | 18:00 - 18:15 | 67 | | | 60 | | 1 | | | | | | 1 | 126 | 786 | 11.44 |
| | 18:15 - 18:30 | 66 | | | 50 | 1 | 1 | | | | | | 1 | 117 | 687 | 10.00 |
| | 18:30 - 18:45 | 69 | 1 | | 54 | 1 | | 1 | | | | | 1 | 125 | 570 | 8.30 |
| | 18:45 - 19:00 | 65 | 1 | 1 | 28 | | 2 | | | | | | 2 | 97 | 467 | 6.80 |
| | 19:00 - 19:15 | 67 | 1 | | 46 | 1 | | | | | | | 0 | 114 | 453 | 6.59 |
| | 19:15 - 19:30 | 54 | | | 48 | 1 | | 1 | | | | | 1 | 103 | 439 | 6.39 |
| | 19:30 - 19:45 | 48 | | | 50 | | | | | | | | 0 | 98 | 412 | 6.00 |
| | 19:45 - 20:00 | 44 | 1 | | 40 | | | | | | | | 0 | 85 | 400 | 5.82 |
| | 20:00 - 20:15 | 68 | 1 | | 42 | 3 | | 1 | | | | | 1 | 112 | 396 | 5.76 |
| | 20:15 - 20:30 | 50 | | | 29 | 1 | | 1 | | | | | 1 | 80 | 375 | 5.46 |
| | 20:30 - 20:45 | 66 | | | 20 | | | 2 | | | | | 2 | 76 | 355 | 5.17 |
| | 20:45 - 21:00 | 36 | 2 | | 10 | | | | | | | | 0 | 48 | 318 | 4.63 |
| | 21:00 - 21:15 | 30 | 1 | | 28 | | 1 | | | | | | 1 | 60 | 298 | 3.87 |
| | 21:15 - 21:30 | 36 | | | 11 | | 2 | 1 | | | | | 3 | 52 | 298 | 3.46 |
| | 21:30 - 21:45 | 24 | | | 10 | | | | | | | | 0 | 34 | 194 | 2.82 |
| | 21:45 - 22:00 | 12 | 1 | | 15 | 1 | | 1 | | | | | 1 | 29 | 175 | 2.55 |
| | 22:00 - 22:15 | 15 | 2 | 1 | 15 | | 1 | 2 | 1 | | | | 4 | 37 | 152 | 2.21 |
| | 22:15 - 22:30 | 14 | | | 13 | | | | | | | | 0 | 27 | 127 | 1.85 |
| | 22:30 - 22:45 | 8 | | | 6 | | | | | | | | 0 | 14 | 107 | 1.56 |
| | 22:45 - 23:00 | 8 | 1 | 0 | 12 | | 1 | | | | | | 1 | 20 | 98 | 1.43 |
| | 23:00 - 23:15 | 5 | | | 5 | | | 1 | | | | | 1 | 11 | 72 | 1.05 |
| | 23:15 - 23:30 | 4 | | | 4 | | | | | | | | 0 | 8 | 53 | 0.77 |
| | 23:30 - 23:45 | 7 | | | 9 | | | | | | | | 0 | 16 | 55 | 0.80 |
| | 23:45 - 00:00 | 8 | | 1 | 1 | | | | | | | | 0 | 10 | 45 | 0.65 |
| TOTAL 24 HORAS | | 3997 | 27 | 28 | 2973 | 259 | 60 | 56 | 28 | 0 | 0 | 0 | 144 | 6889 | | |

INGESUELOS

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 06-sep-24 | Sitio de conteo: | Movimiento aforado: 1

Sentido del tránsito: N - S | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| viernes | 00:00 - 00:15 | 4 | | | 2 | | | | 1 | | | | 1 | 7 | 7 | 0.10 |
| | 00:15 - 00:30 | 16 | | | 2 | | | 2 | 4 | | | | 6 | 24 | 24 | 0.35 |
| | 00:30 - 00:45 | 20 | | | 6 | | | | | | | | 0 | 26 | 26 | 0.38 |
| | 00:45 - 01:00 | 4 | | 2 | 1 | | | | | | | | 0 | 7 | 64 | 0.93 |
| | 01:00 - 01:15 | 8 | | 1 | 1 | | 1 | | 4 | | | | 5 | 15 | 72 | 1.04 |
| | 01:15 - 01:30 | 10 | | | 2 | | | 1 | 2 | | | | 3 | 15 | 63 | 0.91 |
| | 01:30 - 01:45 | 16 | 1 | | 1 | | | | | | | | 0 | 18 | 55 | 0.79 |
| | 01:45 - 02:00 | 2 | | | 2 | | | | | | | | 0 | 4 | 52 | 0.75 |
| | 02:00 - 02:15 | 10 | | | 1 | | 1 | | 1 | | | | 2 | 13 | 50 | 0.72 |
| | 02:15 - 02:30 | 13 | | 1 | | | | | 2 | | | | 2 | 16 | 51 | 0.74 |
| | 02:30 - 02:45 | 9 | | | 4 | | | | | | | | 0 | 13 | 46 | 0.66 |
| | 02:45 - 03:00 | 15 | | | | | | 1 | 1 | | | | 2 | 17 | 59 | 0.85 |
| | 03:00 - 03:15 | 6 | | | 5 | | 1 | | | | | | 1 | 12 | 58 | 0.84 |
| | 03:15 - 03:30 | 7 | | | 2 | | | | 1 | | | | 1 | 10 | 52 | 0.75 |
| | 03:30 - 03:45 | 8 | | | | | | | | | | | 0 | 8 | 47 | 0.68 |
| | 03:45 - 04:00 | 5 | | | | | | | | | | | 0 | 5 | 35 | 0.51 |
| | 04:00 - 04:15 | 3 | | | 4 | | | | | | | | 0 | 7 | 30 | 0.43 |
| | 04:15 - 04:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 23 | 0.33 |
| | 04:30 - 04:45 | 1 | | | 3 | | | | | | | | 0 | 4 | 19 | 0.27 |
| | 04:45 - 05:00 | 1 | | | 1 | | 1 | | | | | | 1 | 3 | 17 | 0.25 |
| | 05:00 - 05:15 | 4 | | | 4 | | | | | | | | 0 | 8 | 18 | 0.26 |
| | 05:15 - 05:30 | 2 | | | 2 | | | | | | | | 0 | 4 | 19 | 0.27 |
| | 05:30 - 05:45 | 5 | | | 7 | | | | | | | | 0 | 12 | 27 | 0.39 |
| | 05:45 - 06:00 | 12 | | | 10 | | | | | | | | 0 | 22 | 46 | 0.66 |
| | 06:00 - 06:15 | 3 | | | 2 | | | | | | | | 0 | 5 | 43 | 0.62 |
| | 06:15 - 06:30 | 2 | | | 9 | 2 | | 1 | | | | | 1 | 12 | 51 | 0.74 |
| | 06:30 - 06:45 | 9 | | | 14 | | | 1 | | | | | 1 | 24 | 63 | 0.91 |
| | 06:45 - 07:00 | 10 | | | 20 | 1 | | | | | | | 0 | 30 | 71 | 1.02 |
| | 07:00 - 07:15 | 12 | | | 26 | 9 | | | | | | | 0 | 38 | 104 | 1.50 |
| | 07:15 - 07:30 | 22 | | 2 | 22 | 6 | 1 | 1 | | | | | 2 | 48 | 140 | 2.02 |
| | 07:30 - 07:45 | 12 | | | 34 | 7 | | | | | | | 0 | 46 | 162 | 2.34 |
| | 07:45 - 08:00 | 16 | | | 28 | 10 | | | | | | | 0 | 44 | 176 | 2.54 |
| | 08:00 - 08:15 | 24 | | | 44 | 13 | 1 | 1 | | | | | 2 | 70 | 208 | 3.00 |
| | 08:15 - 08:30 | 41 | 1 | | 36 | 17 | | | | | | | 0 | 78 | 238 | 3.44 |
| | 08:30 - 08:45 | 38 | | | 38 | 12 | 2 | 1 | | | | | 3 | 79 | 271 | 3.91 |
| | 08:45 - 09:00 | 26 | 2 | 2 | 40 | 18 | 2 | | 1 | | | | 3 | 73 | 300 | 4.33 |
| | 09:00 - 09:15 | 33 | | 1 | 41 | 23 | 1 | | 1 | | | | 2 | 77 | 307 | 4.43 |
| | 09:15 - 09:30 | 35 | | | 34 | 18 | 1 | 1 | | | | | 2 | 71 | 300 | 4.33 |
| | 09:30 - 09:45 | 51 | 1 | | 37 | 7 | | | 1 | | | | 1 | 90 | 311 | 4.49 |
| | 09:45 - 10:00 | 34 | | 2 | 53 | 11 | | 1 | 1 | | | | 2 | 91 | 329 | 4.75 |
| | 10:00 - 10:15 | 42 | 2 | 1 | 34 | 13 | 1 | 2 | | | | | 3 | 82 | 334 | 4.82 |
| | 10:15 - 10:30 | 38 | | | 37 | 15 | | 2 | | | | | 2 | 77 | 340 | 4.91 |
| | 10:30 - 10:45 | 62 | 2 | | 30 | 9 | 3 | 2 | | | | | 5 | 99 | 349 | 5.04 |
| | 10:45 - 11:00 | 41 | | 2 | 42 | 3 | 1 | 1 | 1 | | | | 3 | 88 | 346 | 4.99 |
| | 11:00 - 11:15 | 47 | | | 68 | 7 | 2 | | | | | | 2 | 117 | 381 | 5.50 |
| | 11:15 - 11:30 | 68 | | 1 | 40 | 4 | 1 | 2 | | | | | 3 | 112 | 416 | 6.01 |
| | 11:30 - 11:45 | 70 | | | 43 | 1 | | 2 | | | | | 2 | 115 | 432 | 6.24 |
| | 11:45 - 12:00 | 103 | | 1 | 38 | 9 | 3 | 1 | | | | | 4 | 105 | 449 | 6.48 |
| | 12:00 - 12:15 | 80 | | | 26 | 2 | 1 | 1 | | | | | 2 | 88 | 420 | 6.06 |
| | 12:15 - 12:30 | 57 | 1 | | 35 | 2 | | | 1 | | | | 1 | 94 | 402 | 5.80 |
| | 12:30 - 12:45 | 62 | | | 52 | 3 | 2 | 3 | | | | | 5 | 119 | 406 | 5.86 |
| | 12:45 - 13:00 | 110 | 1 | 1 | 55 | 2 | | 1 | 1 | | | | 2 | 169 | 470 | 6.78 |
| | 13:00 - 13:15 | 140 | | | 75 | 2 | 2 | 1 | 1 | | | | 4 | 219 | 601 | 8.68 |
| | 13:15 - 13:30 | 121 | | | 53 | 3 | | 1 | 1 | | | | 2 | 176 | 683 | 9.86 |
| | 13:30 - 13:45 | 85 | | | 56 | 6 | 1 | 1 | | | | | 2 | 142 | 706 | 10.19 |
| | 13:45 - 14:00 | 75 | | 3 | 38 | 2 | 4 | 2 | | | | | 6 | 122 | 669 | 9.61 |
| | 14:00 - 14:15 | 69 | | | 24 | 3 | 1 | 3 | | | | | 4 | 97 | 537 | 7.75 |
| | 14:15 - 14:30 | 62 | | | 36 | 1 | 1 | 1 | | | | | 2 | 99 | 460 | 6.64 |
| | 14:30 - 14:45 | 70 | 1 | | 48 | 1 | | | 1 | | | | 1 | 118 | 436 | 6.29 |
| | 14:45 - 15:00 | 65 | | 2 | 25 | | 1 | 2 | 1 | | | | 4 | 96 | 410 | 5.92 |
| | 15:00 - 15:15 | 79 | | | 35 | 1 | | 1 | | | | | 1 | 115 | 428 | 6.18 |
| | 15:15 - 15:30 | 80 | | | 28 | | | | | | | | 0 | 108 | 437 | 6.31 |
| | 15:30 - 15:45 | 98 | | | 35 | 1 | 1 | | | | | | 1 | 132 | 451 | 6.51 |
| | 15:45 - 16:00 | 84 | | 1 | 41 | | 1 | | | | | | 1 | 127 | 482 | 6.96 |
| | 16:00 - 16:15 | 71 | | 1 | 38 | 2 | | | | | | | 0 | 110 | 477 | 6.89 |
| | 16:15 - 16:30 | 113 | | | 45 | 1 | | | | | | | 0 | 158 | 527 | 7.61 |
| | 16:30 - 16:45 | 103 | | | 46 | 3 | | 1 | | | | | 1 | 150 | 545 | 7.87 |
| | 16:45 - 17:00 | 97 | | 1 | 54 | 5 | 1 | 1 | | | | | 2 | 154 | 572 | 8.26 |
| | 17:00 - 17:15 | 125 | | 3 | 78 | 4 | 2 | | | | | | 2 | 208 | 670 | 9.67 |
| | 17:15 - 17:30 | 138 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 212 | 724 | 10.45 |
| | 17:30 - 17:45 | 132 | | | 104 | 6 | 1 | 2 | | | | | 3 | 239 | 813 | 11.74 |
| | 17:45 - 18:00 | 115 | | | 85 | 3 | | 1 | | | | | 1 | 201 | 880 | 12.42 |
| | 18:00 - 18:15 | 69 | | | 57 | | 1 | | | | | | 1 | 127 | 779 | 11.25 |
| | 18:15 - 18:30 | 62 | | | 55 | 1 | 1 | 1 | | | | | 2 | 119 | 686 | 9.90 |
| | 18:30 - 18:45 | 69 | 1 | | 52 | 1 | | | | | | | 0 | 122 | 569 | 8.21 |
| | 18:45 - 19:00 | 67 | | 2 | 26 | | 1 | | | | | | 1 | 96 | 483 | 6.68 |
| | 19:00 - 19:15 | 67 | 1 | | 55 | 1 | | | | | | | 0 | 123 | 459 | 6.63 |
| | 19:15 - 19:30 | 55 | | | 48 | 1 | | | | | | | 0 | 103 | 443 | 6.40 |
| | 19:30 - 19:45 | 50 | | | 46 | | | 1 | | | | | 1 | 97 | 416 | 6.03 |
| | 19:45 - 20:00 | 45 | 1 | | 42 | | | | | | | | 0 | 88 | 411 | 5.93 |
| | 20:00 - 20:15 | 96 | 1 | | 42 | 3 | | | | | | | 0 | 109 | 397 | 5.73 |
| | 20:15 - 20:30 | 49 | | | 29 | 1 | | 1 | | | | | 1 | 79 | 373 | 5.38 |
| | 20:30 - 20:45 | 62 | | | 20 | | | 1 | | | | | 1 | 78 | 354 | 5.11 |
| | 20:45 - 21:00 | 35 | 1 | | 10 | | | | | | | | 0 | 46 | 312 | 4.50 |
| | 21:00 - 21:15 | 29 | 2 | | 24 | | 1 | | 1 | | | | 2 | 55 | 259 | 3.74 |
| | 21:15 - 21:30 | 39 | | | 15 | | | 1 | 1 | | | | 2 | 56 | 236 | 3.41 |
| | 21:30 - 21:45 | 24 | | | 12 | | | | | | | | 0 | 36 | 194 | 2.80 |
| | 21:45 - 22:00 | 23 | 1 | | 17 | 1 | | | 1 | | | | 1 | 42 | 190 | 2.74 |
| | 22:00 - 22:15 | 22 | 4 | | 15 | | 1 | | 1 | | | | 2 | 43 | 177 | 2.56 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 146 | 2.11 |
| | 22:30 - 22:45 | 7 | | | 6 | | | | | | | | 0 | 13 | 123 | 1.78 |
| | 22:45 - 23:00 | 7 | | 1 | 12 | | 1 | 1 | | | | | 2 | 22 | 103 | 1.49 |
| | 23:00 - 23:15 | 8 | | | 5 | | | | | | | | 0 | 13 | 73 | 1.05 |
| | 23:15 - 23:30 | 7 | | | 4 | | | | | | | | 0 | 11 | 59 | 0.85 |
| | 23:30 - 23:45 | 8 | | | 10 | | | | | | | | 0 | 18 | 62 | 0.90 |
| | 23:45 - 00:00 | 9 | 1 | | 1 | | | | | | | | 0 | 11 | 51 | 0.74 |
| TOTAL 24 HORAS | | 4074 | 25 | 32 | 2965 | 277 | 49 | 52 | 30 | 0 | 0 | 0 | 131 | 6927 | | |

INGESUELOS de Colombia Ltda

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 07-sep-24 | Sitio de conteo: Entrada Hurtado via la Guajira | Movimiento aforado: 1

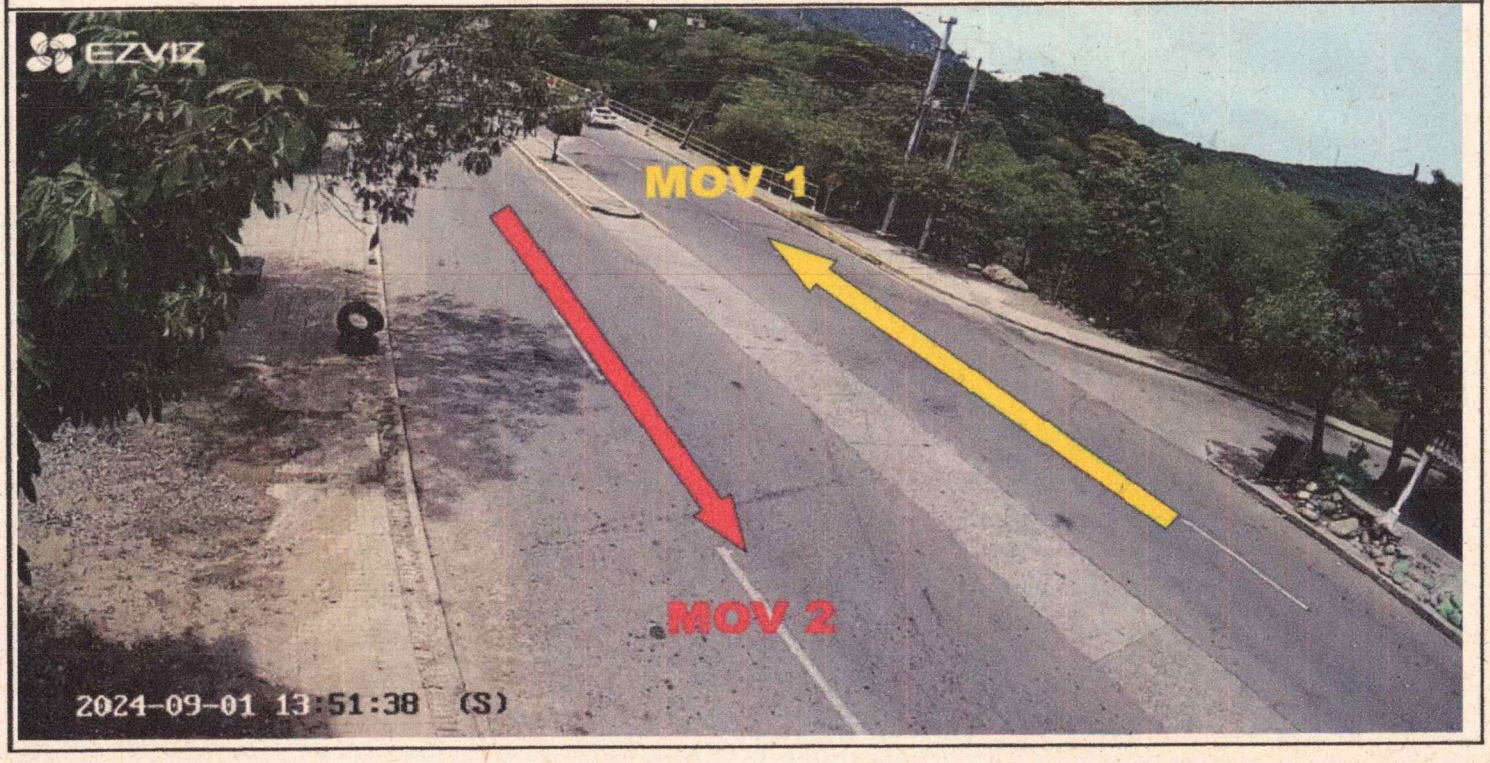
Sentido del tránsito: N - S | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión:

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| sábado | 00:00 - 00:15 | 6 | | | 1 | | | | 1 | | | | 1 | 8 | 8 | 0.11 |
| | 00:15 - 00:30 | 20 | | | 7 | | | 2 | 4 | | | | 6 | 33 | 33 | 0.47 |
| | 00:30 - 00:45 | 18 | | | 1 | | | | | | | | 0 | 19 | 19 | 0.27 |
| | 00:45 - 01:00 | 6 | | 2 | 5 | | | | | | | | 0 | 15 | 75 | 1.07 |
| | 01:00 - 01:15 | 4 | | 1 | 2 | 2 | 1 | | 4 | | | | 5 | 12 | 79 | 1.13 |
| | 01:15 - 01:30 | 12 | | | 6 | | 1 | | 2 | | | | 3 | 21 | 67 | 0.96 |
| | 01:30 - 01:45 | 6 | 1 | 1 | 1 | | | | | | | | 0 | 9 | 57 | 0.82 |
| | 01:45 - 02:00 | 4 | | | 1 | | | | | | | | 0 | 5 | 47 | 0.67 |
| | 02:00 - 02:15 | 12 | | | | 4 | 1 | | 1 | | | | 2 | 14 | 49 | 0.70 |
| | 02:15 - 02:30 | 15 | | 1 | 1 | | | | 2 | | | | 2 | 19 | 47 | 0.67 |
| | 02:30 - 02:45 | 9 | | | 4 | | 1 | | | | | | 1 | 14 | 52 | 0.74 |
| | 02:45 - 03:00 | 20 | | | | | 1 | | 1 | | | | 2 | 22 | 69 | 0.99 |
| | 03:00 - 03:15 | 5 | | | 6 | 6 | | | | | | | 0 | 11 | 66 | 0.94 |
| | 03:15 - 03:30 | 2 | | | | | | | 1 | | | | 1 | 3 | 50 | 0.72 |
| | 03:30 - 03:45 | 10 | | | 6 | | 1 | | | | | | 1 | 17 | 53 | 0.76 |
| | 03:45 - 04:00 | 8 | | 1 | | 2 | | | | | | | 0 | 9 | 40 | 0.57 |
| | 04:00 - 04:15 | 1 | | | 3 | | | | | | | | 0 | 4 | 33 | 0.47 |
| | 04:15 - 04:30 | 2 | 1 | | 2 | 1 | 1 | | | | | | 1 | 6 | 36 | 0.52 |
| | 04:30 - 04:45 | 4 | | | 5 | | | | | | | | 0 | 9 | 28 | 0.40 |
| | 04:45 - 05:00 | 1 | | | 2 | | 1 | | | | | | 1 | 4 | 23 | 0.33 |
| | 05:00 - 05:15 | 2 | | | 2 | 4 | | | | | | | 0 | 4 | 23 | 0.33 |
| | 05:15 - 05:30 | 2 | 1 | | 5 | | | | | | | | 0 | 8 | 25 | 0.36 |
| | 05:30 - 05:45 | 7 | | | 7 | | | | | | | | 0 | 14 | 30 | 0.43 |
| | 05:45 - 06:00 | 9 | | | 10 | 9 | | | | | | | 0 | 19 | 45 | 0.64 |
| | 06:00 - 06:15 | 1 | | | 1 | | | | | | | | 0 | 2 | 43 | 0.62 |
| | 06:15 - 06:30 | 2 | | | 9 | 2 | | | | | | | 0 | 11 | 46 | 0.66 |
| | 06:30 - 06:45 | 8 | | | 14 | | | 1 | | | | | 1 | 23 | 55 | 0.79 |
| | 06:45 - 07:00 | 9 | | | 20 | 1 | | | 2 | | | | 2 | 31 | 67 | 0.96 |
| | 07:00 - 07:15 | 15 | | | 30 | 3 | 1 | | | | | | 1 | 46 | 111 | 1.59 |
| | 07:15 - 07:30 | 22 | | 1 | 22 | 6 | | 1 | | | | | 1 | 46 | 146 | 2.09 |
| | 07:30 - 07:45 | 13 | 1 | | 30 | 7 | | | | | | | 0 | 44 | 167 | 2.39 |
| | 07:45 - 08:00 | 17 | | | 27 | 6 | | | | | | | 0 | 44 | 180 | 2.58 |
| | 08:00 - 08:15 | 26 | | | 46 | 20 | 1 | | 3 | | | | 4 | 78 | 212 | 3.04 |
| | 08:15 - 08:30 | 43 | 1 | | 38 | 17 | | | | | | | 0 | 82 | 248 | 3.55 |
| | 08:30 - 08:45 | 39 | | | 36 | 8 | 1 | 1 | | | | | 2 | 77 | 281 | 4.02 |
| | 08:45 - 09:00 | 29 | 2 | 2 | 38 | 18 | | 2 | 1 | | | | 3 | 74 | 311 | 4.45 |
| | 09:00 - 09:15 | 37 | | 1 | 41 | 23 | 2 | | 1 | | | | 3 | 82 | 315 | 4.51 |
| | 09:15 - 09:30 | 34 | | | 34 | 16 | 1 | | | | | | 1 | 69 | 302 | 4.32 |
| | 09:30 - 09:45 | 47 | 1 | | 37 | 5 | | 1 | 1 | | | | 2 | 87 | 312 | 4.47 |
| | 09:45 - 10:00 | 34 | | 2 | 53 | 11 | 1 | 2 | 1 | | | | 4 | 93 | 331 | 4.74 |
| | 10:00 - 10:15 | 40 | 2 | 1 | 37 | 13 | 1 | 2 | | | | | 3 | 83 | 332 | 4.75 |
| | 10:15 - 10:30 | 34 | | | 37 | 16 | | 2 | | | | | 2 | 73 | 336 | 4.81 |
| | 10:30 - 10:45 | 60 | 2 | | 30 | 6 | 2 | 2 | 1 | | | | 5 | 97 | 346 | 4.95 |
| | 10:45 - 11:00 | 42 | | 2 | 42 | 3 | 1 | 1 | 1 | | | | 3 | 89 | 342 | 4.90 |
| | 11:00 - 11:15 | 55 | | | 70 | 7 | | | | | | | 0 | 125 | 384 | 5.50 |
| | 11:15 - 11:30 | 68 | | 1 | 40 | 4 | 1 | 2 | | | | | 3 | 112 | 423 | 6.06 |
| | 11:30 - 11:45 | 70 | | | 43 | 1 | | 2 | | | | | 2 | 115 | 441 | 6.31 |
| | 11:45 - 12:00 | 60 | | 1 | 38 | 9 | 2 | 2 | | | | | 4 | 103 | 455 | 6.51 |
| | 12:00 - 12:15 | 58 | | | 29 | 2 | 1 | | | | | | 1 | 88 | 418 | 5.98 |
| | 12:15 - 12:30 | 62 | 1 | | 33 | 2 | | | 1 | | | | 1 | 97 | 403 | 5.77 |
| | 12:30 - 12:45 | 59 | | | 58 | 3 | 3 | 1 | | | | | 4 | 121 | 409 | 5.86 |
| | 12:45 - 13:00 | 115 | 1 | 1 | 56 | 2 | | 1 | 1 | | | | 2 | 175 | 481 | 6.89 |
| | 13:00 - 13:15 | 180 | | | 74 | 2 | 2 | 1 | 1 | | | | 4 | 258 | 651 | 9.32 |
| | 13:15 - 13:30 | 100 | | | 52 | 3 | 4 | 1 | 2 | 1 | | | 8 | 160 | 714 | 10.22 |
| | 13:30 - 13:45 | 99 | | | 59 | 5 | 1 | 1 | | | | | 2 | 164 | 744 | 10.65 |
| | 13:45 - 14:00 | 65 | | 3 | 34 | 2 | 3 | 2 | | | | | 5 | 97 | 696 | 9.53 |
| | 14:00 - 14:15 | 67 | | | 26 | 3 | 2 | | | | | | 2 | 97 | 525 | 7.23 |
| | 14:15 - 14:30 | 62 | | | 35 | 1 | 1 | 1 | | | | | 2 | 99 | 484 | 6.36 |
| | 14:30 - 14:45 | 77 | 1 | | 44 | 1 | | | 1 | | | | 1 | 123 | 416 | 5.96 |
| | 14:45 - 15:00 | 61 | | 2 | 25 | | 1 | | 2 | | | | 3 | 91 | 410 | 5.87 |
| | 15:00 - 15:15 | 80 | | | 39 | 1 | | | | | | | 0 | 119 | 432 | 6.18 |
| | 15:15 - 15:30 | 74 | | | 28 | | | 1 | | | | | 1 | 103 | 436 | 6.24 |
| | 15:30 - 15:45 | 94 | | | 37 | 1 | 2 | | | | | | 2 | 133 | 446 | 6.39 |
| | 15:45 - 16:00 | 88 | | 1 | 41 | | | | | | | | 0 | 129 | 483 | 6.91 |
| | 16:00 - 16:15 | 70 | | 1 | 36 | 2 | 2 | 1 | 1 | | | | 4 | 113 | 477 | 6.83 |
| | 16:15 - 16:30 | 112 | | | 46 | 1 | | | | | | | 0 | 157 | 531 | 7.60 |
| | 16:30 - 16:45 | 110 | | | 49 | 3 | | 1 | | | | | 1 | 160 | 558 | 7.99 |
| | 16:45 - 17:00 | 99 | | 1 | 54 | 5 | 1 | 1 | | | | | 2 | 156 | 586 | 8.39 |
| | 17:00 - 17:15 | 100 | | 3 | 78 | 4 | 2 | | | | | | 2 | 183 | 656 | 9.39 |
| | 17:15 - 17:30 | 140 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 214 | 713 | 10.21 |
| | 17:30 - 17:45 | 131 | | | 104 | 6 | 1 | 2 | 1 | | | | 4 | 239 | 792 | 11.34 |
| | 17:45 - 18:00 | 117 | | | 86 | 3 | | 1 | | | | | 1 | 203 | 839 | 12.01 |
| | 18:00 - 18:15 | 72 | | | 57 | | 1 | | | | | | 1 | 130 | 786 | 11.25 |
| | 18:15 - 18:30 | 66 | | | 55 | 1 | 1 | 1 | | | | | 2 | 123 | 695 | 9.95 |
| | 18:30 - 18:45 | 69 | 1 | | 52 | 1 | | | | | | | 0 | 122 | 578 | 8.27 |
| | 18:45 - 19:00 | 77 | | 2 | 25 | | 1 | | | | | | 1 | 105 | 490 | 6.97 |
| | 19:00 - 19:15 | 54 | 1 | | 49 | 1 | | | | | | | 0 | 114 | 464 | 6.64 |
| | 19:15 - 19:30 | 58 | | | 48 | 1 | 1 | 1 | | | | | 2 | 109 | 450 | 6.44 |
| | 19:30 - 19:45 | 46 | | | 46 | | 1 | | | | | | 1 | 95 | 429 | 6.06 |
| | 19:45 - 20:00 | 45 | 1 | | 40 | | | | | | | | 0 | 86 | 404 | 5.78 |
| | 20:00 - 20:15 | 65 | 1 | | 42 | 3 | | | | | | | 0 | 109 | 389 | 5.71 |
| | 20:15 - 20:30 | 49 | | | 29 | 1 | 1 | 1 | | | | | 2 | 80 | 370 | 5.30 |
| | 20:30 - 20:45 | 59 | | | 20 | | | | | | | | 0 | 79 | 364 | 5.07 |
| | 20:45 - 21:00 | 40 | 1 | | 10 | | | | | | | | 0 | 51 | 319 | 4.57 |
| | 21:00 - 21:15 | 30 | 2 | | 24 | | 1 | | | | | | 1 | 57 | 267 | 3.82 |
| | 21:15 - 21:30 | 38 | | | 11 | | 2 | 1 | | | | | 3 | 52 | 239 | 3.42 |
| | 21:30 - 21:45 | 22 | | | 12 | | | | | | | | 0 | 34 | 194 | 2.78 |
| | 21:45 - 22:00 | 26 | 1 | | 17 | 1 | | | 1 | | | | 1 | 45 | 188 | 2.69 |
| | 22:00 - 22:15 | 18 | 3 | | 11 | | 1 | 1 | | | | | 2 | 34 | 165 | 2.36 |
| | 22:15 - 22:30 | 14 | | | 13 | | | | | | | | 0 | 27 | 140 | 2.00 |
| | 22:30 - 22:45 | 6 | | | 6 | | | | | | | | 0 | 12 | 118 | 1.69 |
| | 22:45 - 23:00 | 9 | | 1 | 11 | | 1 | | | | | | 1 | 22 | 95 | 1.36 |
| | 23:00 - 23:15 | 4 | | | 5 | | | | | | | | 0 | 9 | 70 | 1.00 |
| | 23:15 - 23:30 | 8 | | | 4 | | | | | | | | 0 | 12 | 55 | 0.79 |
| | 23:30 - 23:45 | 7 | | | 10 | | | | | | | | 0 | 17 | 60 | 0.86 |
| | 23:45 - 00:00 | 9 | 1 | | 1 | | | | | | | | 0 | 11 | 49 | 0.70 |
| TOTAL 24 HORAS | | 4096 | 27 | 33 | 2686 | 294 | 60 | 44 | 38 | 1 | 0 | 0 | 143 | 6989 | | |

| | | |
|---|---|---|
| INGESUELOS de Colombia ltda CONSULTORIA | ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR | GOBERNACIÓN DEL CESAR |

## LOCALIZACION DEL SITIO DE CONTEO



INGESUELOS

ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 01-sep-24 | Sitio de conteo: Entrada Hurtado via oa Guajira | Movimiento aforado: 2

Sentido del tránsito: S - N | Aforador: Juan Felipe Maya | Supervisor: Ing. Ruben Torres

Factores de expansión

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min | TOTAL | VARIACION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | A,B,C,M | Hora | Horaria % |
| domingo | 00:00 - 00:15 | 5 | | | 2 | | | | 1 | | | | 1 | 8 | 8 | 0.12 |
| | 00:15 - 00:30 | 17 | | | 6 | | | 2 | 4 | | | | 6 | 29 | 29 | 0.42 |
| | 00:30 - 00:45 | 19 | | | 2 | | | | | | | | 0 | 21 | 21 | 0.31 |
| | 00:45 - 01:00 | 6 | | 3 | 1 | | | | | | | | 0 | 11 | 69 | 1.01 |
| | 01:00 - 01:15 | 3 | | 1 | 2 | | 1 | | 4 | | | | 5 | 11 | 72 | 1.05 |
| | 01:15 - 01:30 | 11 | | | 2 | | 1 | | 2 | | | | 3 | 16 | 59 | 0.86 |
| | 01:30 - 01:45 | 7 | 1 | | 1 | | | | | | | | 0 | 9 | 47 | 0.69 |
| | 01:45 - 02:00 | 4 | | | 1 | | | | | | | | 0 | 5 | 41 | 0.60 |
| | 02:00 - 02:15 | 11 | | | 1 | | 1 | | 1 | | | | 2 | 14 | 44 | 0.64 |
| | 02:15 - 02:30 | 13 | | 1 | | | | | 2 | | | | 2 | 16 | 44 | 0.64 |
| | 02:30 - 02:45 | 8 | | | 4 | | | | | | | | 0 | 12 | 47 | 0.69 |
| | 02:45 - 03:00 | 18 | | | | | 1 | | 1 | | | | 2 | 20 | 62 | 0.90 |
| | 03:00 - 03:15 | 4 | | | 5 | | 1 | | | | | | 1 | 10 | 58 | 0.85 |
| | 03:15 - 03:30 | 6 | | | 1 | | | | 1 | | | | 1 | 8 | 50 | 0.73 |
| | 03:30 - 03:45 | 9 | | | | | | | | | | | 0 | 9 | 47 | 0.69 |
| | 03:45 - 04:00 | 7 | | | | | | | | | | | 0 | 7 | 34 | 0.50 |
| | 04:00 - 04:15 | 2 | | | 4 | | | | | | | | 0 | 6 | 30 | 0.44 |
| | 04:15 - 04:30 | 2 | | | 2 | | | | | | | | 0 | 4 | 26 | 0.38 |
| | 04:30 - 04:45 | 3 | | | 3 | | | | | | | | 0 | 6 | 23 | 0.34 |
| | 04:45 - 05:00 | 1 | | | 2 | | 1 | | | | | | 1 | 4 | 20 | 0.29 |
| | 05:00 - 05:15 | 3 | | | 4 | | | | | | | | 0 | 7 | 21 | 0.31 |
| | 05:15 - 05:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 20 | 0.29 |
| | 05:30 - 05:45 | 6 | | | 7 | | | | | | | | 0 | 13 | 27 | 0.39 |
| | 05:45 - 06:00 | 9 | | | 10 | | | | | | | | 0 | 19 | 42 | 0.61 |
| | 06:00 - 06:15 | 2 | | | 1 | | | | | | | | 0 | 3 | 38 | 0.55 |
| | 06:15 - 06:30 | 2 | | | 9 | 2 | | | | | | | 0 | 11 | 46 | 0.67 |
| | 06:30 - 06:45 | 7 | | | 14 | | | 1 | | | | | 1 | 22 | 55 | 0.80 |
| | 06:45 - 07:00 | 9 | | | 20 | 1 | | 1 | | | | | 1 | 30 | 66 | 0.96 |
| | 07:00 - 07:15 | 12 | | | 26 | 3 | | | | | | | 0 | 38 | 101 | 1.47 |
| | 07:15 - 07:30 | 23 | | 1 | 22 | 6 | | 1 | | | | | 1 | 47 | 137 | 2.00 |
| | 07:30 - 07:45 | 12 | | | 30 | 7 | | | | | | | 0 | 42 | 157 | 2.29 |
| | 07:45 - 08:00 | 18 | | | 27 | 6 | | | | | | | 0 | 43 | 170 | 2.48 |
| | 08:00 - 08:15 | 23 | | | 45 | 13 | 1 | | | | | | 1 | 69 | 201 | 2.93 |
| | 08:15 - 08:30 | 41 | 1 | | 38 | 17 | | | | | | | 0 | 80 | 234 | 3.42 |
| | 08:30 - 08:45 | 38 | | | 36 | 8 | 2 | 1 | | | | | 3 | 77 | 269 | 3.93 |
| | 08:45 - 09:00 | 26 | 2 | 2 | 38 | 16 | 2 | 2 | 1 | | | | 5 | 73 | 299 | 4.36 |
| | 09:00 - 09:15 | 31 | | 1 | 41 | 23 | 2 | | 1 | | | | 3 | 76 | 306 | 4.47 |
| | 09:15 - 09:30 | 35 | | | 34 | 16 | 1 | | | | | | 1 | 70 | 296 | 4.32 |
| | 09:30 - 09:45 | 49 | 1 | | 37 | 5 | | | 1 | | | | 1 | 88 | 307 | 4.48 |
| | 09:45 - 10:00 | 34 | | 2 | 53 | 11 | 1 | | 1 | | | | 2 | 91 | 325 | 4.74 |
| | 10:00 - 10:15 | 40 | 2 | 1 | 37 | 13 | 1 | 2 | | | | | 3 | 83 | 332 | 4.85 |
| | 10:15 - 10:30 | 36 | | | 37 | 16 | | 2 | | | | | 2 | 75 | 337 | 4.92 |
| | 10:30 - 10:45 | 62 | 2 | | 30 | 8 | 3 | 2 | | | | | 5 | 99 | 346 | 5.05 |
| | 10:45 - 11:00 | 39 | | 2 | 42 | 3 | 1 | 1 | 1 | | | | 3 | 86 | 343 | 5.01 |
| | 11:00 - 11:15 | 49 | | | 68 | 7 | 2 | | | | | | 2 | 119 | 379 | 5.53 |
| | 11:15 - 11:30 | 70 | | 1 | 40 | 4 | 1 | 2 | | | | | 3 | 114 | 418 | 6.10 |
| | 11:30 - 11:45 | 65 | | | 43 | 1 | | 2 | | | | | 2 | 110 | 429 | 6.26 |
| | 11:45 - 12:00 | 82 | | 1 | 38 | 9 | 5 | | | | | | 5 | 106 | 449 | 6.55 |
| | 12:00 - 12:15 | 67 | | | 26 | 2 | 1 | | | | | | 1 | 84 | 414 | 6.04 |
| | 12:15 - 12:30 | 80 | 1 | | 36 | 2 | | | 1 | | | | 1 | 97 | 397 | 5.79 |
| | 12:30 - 12:45 | 61 | | | 52 | 3 | 2 | 3 | | | | | 5 | 118 | 405 | 5.91 |
| | 12:45 - 13:00 | 107 | 1 | 1 | 55 | 2 | | 1 | 1 | | | | 2 | 168 | 465 | 6.79 |
| | 13:00 - 13:15 | 164 | | | 75 | 2 | 2 | 1 | 1 | | | | 4 | 243 | 624 | 9.11 |
| | 13:15 - 13:30 | 110 | | | 63 | 3 | | 1 | 2 | 1 | | | 4 | 157 | 694 | 10.13 |
| | 13:30 - 13:45 | 78 | | | 55 | 5 | 1 | 1 | | | | | 2 | 135 | 711 | 10.38 |
| | 13:45 - 14:00 | 75 | | 3 | 38 | 2 | 4 | 2 | | | | | 6 | 122 | 667 | 9.73 |
| | 14:00 - 14:15 | 89 | | | 24 | 3 | 1 | 3 | | | | | 4 | 97 | 521 | 7.60 |
| | 14:15 - 14:30 | 62 | | | 35 | 1 | 1 | 1 | | | | | 2 | 99 | 453 | 6.61 |
| | 14:30 - 14:45 | 69 | 1 | | 46 | 1 | | | 1 | | | | 1 | 117 | 435 | 6.35 |
| | 14:45 - 15:00 | 67 | | 2 | 25 | | 1 | | 1 | | | | 2 | 96 | 409 | 5.97 |
| | 15:00 - 15:15 | 79 | | | 35 | 1 | | 1 | | | | | 1 | 115 | 427 | 6.23 |
| | 15:15 - 15:30 | 75 | | | 28 | | | 1 | | | | | 1 | 104 | 432 | 6.30 |
| | 15:30 - 15:45 | 94 | | | 35 | 1 | 1 | | | | | | 1 | 130 | 445 | 6.49 |
| | 15:45 - 16:00 | 87 | | 1 | 41 | | 1 | | | | | | 1 | 130 | 479 | 6.99 |
| | 16:00 - 16:15 | 70 | | 1 | 38 | 2 | 1 | | | | | | 1 | 110 | 474 | 6.92 |
| | 16:15 - 16:30 | 113 | | | 45 | 1 | | | | | | | 0 | 158 | 528 | 7.71 |
| | 16:30 - 16:45 | 103 | | | 46 | 3 | | 1 | | | | | 1 | 150 | 548 | 8.00 |
| | 16:45 - 17:00 | 97 | | 1 | 54 | 5 | 1 | 1 | | | | | 2 | 154 | 572 | 8.35 |
| | 17:00 - 17:15 | 100 | | 3 | 78 | 4 | 2 | | | | | | 2 | 183 | 645 | 9.41 |
| | 17:15 - 17:30 | 138 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 212 | 699 | 10.20 |
| | 17:30 - 17:45 | 132 | | | 104 | 6 | 1 | 2 | | | | | 3 | 236 | 788 | 11.50 |
| | 17:45 - 18:00 | 115 | | | 85 | 3 | | 1 | | | | | 1 | 201 | 835 | 12.19 |
| | 18:00 - 18:15 | 69 | | | 57 | | 1 | | | | | | 1 | 127 | 779 | 11.37 |
| | 18:15 - 18:30 | 62 | | | 55 | 1 | 1 | 1 | | | | | 2 | 119 | 686 | 10.01 |
| | 18:30 - 18:45 | 69 | 1 | | 52 | 1 | | | | | | | 0 | 122 | 569 | 8.30 |
| | 18:45 - 19:00 | 67 | | 2 | 25 | | 1 | | | | | | 1 | 95 | 463 | 6.76 |
| | 19:00 - 19:15 | 67 | 1 | | 49 | 1 | | | | | | | 0 | 117 | 453 | 6.61 |
| | 19:15 - 19:30 | 55 | | | 48 | 1 | | 1 | | | | | 1 | 104 | 438 | 6.39 |
| | 19:30 - 19:45 | 50 | | | 46 | | | 1 | | | | | 1 | 97 | 413 | 6.03 |
| | 19:45 - 20:00 | 45 | 1 | | 40 | | | | | | | | 0 | 86 | 404 | 5.90 |
| | 20:00 - 20:15 | 66 | 1 | | 42 | 3 | | | | | | | 0 | 109 | 396 | 5.78 |
| | 20:15 - 20:30 | 49 | | | 29 | 1 | | 1 | | | | | 1 | 79 | 371 | 5.41 |
| | 20:30 - 20:45 | 57 | | | 20 | | | 1 | | | | | 1 | 78 | 352 | 5.14 |
| | 20:45 - 21:00 | 35 | 1 | | 10 | | | | | | | | 0 | 46 | 312 | 4.55 |
| | 21:00 - 21:15 | 29 | 2 | | 24 | | 1 | | | | | | 1 | 56 | 259 | 3.78 |
| | 21:15 - 21:30 | 39 | | | 11 | | 2 | 1 | | | | | 3 | 53 | 233 | 3.40 |
| | 21:30 - 21:45 | 24 | | | 12 | | | | | | | | 0 | 36 | 191 | 2.79 |
| | 21:45 - 22:00 | 23 | 1 | | 17 | 1 | | | 1 | | | | 1 | 42 | 187 | 2.73 |
| | 22:00 - 22:15 | 16 | 3 | | 11 | | | 2 | 2 | | | | 4 | 34 | 165 | 2.41 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 137 | 2.00 |
| | 22:30 - 22:45 | 7 | | | 6 | | | | | | | | 0 | 13 | 114 | 1.66 |
| | 22:45 - 23:00 | 6 | | 1 | 11 | | 1 | | | | | | 1 | 19 | 91 | 1.33 |
| | 23:00 - 23:15 | 5 | | | 5 | | | | | | | | 0 | 10 | 67 | 0.98 |
| | 23:15 - 23:30 | 7 | | | 4 | | | | | | | | 0 | 11 | 53 | 0.77 |
| | 23:30 - 23:45 | 6 | | | 10 | | | | | | | | 0 | 16 | 56 | 0.82 |
| | 23:45 - 00:00 | 9 | 1 | | 1 | | | | | | | | 0 | 11 | 48 | 0.70 |
| TOTAL 24 HORAS | | 4017 | 24 | 31 | 2544 | 259 | 56 | 48 | 31 | 1 | 0 | 0 | 136 | 6852 | | |

INGESUVELOS

ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 02-sep-24 | Sitio de conteo: | Movimiento aforado: 2

Sentido del tránsito: S - N | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión:

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| lunes | 00:00 - 00:15 | 6 | | | 4 | | | | 2 | | | | 2 | 12 | 12 | 0.17 |
| | 00:15 - 00:30 | 14 | | | 8 | | | 1 | 4 | | | | 5 | 27 | 27 | 0.39 |
| | 00:30 - 00:45 | 22 | | | 2 | | | | | | | | 0 | 24 | 24 | 0.35 |
| | 00:45 - 01:00 | 8 | | 1 | 4 | | | | | | | | 0 | 13 | 76 | 1.11 |
| | 01:00 - 01:15 | 4 | 1 | 1 | 1 | | 1 | | 3 | | | | 4 | 11 | 75 | 1.09 |
| | 01:15 - 01:30 | 10 | | | 1 | | 1 | | 2 | | | | 3 | 14 | 62 | 0.90 |
| | 01:30 - 01:45 | 8 | 1 | | 1 | | | | | | | | 0 | 10 | 48 | 0.70 |
| | 01:45 - 02:00 | 6 | | | 1 | | | | | | | | 0 | 7 | 42 | 0.61 |
| | 02:00 - 02:15 | 9 | | | 1 | | 1 | 1 | 1 | | | | 3 | 13 | 44 | 0.64 |
| | 02:15 - 02:30 | 11 | 1 | | | | | | 2 | | | | 2 | 14 | 44 | 0.64 |
| | 02:30 - 02:45 | 6 | | | 6 | | | | | | | | 0 | 12 | 46 | 0.67 |
| | 02:45 - 03:00 | 22 | | | 1 | | 1 | | 2 | | | | 3 | 26 | 65 | 0.95 |
| | 03:00 - 03:15 | 6 | | | 4 | | 1 | | | | | | 1 | 11 | 63 | 0.92 |
| | 03:15 - 03:30 | 4 | | | 2 | | | | 2 | | | | 2 | 8 | 57 | 0.83 |
| | 03:30 - 03:45 | 7 | | | | | | | | | | | 0 | 7 | 52 | 0.76 |
| | 03:45 - 04:00 | 6 | | | 1 | | | | | | | | 0 | 7 | 33 | 0.48 |
| | 04:00 - 04:15 | 4 | | | 5 | | | | | | | | 0 | 9 | 31 | 0.45 |
| | 04:15 - 04:30 | 2 | | | 3 | | | | | | | | 0 | 5 | 28 | 0.41 |
| | 04:30 - 04:45 | 3 | | | 2 | | | | | | | | 0 | 5 | 26 | 0.38 |
| | 04:45 - 05:00 | 5 | | | 2 | | 1 | | | | | | 1 | 8 | 27 | 0.39 |
| | 05:00 - 05:15 | 1 | | | 5 | | | | | | | | 0 | 6 | 24 | 0.35 |
| | 05:15 - 05:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 22 | 0.32 |
| | 05:30 - 05:45 | 7 | | | 8 | | | | | | | | 0 | 15 | 32 | 0.47 |
| | 05:45 - 06:00 | 12 | | | 9 | | | | | | | | 0 | 21 | 45 | 0.66 |
| | 06:00 - 06:15 | 1 | | | 1 | | | | | | | | 0 | 2 | 41 | 0.60 |
| | 06:15 - 06:30 | 2 | | | 10 | 2 | | 1 | | | | | 1 | 13 | 51 | 0.74 |
| | 06:30 - 06:45 | 5 | | | 12 | | | | | | | | 0 | 17 | 53 | 0.77 |
| | 06:45 - 07:00 | 10 | | | 22 | 1 | | 1 | | | | | 1 | 33 | 65 | 0.95 |
| | 07:00 - 07:15 | 11 | | | 24 | 3 | | | | | | | 0 | 35 | 98 | 1.43 |
| | 07:15 - 07:30 | 22 | | 1 | 20 | 6 | | 1 | | | | | 1 | 44 | 129 | 1.88 |
| | 07:30 - 07:45 | 11 | | | 31 | 7 | | | | | | | 0 | 42 | 154 | 2.24 |
| | 07:45 - 08:00 | 14 | | | 29 | 8 | | | | | | | 0 | 43 | 164 | 2.39 |
| | 08:00 - 08:15 | 24 | | | 47 | 13 | 1 | | 1 | | | | 2 | 73 | 202 | 2.94 |
| | 08:15 - 08:30 | 46 | 2 | | 40 | 17 | | | | | | | 0 | 88 | 246 | 3.58 |
| | 08:30 - 08:45 | 37 | | | 40 | 8 | 2 | 1 | | | | | 3 | 80 | 284 | 4.13 |
| | 08:45 - 09:00 | 24 | 1 | 2 | 42 | 16 | 2 | 2 | | | | | 4 | 73 | 314 | 4.57 |
| | 09:00 - 09:15 | 30 | | 1 | 39 | 23 | 2 | | 1 | | | | 3 | 73 | 314 | 4.57 |
| | 09:15 - 09:30 | 37 | | | 36 | 16 | 1 | | | | | | 1 | 74 | 300 | 4.37 |
| | 09:30 - 09:45 | 52 | 1 | | 34 | 5 | | | 1 | | | | 1 | 86 | 308 | 4.48 |
| | 09:45 - 10:00 | 32 | | 2 | 50 | 11 | 1 | 1 | | | | | 2 | 85 | 321 | 4.67 |
| | 10:00 - 10:15 | 42 | 1 | 1 | 40 | 13 | 1 | 2 | | | | | 3 | 87 | 335 | 4.88 |
| | 10:15 - 10:30 | 34 | | | 39 | 16 | | 2 | | | | | 2 | 75 | 335 | 4.89 |
| | 10:30 - 10:45 | 60 | 1 | | 30 | 6 | 3 | 2 | | | | | 5 | 96 | 344 | 5.01 |
| | 10:45 - 11:00 | 37 | | 2 | 40 | 3 | 1 | 1 | 1 | | | | 3 | 82 | 349 | 4.96 |
| | 11:00 - 11:15 | 47 | | | 69 | 7 | 3 | | | | | | 3 | 119 | 372 | 5.42 |
| | 11:15 - 11:30 | 66 | | 2 | 39 | 4 | 2 | 2 | | | | | 4 | 113 | 410 | 5.97 |
| | 11:30 - 11:45 | 68 | | | 40 | 1 | | 1 | | | | | 1 | 107 | 421 | 6.13 |
| | 11:45 - 12:00 | 64 | | 1 | 38 | 9 | 5 | 1 | | | | | 6 | 109 | 446 | 6.52 |
| | 12:00 - 12:15 | 59 | | | 26 | 2 | 1 | | | | | | 1 | 86 | 416 | 6.04 |
| | 12:15 - 12:30 | 62 | 1 | | 36 | 2 | | | 1 | | | | 1 | 99 | 401 | 5.84 |
| | 12:30 - 12:45 | 60 | | | 54 | 3 | 1 | 3 | | | | | 4 | 118 | 412 | 6.00 |
| | 12:45 - 13:00 | 110 | 1 | 1 | 66 | 2 | | 4 | 1 | | | | 5 | 172 | 475 | 6.92 |
| | 13:00 - 13:15 | 102 | | | 74 | 2 | 2 | 1 | | | | | 3 | 239 | 628 | 9.14 |
| | 13:15 - 13:30 | 109 | | | 50 | 3 | | 1 | 2 | | | | 3 | 162 | 691 | 10.06 |
| | 13:30 - 13:45 | 75 | | | 55 | 5 | 1 | 1 | | | | | 2 | 132 | 705 | 10.26 |
| | 13:45 - 14:00 | 70 | | 3 | 38 | 2 | 4 | 1 | | | | | 5 | 116 | 649 | 9.45 |
| | 14:00 - 14:15 | 68 | | | 24 | 3 | 2 | 2 | | | | | 4 | 96 | 506 | 7.37 |
| | 14:15 - 14:30 | 64 | | | 36 | 1 | 1 | 1 | | | | | 2 | 102 | 446 | 6.49 |
| | 14:30 - 14:45 | 69 | 1 | | 46 | 1 | | 1 | | | | | 1 | 111 | 425 | 6.19 |
| | 14:45 - 15:00 | 66 | | 2 | 25 | | 1 | | 1 | | | | 2 | 95 | 404 | 5.88 |
| | 15:00 - 15:15 | 77 | | | 35 | 1 | | 1 | | | | | 1 | 113 | 421 | 6.13 |
| | 15:15 - 15:30 | 75 | | | 25 | | | | | | | | 0 | 100 | 419 | 6.10 |
| | 15:30 - 15:45 | 95 | | | 35 | 1 | 1 | 1 | | | | | 2 | 132 | 440 | 6.41 |
| | 15:45 - 16:00 | 90 | | 1 | 41 | | 1 | | | | | | 1 | 133 | 478 | 6.96 |
| | 16:00 - 16:15 | 72 | 1 | 1 | 38 | 2 | 1 | 1 | | | | | 2 | 114 | 479 | 6.97 |
| | 16:15 - 16:30 | 115 | | | 45 | 1 | | | | | | | 0 | 160 | 539 | 7.85 |
| | 16:30 - 16:45 | 102 | | | 46 | 3 | 1 | 1 | | | | | 2 | 150 | 557 | 8.11 |
| | 16:45 - 17:00 | 97 | | 1 | 54 | 5 | | 2 | | | | | 2 | 154 | 578 | 8.41 |
| | 17:00 - 17:15 | 101 | 2 | 1 | 78 | 4 | 2 | | | | | | 2 | 184 | 648 | 9.43 |
| | 17:15 - 17:30 | 142 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 216 | 704 | 10.25 |
| | 17:30 - 17:45 | 129 | | | 110 | 6 | 1 | 2 | | | | | 3 | 242 | 796 | 11.59 |
| | 17:45 - 18:00 | 112 | | | 87 | 3 | | 1 | | | | | 1 | 269 | 842 | 12.26 |
| | 18:00 - 18:15 | 67 | | | 60 | | 1 | | | | | | 1 | 128 | 786 | 11.44 |
| | 18:15 - 18:30 | 66 | | | 50 | 1 | 1 | | | | | | 1 | 117 | 687 | 10.00 |
| | 18:30 - 18:45 | 69 | 1 | | 54 | 1 | | 1 | | | | | 1 | 125 | 570 | 8.30 |
| | 18:45 - 19:00 | 65 | 1 | 1 | 28 | | 2 | | | | | | 2 | 97 | 467 | 6.80 |
| | 19:00 - 19:15 | 67 | 1 | | 46 | 1 | | | | | | | 0 | 114 | 453 | 6.59 |
| | 19:15 - 19:30 | 54 | | | 48 | 1 | | 1 | | | | | 1 | 103 | 439 | 6.39 |
| | 19:30 - 19:45 | 48 | | | 50 | | | | | | | | 0 | 98 | 412 | 6.00 |
| | 19:45 - 20:00 | 44 | 1 | | 40 | | | | | | | | 0 | 85 | 400 | 5.82 |
| | 20:00 - 20:15 | 66 | 1 | | 42 | 3 | | 1 | | | | | 1 | 112 | 398 | 5.79 |
| | 20:15 - 20:30 | 50 | | | 29 | 1 | | 1 | | | | | 1 | 80 | 376 | 5.46 |
| | 20:30 - 20:45 | 56 | | | 28 | | | 2 | | | | | 2 | 86 | 355 | 5.17 |
| | 20:45 - 21:00 | 36 | 2 | | 10 | | | | | | | | 0 | 48 | 318 | 4.63 |
| | 21:00 - 21:15 | 30 | 1 | | 28 | | 1 | | | | | | 1 | 60 | 266 | 3.87 |
| | 21:15 - 21:30 | 38 | | | 11 | | 2 | 1 | | | | | 3 | 52 | 238 | 3.46 |
| | 21:30 - 21:45 | 24 | | | 10 | | | | | | | | 0 | 34 | 194 | 2.82 |
| | 21:45 - 22:00 | 12 | 1 | | 15 | 1 | | 1 | | | | | 1 | 29 | 175 | 2.55 |
| | 22:00 - 22:15 | 15 | 2 | 1 | 15 | | 1 | 2 | 1 | | | | 4 | 37 | 152 | 2.21 |
| | 22:15 - 22:30 | 14 | | | 13 | | | | | | | | 0 | 27 | 127 | 1.85 |
| | 22:30 - 22:45 | 8 | | | 6 | | | | | | | | 0 | 14 | 107 | 1.56 |
| | 22:45 - 23:00 | 6 | 1 | 0 | 12 | | 1 | | | | | | 1 | 20 | 98 | 1.43 |
| | 23:00 - 23:15 | 5 | | | 5 | | | 1 | | | | | 1 | 11 | 72 | 1.05 |
| | 23:15 - 23:30 | 4 | | | 4 | | | | | | | | 0 | 8 | 53 | 0.77 |
| | 23:30 - 23:45 | 7 | | | 9 | | | | | | | | 0 | 16 | 55 | 0.80 |
| | 23:45 - 00:00 | 8 | | 1 | 1 | | | | | | | | 0 | 10 | 45 | 0.65 |
| TOTAL HORAS | | 3997 | 27 | 28 | 2673 | 259 | 80 | 56 | 28 | 0 | 0 | 0 | 144 | 6869 | | |

INGESUELOS de Colombia Ltda

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 03-sep-24 | Sitio de conteo: | Movimiento aforado: 2

Sentido del tránsito: S - N | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansion

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| martes | 00:00 - 00:15 | 6 | | | 1 | | | | 1 | | | | 1 | 8 | 8 | 0.11 |
| | 00:15 - 00:30 | 20 | | | 7 | | | 2 | 4 | | | | 6 | 33 | 33 | 0.47 |
| | 00:30 - 00:45 | 18 | | | 1 | | | | | | | | 0 | 19 | 19 | 0.27 |
| | 00:45 - 01:00 | 6 | | 2 | 5 | | | | | | | | 0 | 13 | 75 | 1.02 |
| | 01:00 - 01:15 | 4 | | 1 | 2 | 2 | 1 | | 4 | | | | 5 | 12 | 79 | 1.13 |
| | 01:15 - 01:30 | 12 | | | 6 | | 1 | | 2 | | | | 3 | 21 | 67 | 0.96 |
| | 01:30 - 01:45 | 6 | 1 | 1 | 1 | | | | | | | | 0 | 9 | 67 | 0.82 |
| | 01:45 - 02:00 | 4 | | | 1 | | | | | | | | 0 | 5 | 47 | 0.67 |
| | 02:00 - 02:15 | 12 | | | | 4 | 1 | | 1 | | | | 2 | 14 | 49 | 0.70 |
| | 02:15 - 02:30 | 16 | | 1 | 1 | | | | 2 | | | | 2 | 19 | 47 | 0.67 |
| | 02:30 - 02:45 | 9 | | | 4 | | 1 | | | | | | 1 | 14 | 52 | 0.74 |
| | 02:45 - 03:00 | 20 | | | | | 1 | | 1 | | | | 2 | 22 | 69 | 0.99 |
| | 03:00 - 03:15 | 5 | | | 6 | 6 | | | | | | | 0 | 11 | 66 | 0.94 |
| | 03:15 - 03:30 | 2 | | | | | | | 1 | | | | 1 | 3 | 50 | 0.72 |
| | 03:30 - 03:45 | 10 | | | 6 | | 1 | | | | | | 1 | 17 | 53 | 0.76 |
| | 03:45 - 04:00 | 8 | | 1 | | 2 | | | | | | | 0 | 9 | 40 | 0.57 |
| | 04:00 - 04:15 | 1 | | | 3 | | | | | | | | 0 | 4 | 33 | 0.47 |
| | 04:15 - 04:30 | 2 | 1 | | 2 | 1 | 1 | | | | | | 1 | 6 | 36 | 0.52 |
| | 04:30 - 04:45 | 4 | | | 5 | | | | | | | | 0 | 9 | 28 | 0.40 |
| | 04:45 - 05:00 | 1 | | | 2 | | 1 | | | | | | 1 | 4 | 23 | 0.33 |
| | 05:00 - 05:15 | 2 | | | 2 | 4 | | | | | | | 0 | 4 | 23 | 0.33 |
| | 05:15 - 05:30 | 2 | 1 | | 5 | | | | | | | | 0 | 8 | 25 | 0.36 |
| | 05:30 - 05:45 | 7 | | | 7 | | | | | | | | 0 | 14 | 30 | 0.43 |
| | 05:45 - 06:00 | 9 | | | 10 | 9 | | | | | | | 0 | 19 | 45 | 0.64 |
| | 06:00 - 06:15 | 1 | | | 1 | | | | | | | | 0 | 2 | 43 | 0.62 |
| | 06:15 - 06:30 | 2 | | | 9 | 2 | | | | | | | 0 | 11 | 46 | 0.66 |
| | 06:30 - 06:45 | 8 | | | 14 | | | 1 | | | | | 1 | 23 | 55 | 0.79 |
| | 06:45 - 07:00 | 9 | | | 20 | 1 | | | 2 | | | | 2 | 31 | 67 | 0.96 |
| | 07:00 - 07:15 | 15 | | | 30 | 3 | 1 | | | | | | 1 | 48 | 111 | 1.59 |
| | 07:15 - 07:30 | 22 | | 1 | 22 | 6 | | 1 | | | | | 1 | 46 | 146 | 2.09 |
| | 07:30 - 07:45 | 13 | 1 | | 30 | 7 | | | | | | | 0 | 44 | 167 | 2.39 |
| | 07:45 - 08:00 | 17 | | | 27 | 6 | | | | | | | 0 | 44 | 180 | 2.58 |
| | 08:00 - 08:15 | 26 | | | 46 | 20 | 1 | | 3 | | | | 4 | 76 | 212 | 3.04 |
| | 08:15 - 08:30 | 43 | 1 | | 36 | 17 | | | | | | | 0 | 82 | 248 | 3.55 |
| | 08:30 - 08:45 | 39 | | | 35 | 8 | 1 | 1 | | | | | 2 | 77 | 281 | 4.02 |
| | 08:45 - 09:00 | 26 | 2 | 2 | 36 | 16 | | 2 | 1 | | | | 3 | 74 | 311 | 4.45 |
| | 09:00 - 09:15 | 37 | | 1 | 41 | 23 | 2 | | 1 | | | | 3 | 82 | 315 | 4.51 |
| | 09:15 - 09:30 | 34 | | | 34 | 16 | 1 | | | | | | 1 | 69 | 302 | 4.32 |
| | 09:30 - 09:45 | 47 | 1 | | 37 | 5 | | 1 | 1 | | | | 2 | 87 | 312 | 4.47 |
| | 09:45 - 10:00 | 34 | | 2 | 53 | 11 | 1 | 2 | 1 | | | | 4 | 99 | 331 | 4.74 |
| | 10:00 - 10:15 | 40 | 2 | 1 | 37 | 13 | 1 | 2 | | | | | 3 | 83 | 332 | 4.75 |
| | 10:15 - 10:30 | 34 | | | 37 | 16 | | 2 | | | | | 2 | 73 | 336 | 4.81 |
| | 10:30 - 10:45 | 60 | 2 | | 30 | 8 | 2 | 2 | 1 | | | | 5 | 97 | 346 | 4.96 |
| | 10:45 - 11:00 | 42 | | 2 | 42 | 3 | 1 | 1 | 1 | | | | 3 | 89 | 342 | 4.90 |
| | 11:00 - 11:15 | 66 | | | 70 | 7 | | | | | | | 0 | 125 | 384 | 5.50 |
| | 11:15 - 11:30 | 58 | | 1 | 40 | 4 | 1 | 2 | | | | | 3 | 112 | 423 | 6.06 |
| | 11:30 - 11:45 | 70 | | | 43 | 1 | | 2 | | | | | 2 | 115 | 441 | 6.31 |
| | 11:45 - 12:00 | 60 | | 1 | 36 | 9 | 2 | 2 | | | | | 4 | 109 | 455 | 6.51 |
| | 12:00 - 12:15 | 58 | | | 29 | 2 | 1 | | | | | | 1 | 88 | 418 | 5.98 |
| | 12:15 - 12:30 | 62 | 1 | | 33 | 2 | | | 1 | | | | 1 | 97 | 403 | 5.77 |
| | 12:30 - 12:45 | 59 | | | 58 | 3 | 3 | 1 | | | | | 4 | 121 | 409 | 5.86 |
| | 12:45 - 13:00 | 115 | 1 | 1 | 56 | 2 | | 1 | 1 | | | | 2 | 175 | 481 | 6.89 |
| | 13:00 - 13:15 | 180 | | | 74 | 2 | 2 | 1 | 1 | | | | 4 | 258 | 651 | 9.32 |
| | 13:15 - 13:30 | 100 | | | 52 | 3 | 4 | 1 | 2 | 1 | | | 8 | 160 | 714 | 10.22 |
| | 13:30 - 13:45 | 90 | | | 59 | 5 | 1 | 1 | | | | | 2 | 151 | 744 | 10.65 |
| | 13:45 - 14:00 | 55 | | 3 | 34 | 2 | 3 | 2 | | | | | 5 | 97 | 666 | 9.53 |
| | 14:00 - 14:15 | 67 | | | 28 | 3 | 2 | | | | | | 2 | 97 | 505 | 7.23 |
| | 14:15 - 14:30 | 62 | | | 35 | 1 | 1 | 1 | | | | | 2 | 99 | 444 | 6.36 |
| | 14:30 - 14:45 | 77 | 1 | | 44 | 1 | | | 1 | | | | 1 | 123 | 416 | 5.96 |
| | 14:45 - 15:00 | 61 | | 2 | 25 | | 1 | | 2 | | | | 3 | 91 | 410 | 5.87 |
| | 15:00 - 15:15 | 80 | | | 38 | 1 | | | | | | | 0 | 119 | 432 | 6.18 |
| | 15:15 - 15:30 | 74 | | | 28 | | | 1 | | | | | 1 | 103 | 436 | 6.24 |
| | 15:30 - 15:45 | 94 | | | 37 | 1 | 2 | | | | | | 2 | 133 | 446 | 6.39 |
| | 15:45 - 16:00 | 86 | | 1 | 41 | | | | | | | | 0 | 128 | 483 | 6.91 |
| | 16:00 - 16:15 | 70 | | 1 | 36 | 2 | 2 | 1 | 1 | | | | 4 | 113 | 477 | 6.83 |
| | 16:15 - 16:30 | 112 | | | 45 | 1 | | | | | | | 0 | 157 | 531 | 7.60 |
| | 16:30 - 16:45 | 110 | | | 49 | 3 | | 1 | | | | | 1 | 160 | 558 | 7.99 |
| | 16:45 - 17:00 | 99 | | 1 | 54 | 5 | 1 | 1 | | | | | 2 | 156 | 586 | 8.39 |
| | 17:00 - 17:15 | 100 | | 3 | 78 | 4 | 2 | | | | | | 2 | 183 | 656 | 9.39 |
| | 17:15 - 17:30 | 140 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 214 | 713 | 10.21 |
| | 17:30 - 17:45 | 131 | | | 104 | 6 | 1 | 2 | 1 | | | | 4 | 226 | 792 | 11.34 |
| | 17:45 - 18:00 | 117 | | | 85 | 3 | | 1 | | | | | 1 | 203 | 839 | 12.01 |
| | 18:00 - 18:15 | 72 | | | 57 | | 1 | | | | | | 1 | 130 | 786 | 11.26 |
| | 18:15 - 18:30 | 66 | | | 56 | 1 | 1 | 1 | | | | | 2 | 123 | 695 | 9.95 |
| | 18:30 - 18:45 | 69 | 1 | | 52 | 1 | | | | | | | 0 | 122 | 578 | 8.27 |
| | 18:45 - 19:00 | 77 | | 2 | 25 | | 1 | | | | | | 1 | 105 | 480 | 6.87 |
| | 19:00 - 19:15 | 64 | 1 | | 49 | 1 | | | | | | | 0 | 114 | 464 | 6.64 |
| | 19:15 - 19:30 | 59 | | | 48 | 1 | 1 | 1 | | | | | 2 | 109 | 450 | 6.44 |
| | 19:30 - 19:45 | 48 | | | 46 | | 1 | | | | | | 1 | 95 | 423 | 6.05 |
| | 19:45 - 20:00 | 45 | 1 | | 40 | | | | | | | | 0 | 86 | 404 | 5.78 |
| | 20:00 - 20:15 | 66 | 1 | | 42 | 3 | | | | | | | 0 | 109 | 399 | 5.71 |
| | 20:15 - 20:30 | 49 | | | 29 | 1 | 1 | 1 | | | | | 2 | 80 | 370 | 5.30 |
| | 20:30 - 20:45 | 59 | | | 21 | | | | | | | | 0 | 79 | 354 | 5.07 |
| | 20:45 - 21:00 | 40 | 1 | | 10 | | | | | | | | 0 | 51 | 319 | 4.57 |
| | 21:00 - 21:15 | 30 | 2 | | 24 | | 1 | | | | | | 1 | 57 | 267 | 3.82 |
| | 21:15 - 21:30 | 38 | | | 11 | | 2 | 1 | | | | | 3 | 52 | 239 | 3.42 |
| | 21:30 - 21:45 | 22 | | | 12 | | | | | | | | 0 | 34 | 194 | 2.78 |
| | 21:45 - 22:00 | 26 | 1 | | 17 | 1 | | | 1 | | | | 1 | 45 | 188 | 2.69 |
| | 22:00 - 22:15 | 18 | 3 | | 11 | | 1 | 1 | | | | | 2 | 34 | 165 | 2.36 |
| | 22:15 - 22:30 | 14 | | | 13 | | | | | | | | 0 | 27 | 140 | 2.00 |
| | 22:30 - 22:45 | 6 | | | 6 | | | | | | | | 0 | 12 | 118 | 1.69 |
| | 22:45 - 23:00 | 9 | | 1 | 11 | | 1 | | | | | | 1 | 22 | 95 | 1.36 |
| | 23:00 - 23:15 | 4 | | | 5 | | | | | | | | 0 | 9 | 70 | 1.00 |
| | 23:15 - 23:30 | 8 | | | 4 | | | | | | | | 0 | 12 | 55 | 0.79 |
| | 23:30 - 23:45 | 7 | | | 10 | | | | | | | | 0 | 17 | 60 | 0.86 |
| | 23:45 - 00:00 | 9 | 1 | | 1 | | | | | | | | 0 | 11 | 49 | 0.70 |
| TOTAL HORAS | | 4096 | 27 | 33 | 2686 | 394 | 60 | 44 | 38 | 1 | 0 | 0 | 143 | 6965 | | |

INGESUELOS

ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 04-sep-24 | Sitio de conteo: | Movimiento aforado: 2

Sentido del tránsito: S - N | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión:

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| miércoles | 00:00 - 00:15 | 6 | | | 1 | | | | 2 | | | | 2 | 9 | 9 | 0.13 |
| | 00:15 - 00:30 | 15 | | | 7 | | 1 | 2 | 1 | | | | 4 | 28 | 28 | 0.37 |
| | 00:30 - 00:45 | 20 | | | 3 | | | | | | | | 0 | 23 | 23 | 0.32 |
| | 00:45 - 01:00 | 9 | | 2 | 2 | | | | 1 | | | | 1 | 14 | 73 | 1.02 |
| | 01:00 - 01:15 | 4 | | 1 | 1 | | 1 | | 3 | | | | 4 | 10 | 73 | 1.03 |
| | 01:15 - 01:30 | 15 | | | 1 | | 1 | | 2 | | | | 3 | 19 | 66 | 0.93 |
| | 01:30 - 01:45 | 8 | 1 | | 2 | | | | | | | | 0 | 11 | 54 | 0.76 |
| | 01:45 - 02:00 | 4 | | | 1 | | | | 1 | | | | 1 | 6 | 46 | 0.65 |
| | 02:00 - 02:15 | 12 | | | | | 1 | | | | | | 1 | 13 | 49 | 0.69 |
| | 02:15 - 02:30 | 11 | | 1 | | | | 1 | 1 | | | | 2 | 14 | 44 | 0.62 |
| | 02:30 - 02:45 | 9 | | | 5 | | | | | | | | 0 | 14 | 47 | 0.66 |
| | 02:45 - 03:00 | 22 | | | 1 | | | 1 | | | | | 1 | 24 | 65 | 0.92 |
| | 03:00 - 03:15 | 6 | | | 4 | | | | | | | | 0 | 10 | 62 | 0.88 |
| | 03:15 - 03:30 | 7 | | | 1 | | | 1 | 2 | | | | 3 | 11 | 59 | 0.83 |
| | 03:30 - 03:45 | 5 | | | | | 1 | | | | | | 1 | 6 | 51 | 0.72 |
| | 03:45 - 04:00 | 4 | | | 4 | | | | | | | | 0 | 8 | 36 | 0.49 |
| | 04:00 - 04:15 | 1 | | | 1 | | | | | | | | 0 | 2 | 27 | 0.38 |
| | 04:15 - 04:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 19 | 0.27 |
| | 04:30 - 04:45 | 6 | | | 3 | | | | | | | | 0 | 9 | 22 | 0.31 |
| | 04:45 - 05:00 | 1 | | | 2 | | | 1 | | | | | 1 | 4 | 18 | 0.25 |
| | 05:00 - 05:15 | 2 | | | 2 | | | | | | | | 0 | 4 | 20 | 0.28 |
| | 05:15 - 05:30 | 4 | | 1 | 4 | | | | | | | | 0 | 9 | 26 | 0.37 |
| | 05:30 - 05:45 | 5 | | | 7 | | | | | | | | 0 | 13 | 30 | 0.42 |
| | 05:45 - 06:00 | 10 | | | 11 | | | | | | | | 0 | 21 | 47 | 0.66 |
| | 06:00 - 06:15 | 2 | | | 1 | | | | | | | | 0 | 3 | 48 | 0.65 |
| | 06:15 - 06:30 | 1 | | | 10 | 2 | | | | | | | 0 | 11 | 48 | 0.68 |
| | 06:30 - 06:45 | 6 | | | 20 | | | 1 | | | | | 1 | 29 | 64 | 0.90 |
| | 06:45 - 07:00 | 10 | | | 15 | 1 | 1 | 1 | | | | | 2 | 27 | 70 | 0.99 |
| | 07:00 - 07:15 | 15 | 1 | | 40 | 3 | | | | | | | 0 | 56 | 123 | 1.74 |
| | 07:15 - 07:30 | 22 | | | 22 | 6 | | 1 | | | | | 1 | 45 | 157 | 2.22 |
| | 07:30 - 07:45 | 15 | | | 37 | 7 | | | | | | | 0 | 52 | 180 | 2.54 |
| | 07:45 - 08:00 | 19 | | 1 | 33 | 6 | | | | | | | 0 | 53 | 206 | 2.91 |
| | 08:00 - 08:15 | 26 | | | 60 | 13 | 1 | 2 | | | | | 3 | 89 | 239 | 3.38 |
| | 08:15 - 08:30 | 45 | 1 | | 40 | 17 | | | | | | | 0 | 86 | 280 | 3.95 |
| | 08:30 - 08:45 | 39 | | | 33 | 8 | 2 | 1 | | | | | 3 | 75 | 303 | 4.28 |
| | 08:45 - 09:00 | 28 | 2 | 1 | 38 | 18 | 2 | 2 | 1 | | | | 5 | 74 | 324 | 4.58 |
| | 09:00 - 09:15 | 41 | | 1 | 38 | 23 | 1 | | 1 | | | | 2 | 82 | 317 | 4.48 |
| | 09:15 - 09:30 | 37 | | | 37 | 16 | 2 | 2 | | | | | 4 | 78 | 309 | 4.36 |
| | 09:30 - 09:45 | 35 | 1 | | 34 | 5 | | 1 | 1 | | | | 2 | 92 | 326 | 4.60 |
| | 09:45 - 10:00 | 30 | | 1 | 53 | 11 | 1 | | 1 | | | | 2 | 80 | 338 | 4.77 |
| | 10:00 - 10:15 | 46 | | 2 | 37 | 13 | 1 | 1 | | | | | 2 | 87 | 343 | 4.84 |
| | 10:15 - 10:30 | 39 | 1 | | 37 | 15 | | 2 | | | | | 2 | 79 | 344 | 4.86 |
| | 10:30 - 10:45 | 70 | 1 | 1 | 15 | 6 | 4 | 2 | | | | | 6 | 99 | 345 | 4.87 |
| | 10:45 - 11:00 | 50 | | 2 | 60 | 3 | 1 | | 1 | | | | 2 | 114 | 373 | 5.27 |
| | 11:00 - 11:15 | 40 | | | 68 | 7 | | 2 | 1 | | | | 3 | 111 | 397 | 5.61 |
| | 11:15 - 11:30 | 80 | | 1 | 44 | 4 | 1 | 2 | | | | | 3 | 126 | 446 | 6.30 |
| | 11:30 - 11:45 | 66 | 1 | | 43 | 1 | | 3 | | | | | 3 | 113 | 466 | 6.58 |
| | 11:45 - 12:00 | 71 | | | 39 | 9 | 4 | | | | | | 4 | 113 | 485 | 6.57 |
| | 12:00 - 12:15 | 52 | | | 29 | 2 | 1 | | | | | | 1 | 92 | 485 | 6.30 |
| | 12:15 - 12:30 | 55 | 1 | | 37 | 2 | | | 1 | | | | 1 | 94 | 412 | 5.62 |
| | 12:30 - 12:45 | 61 | | 2 | 52 | 3 | 2 | 3 | | | | | 5 | 120 | 419 | 5.92 |
| | 12:45 - 13:00 | 107 | | 1 | 66 | 2 | | 1 | 1 | | | | 2 | 165 | 472 | 6.67 |
| | 13:00 - 13:15 | 150 | | 1 | 75 | 2 | 1 | 1 | | | | | 2 | 228 | 608 | 8.59 |
| | 13:15 - 13:30 | 112 | | | 54 | 3 | | 1 | 2 | 1 | | | 4 | 170 | 684 | 9.66 |
| | 13:30 - 13:45 | 80 | | | 53 | 5 | 1 | 1 | | | | | 2 | 135 | 699 | 9.87 |
| | 13:45 - 14:00 | 76 | | 1 | 39 | 2 | 3 | 1 | | | | | 4 | 120 | 653 | 9.22 |
| | 14:00 - 14:15 | 66 | | 2 | 27 | 3 | 2 | 3 | | | | | 5 | 100 | 525 | 7.41 |
| | 14:15 - 14:30 | 94 | | | 40 | 1 | 1 | 1 | | | | | 2 | 106 | 481 | 6.51 |
| | 14:30 - 14:45 | 71 | 1 | | 41 | 1 | | | 1 | | | | 1 | 114 | 440 | 6.21 |
| | 14:45 - 15:00 | 69 | | 1 | 28 | | 1 | | | | | | 1 | 97 | 417 | 5.89 |
| | 15:00 - 15:15 | 75 | | | 34 | 1 | | | | | | | 0 | 109 | 426 | 6.02 |
| | 15:15 - 15:30 | 74 | | | 30 | | | 1 | | | | | 1 | 105 | 425 | 6.00 |
| | 15:30 - 15:45 | 86 | | | 37 | 1 | 1 | | | | | | 1 | 136 | 447 | 6.31 |
| | 15:45 - 16:00 | 88 | | 1 | 43 | | 1 | | | | | | 1 | 133 | 463 | 6.62 |
| | 16:00 - 16:15 | 65 | 1 | 1 | 36 | 2 | 1 | | | | | | 1 | 109 | 477 | 6.74 |
| | 16:15 - 16:30 | 111 | | | 45 | 1 | | | | | | | 0 | 156 | 528 | 7.46 |
| | 16:30 - 16:45 | 100 | | | 48 | 3 | | 1 | | | | | 1 | 147 | 539 | 7.61 |
| | 16:45 - 17:00 | 99 | 1 | | 54 | 5 | 2 | 1 | | | | | 3 | 157 | 563 | 7.95 |
| | 17:00 - 17:15 | 114 | 2 | 1 | 79 | 4 | 2 | | | | | | 2 | 198 | 668 | 9.29 |
| | 17:15 - 17:30 | 175 | | 1 | 80 | 4 | 1 | 1 | | | | | 2 | 256 | 760 | 10.73 |
| | 17:30 - 17:45 | 132 | | | 107 | 6 | 1 | 2 | | | | | 3 | 242 | 855 | 12.07 |
| | 17:45 - 18:00 | 115 | | | 85 | 3 | | 1 | | | | | 1 | 201 | 869 | 12.70 |
| | 18:00 - 18:15 | 69 | 1 | | 60 | | 1 | | | | | | 1 | 131 | 832 | 11.75 |
| | 18:15 - 18:30 | 62 | | | 57 | 1 | 1 | 1 | | | | | 2 | 121 | 695 | 9.81 |
| | 18:30 - 18:45 | 69 | | 1 | 51 | 1 | | | | | | | 0 | 121 | 574 | 8.11 |
| | 18:45 - 19:00 | 67 | 1 | 1 | 26 | | 1 | | | | | | 1 | 96 | 469 | 6.62 |
| | 19:00 - 19:15 | 58 | | | 45 | 1 | | | | | | | 0 | 113 | 451 | 6.37 |
| | 19:15 - 19:30 | 54 | 1 | | 54 | 1 | | 1 | | | | | 1 | 110 | 440 | 6.21 |
| | 19:30 - 19:45 | 49 | | | 46 | | 1 | | | | | | 1 | 96 | 415 | 5.86 |
| | 19:45 - 20:00 | 47 | 1 | | 40 | | | 2 | | | | | 2 | 90 | 409 | 5.78 |
| | 20:00 - 20:15 | 62 | 1 | | 42 | 3 | | | | | | | 0 | 105 | 401 | 5.66 |
| | 20:15 - 20:30 | 50 | | | 29 | 1 | 1 | 1 | | | | | 2 | 81 | 372 | 5.26 |
| | 20:30 - 20:45 | 52 | | | 25 | | | 2 | | | | | 2 | 79 | 369 | 5.06 |
| | 20:45 - 21:00 | 35 | 1 | | 10 | | | | | | | | 0 | 46 | 316 | 4.46 |
| | 21:00 - 21:15 | 31 | 1 | | 24 | | | 1 | 1 | | | | 2 | 58 | 289 | 3.80 |
| | 21:15 - 21:30 | 40 | | 1 | 11 | | 2 | 1 | | | | | 3 | 55 | 243 | 3.43 |
| | 21:30 - 21:45 | 26 | | | 12 | | | | | | | | 0 | 38 | 197 | 2.78 |
| | 21:45 - 22:00 | 23 | 2 | | 17 | 1 | | | 1 | | | | 1 | 43 | 194 | 2.74 |
| | 22:00 - 22:15 | 16 | 3 | 1 | 11 | | | 2 | 2 | | | | 4 | 35 | 171 | 2.41 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 141 | 1.99 |
| | 22:30 - 22:45 | 7 | | | 6 | | | | | | | | 0 | 13 | 116 | 1.64 |
| | 22:45 - 23:00 | 6 | | | 11 | | 1 | | | | | | 1 | 18 | 91 | 1.29 |
| | 23:00 - 23:15 | 4 | 1 | | 5 | | | | | | | | 0 | 10 | 66 | 0.93 |
| | 23:15 - 23:30 | 7 | | | 4 | | | | | | | | 0 | 11 | 52 | 0.73 |
| | 23:30 - 23:45 | 7 | | | 10 | | | | | | | | 0 | 17 | 56 | 0.79 |
| | 23:45 - 00:00 | 15 | 1 | 1 | 1 | | | | | | | | 0 | 18 | 56 | 0.79 |
| TOTAL 24 HORAS | | 4146 | 29 | 32 | 2731 | 259 | 55 | 59 | 28 | 1 | 0 | 0 | 143 | 7081 | | |

INGESUELOS

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 05-sep-24 | Sitio de conteo: | Movimiento aforado: 2

Sentido del tránsito: S - N | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión:

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| jueves | 00:00 - 00:15 | 6 | | | 2 | | | | 1 | | | | 1 | 9 | 9 | 0.13 |
| | 00:15 - 00:30 | 20 | | | 6 | | 1 | 2 | 2 | | | | 5 | 31 | 31 | 0.45 |
| | 00:30 - 00:45 | 19 | | | 2 | | | | | | | | 0 | 21 | 21 | 0.30 |
| | 00:45 - 01:00 | 6 | | 2 | 1 | | | | | | | | 0 | 11 | 72 | 1.03 |
| | 01:00 - 01:15 | 4 | | 1 | 2 | | 1 | | 3 | | | | 4 | 11 | 74 | 1.06 |
| | 01:15 - 01:30 | 12 | | | 2 | | 1 | | 2 | | | | 3 | 17 | 60 | 0.86 |
| | 01:30 - 01:45 | 7 | 1 | | 1 | | | | | | | | 0 | 9 | 48 | 0.69 |
| | 01:45 - 02:00 | 4 | | | 1 | | | | | | | | 0 | 5 | 42 | 0.60 |
| | 02:00 - 02:15 | 11 | | | 1 | | 1 | | 1 | | | | 2 | 14 | 45 | 0.65 |
| | 02:15 - 02:30 | 16 | | 1 | | | | | 2 | | | | 2 | 18 | 46 | 0.66 |
| | 02:30 - 02:45 | 8 | | | 4 | | | | | | | | 0 | 12 | 49 | 0.70 |
| | 02:45 - 03:00 | 18 | | | | | | | 1 | | | | 1 | 19 | 63 | 0.91 |
| | 03:00 - 03:15 | 10 | | | 5 | | | 1 | | | | | 1 | 16 | 65 | 0.93 |
| | 03:15 - 03:30 | 6 | | | 1 | | | | 1 | | | | 1 | 8 | 55 | 0.79 |
| | 03:30 - 03:45 | 15 | | | | | | 1 | | | | | 1 | 16 | 59 | 0.85 |
| | 03:45 - 04:00 | 7 | | | | | | | | | | | 0 | 7 | 47 | 0.68 |
| | 04:00 - 04:15 | 2 | | | 4 | | | | | | | | 0 | 6 | 37 | 0.53 |
| | 04:15 - 04:30 | 2 | | | 2 | | | | | | | | 0 | 4 | 33 | 0.47 |
| | 04:30 - 04:45 | 5 | | | 1 | | | | | | | | 0 | 6 | 23 | 0.33 |
| | 04:45 - 05:00 | 1 | | | 3 | | 1 | | | | | | 1 | 5 | 21 | 0.30 |
| | 05:00 - 05:15 | 3 | | | 4 | | | | | | | | 0 | 7 | 22 | 0.32 |
| | 05:15 - 05:30 | 4 | | | 1 | | | | | | | | 0 | 5 | 23 | 0.33 |
| | 05:30 - 05:45 | 6 | | | 8 | | | | | | | | 0 | 14 | 31 | 0.45 |
| | 05:45 - 06:00 | 9 | | | 10 | 1 | | | | | | | 0 | 19 | 45 | 0.65 |
| | 06:00 - 06:15 | 9 | | | 1 | | | | | | | | 0 | 10 | 48 | 0.69 |
| | 06:15 - 06:30 | 12 | | | 10 | 2 | | | | | | | 0 | 22 | 65 | 0.93 |
| | 06:30 - 06:45 | 7 | | | 14 | | | 1 | | | | | 1 | 22 | 73 | 1.05 |
| | 06:45 - 07:00 | 10 | | | 26 | 1 | | 2 | | | | | 2 | 40 | 94 | 1.35 |
| | 07:00 - 07:15 | 12 | | | 26 | 3 | | | | | | | 0 | 38 | 122 | 1.75 |
| | 07:15 - 07:30 | 22 | | 1 | 20 | 6 | 1 | | | | | | 1 | 44 | 144 | 2.07 |
| | 07:30 - 07:45 | 26 | | | 32 | 7 | | | | | | | 0 | 58 | 180 | 2.59 |
| | 07:45 - 08:00 | 18 | | | 27 | 6 | | | | | | | 0 | 45 | 185 | 2.66 |
| | 08:00 - 08:15 | 20 | | | 46 | 13 | 1 | | | | | | 1 | 67 | 214 | 3.07 |
| | 08:15 - 08:30 | 42 | 1 | | 38 | 17 | | | | | | | 0 | 81 | 251 | 3.61 |
| | 08:30 - 08:45 | 36 | | | 36 | 9 | 2 | 1 | | | | | 3 | 77 | 270 | 3.88 |
| | 08:45 - 09:00 | 26 | 2 | 2 | 38 | 18 | 1 | 1 | 1 | | | | 3 | 71 | 296 | 4.25 |
| | 09:00 - 09:15 | 32 | | 1 | 42 | 26 | 2 | | 1 | | | | 3 | 78 | 307 | 4.41 |
| | 09:15 - 09:30 | 35 | | | 34 | 20 | 1 | | | | | | 1 | 70 | 296 | 4.25 |
| | 09:30 - 09:45 | 49 | 1 | | 37 | 6 | | | 1 | | | | 1 | 88 | 307 | 4.41 |
| | 09:45 - 10:00 | 34 | | 2 | 52 | 11 | 1 | | 1 | | | | 2 | 90 | 326 | 4.68 |
| | 10:00 - 10:15 | 40 | 2 | 1 | 37 | 13 | | 2 | | | | | 2 | 82 | 330 | 4.74 |
| | 10:15 - 10:30 | 35 | | | 40 | 15 | | 1 | | | | | 1 | 77 | 337 | 4.84 |
| | 10:30 - 10:45 | 62 | 2 | | 32 | 8 | 3 | 2 | | | | | 5 | 101 | 350 | 5.03 |
| | 10:45 - 11:00 | 39 | | 2 | 42 | 4 | 1 | 1 | 1 | | | | 3 | 86 | 346 | 4.97 |
| | 11:00 - 11:15 | 49 | | | 68 | 7 | 2 | | | | | | 2 | 119 | 383 | 5.50 |
| | 11:15 - 11:30 | 70 | | 1 | 38 | 8 | | 2 | | | | | 2 | 111 | 417 | 5.99 |
| | 11:30 - 11:45 | 65 | | | 43 | 1 | | | | | | | 0 | 108 | 424 | 6.09 |
| | 11:45 - 12:00 | 82 | | 1 | 38 | 9 | 3 | | | | | | 3 | 104 | 442 | 6.35 |
| | 12:00 - 12:15 | 60 | | | 26 | 4 | | | | | | | 0 | 86 | 409 | 5.88 |
| | 12:15 - 12:30 | 58 | 1 | | 36 | 2 | 2 | | 1 | | | | 3 | 97 | 395 | 5.68 |
| | 12:30 - 12:45 | 62 | | | 53 | 3 | | 3 | | | | | 3 | 118 | 405 | 5.82 |
| | 12:45 - 13:00 | 115 | 1 | 1 | 65 | 2 | | 1 | 1 | | | | 2 | 174 | 475 | 6.82 |
| | 13:00 - 13:15 | 170 | | | 78 | 2 | 2 | 1 | 1 | | | | 4 | 250 | 639 | 9.18 |
| | 13:15 - 13:30 | 110 | | | 53 | 4 | | 4 | | | | | 4 | 167 | 705 | 10.13 |
| | 13:30 - 13:45 | 78 | | | 55 | 5 | 1 | 1 | | | | | 2 | 135 | 726 | 10.43 |
| | 13:45 - 14:00 | 75 | | 3 | 39 | | 4 | 2 | | | | | 6 | 123 | 675 | 9.70 |
| | 14:00 - 14:15 | 68 | | | 24 | 7 | 2 | 1 | | | | | 3 | 95 | 520 | 7.47 |
| | 14:15 - 14:30 | 62 | | | 35 | | 1 | 1 | | | | | 2 | 99 | 462 | 6.49 |
| | 14:30 - 14:45 | 69 | 1 | | 47 | | | | 1 | | | | 1 | 118 | 435 | 6.25 |
| | 14:45 - 15:00 | 97 | | 2 | 25 | | 1 | | 1 | | | | 2 | 98 | 408 | 5.86 |
| | 15:00 - 15:15 | 86 | | | 35 | 1 | | 2 | | | | | 2 | 122 | 435 | 6.25 |
| | 15:15 - 15:30 | 75 | | | 25 | | | 1 | | | | | 1 | 101 | 437 | 6.28 |
| | 15:30 - 15:45 | 100 | | | 35 | 1 | 1 | | | | | | 1 | 135 | 455 | 6.54 |
| | 15:45 - 16:00 | 84 | | 1 | 41 | | 1 | | | | | | 1 | 127 | 486 | 6.98 |
| | 16:00 - 16:15 | 70 | | 1 | 39 | 1 | 2 | | | | | | 2 | 112 | 476 | 6.84 |
| | 16:15 - 16:30 | 112 | | | 45 | 2 | | | | | | | 0 | 157 | 532 | 7.64 |
| | 16:30 - 16:45 | 103 | | | 48 | 3 | | 1 | | | | | 1 | 152 | 548 | 7.87 |
| | 16:45 - 17:00 | 97 | | 1 | 54 | 5 | 1 | 1 | | | | | 2 | 154 | 575 | 8.26 |
| | 17:00 - 17:15 | 110 | | 3 | 75 | 2 | | | 1 | | | | 1 | 189 | 652 | 9.37 |
| | 17:15 - 17:30 | 139 | | 1 | 71 | 7 | 1 | 1 | | | | | 2 | 213 | 708 | 10.17 |
| | 17:30 - 17:45 | 148 | | | 105 | 3 | 1 | 1 | | | | | 2 | 247 | 803 | 11.54 |
| | 17:45 - 18:00 | 108 | | | 89 | 2 | | 1 | | | | | 1 | 198 | 847 | 12.17 |
| | 18:00 - 18:15 | 70 | | | 57 | | 1 | | | | | | 1 | 128 | 786 | 11.29 |
| | 18:15 - 18:30 | 64 | | | 54 | 1 | | 1 | | | | | 1 | 119 | 692 | 9.94 |
| | 18:30 - 18:45 | 69 | 1 | | 52 | 1 | | | | | | | 0 | 122 | 667 | 6.15 |
| | 18:45 - 19:00 | 67 | | 2 | 27 | | 1 | 1 | | | | | 2 | 98 | 467 | 6.71 |
| | 19:00 - 19:15 | 67 | 1 | | 50 | 1 | | | | | | | 0 | 118 | 457 | 6.57 |
| | 19:15 - 19:30 | 55 | | | 49 | 1 | | 1 | | | | | 1 | 105 | 443 | 6.39 |
| | 19:30 - 19:45 | 51 | | | 42 | | | | | | | | 0 | 93 | 414 | 5.95 |
| | 19:45 - 20:00 | 45 | 1 | | 38 | 1 | | | | | | | 0 | 84 | 400 | 5.75 |
| | 20:00 - 20:15 | 66 | 1 | | 48 | 3 | 1 | | | | | | 1 | 116 | 398 | 5.72 |
| | 20:15 - 20:30 | 48 | | | 29 | 1 | | 1 | | | | | 1 | 78 | 371 | 5.33 |
| | 20:30 - 20:45 | 57 | | | 21 | | | 1 | 1 | | | | 2 | 79 | 357 | 5.13 |
| | 20:45 - 21:00 | 35 | 1 | | 10 | | | | | | | | 0 | 46 | 319 | 4.58 |
| | 21:00 - 21:15 | 32 | 1 | 1 | 18 | | 1 | | | | | | 1 | 53 | 256 | 3.68 |
| | 21:15 - 21:30 | 39 | | | 11 | | 1 | 1 | | | | | 2 | 52 | 230 | 3.30 |
| | 21:30 - 21:45 | 24 | | | 12 | | | | | | | | 0 | 36 | 187 | 2.69 |
| | 21:45 - 22:00 | 23 | 1 | | 22 | | | | 1 | | | | 1 | 47 | 188 | 2.70 |
| | 22:00 - 22:15 | 16 | 3 | | 11 | | | 2 | 2 | | | | 4 | 34 | 169 | 2.43 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 142 | 2.04 |
| | 22:30 - 22:45 | 7 | | | 6 | | | | | | | | 0 | 13 | 119 | 1.71 |
| | 22:45 - 23:00 | 4 | | 1 | 12 | | 1 | | | | | | 1 | 18 | 90 | 1.29 |
| | 23:00 - 23:15 | 0 | | | 6 | | | | | | | | 0 | 10 | 66 | 0.95 |
| | 23:15 - 23:30 | 8 | | | 4 | | | | | | | | 0 | 12 | 53 | 0.76 |
| | 23:30 - 23:45 | 6 | | | 9 | | | | | | | | 0 | 15 | 55 | 0.79 |
| | 23:45 - 00:00 | 12 | 1 | | 1 | | | | | | | | 0 | 14 | 51 | 0.73 |
| TOTAL 24 HORAS | | 4116 | 23 | 32 | 2665 | 273 | 49 | 47 | 28 | 0 | 0 | 0 | 124 | 6960 | | |

INGESUELOS

**ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR**

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 06-sep-24 | Sitio de conteo: | Movimiento aforado: 2

Sentido del tránsito: S - N | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión:

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| viernes | 00:00 - 00:15 | 4 | | | 2 | | | | 1 | | | | 1 | 7 | 7 | 0.10 |
| | 00:15 - 00:30 | 16 | | | 2 | | | 2 | 4 | | | | 6 | 24 | 24 | 0.35 |
| | 00:30 - 00:45 | 20 | | | 6 | | | | | | | | 0 | 26 | 26 | 0.38 |
| | 00:45 - 01:00 | 4 | | 2 | 1 | | | | | | | | 0 | 7 | 64 | 0.93 |
| | 01:00 - 01:15 | 8 | | 1 | 1 | | 1 | | 4 | | | | 5 | 15 | 72 | 1.04 |
| | 01:15 - 01:30 | 10 | | | 2 | | | 1 | 2 | | | | 3 | 15 | 63 | 0.91 |
| | 01:30 - 01:45 | 16 | 1 | | 1 | | | | | | | | 0 | 18 | 55 | 0.79 |
| | 01:45 - 02:00 | 2 | | | 2 | | | | | | | | 0 | 4 | 52 | 0.75 |
| | 02:00 - 02:15 | 10 | | | 1 | | 1 | | 1 | | | | 2 | 13 | 50 | 0.72 |
| | 02:15 - 02:30 | 13 | | 1 | | | | | 2 | | | | 2 | 16 | 51 | 0.74 |
| | 02:30 - 02:45 | 9 | | | 4 | | | | | | | | 0 | 13 | 46 | 0.66 |
| | 02:45 - 03:00 | 15 | | | | | | 1 | 1 | | | | 2 | 17 | 59 | 0.85 |
| | 03:00 - 03:15 | 6 | | | 5 | | 1 | | | | | | 1 | 12 | 58 | 0.84 |
| | 03:15 - 03:30 | 7 | | | 2 | | | | 1 | | | | 1 | 10 | 52 | 0.75 |
| | 03:30 - 03:45 | 8 | | | | | | | | | | | 0 | 8 | 47 | 0.68 |
| | 03:45 - 04:00 | 6 | | | | | | | | | | | 0 | 6 | 36 | 0.51 |
| | 04:00 - 04:15 | 3 | | | 4 | | | | | | | | 0 | 7 | 30 | 0.43 |
| | 04:15 - 04:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 23 | 0.33 |
| | 04:30 - 04:45 | 1 | | | 3 | | | | | | | | 0 | 4 | 19 | 0.27 |
| | 04:45 - 05:00 | 1 | | | 1 | | 1 | | | | | | 1 | 3 | 17 | 0.25 |
| | 05:00 - 05:15 | 4 | | | 4 | | | | | | | | 0 | 8 | 18 | 0.26 |
| | 05:15 - 05:30 | 2 | | | 2 | | | | | | | | 0 | 4 | 19 | 0.27 |
| | 05:30 - 05:45 | 5 | | | 7 | | | | | | | | 0 | 12 | 27 | 0.39 |
| | 05:45 - 06:00 | 12 | | | 10 | | | | | | | | 0 | 22 | 46 | 0.66 |
| | 06:00 - 06:15 | 3 | | | 2 | | | | | | | | 0 | 5 | 43 | 0.62 |
| | 06:15 - 06:30 | 2 | | | 9 | 2 | | 1 | | | | | 1 | 12 | 51 | 0.74 |
| | 06:30 - 06:45 | 9 | | | 14 | | | 1 | | | | | 1 | 24 | 63 | 0.91 |
| | 06:45 - 07:00 | 10 | | | 20 | 1 | | | | | | | 0 | 30 | 71 | 1.02 |
| | 07:00 - 07:15 | 12 | | | 26 | 9 | | | | | | | 0 | 38 | 104 | 1.50 |
| | 07:15 - 07:30 | 22 | | 2 | 22 | 6 | 1 | 1 | | | | | 2 | 48 | 140 | 2.02 |
| | 07:30 - 07:45 | 12 | | | 34 | 7 | | | | | | | 0 | 46 | 162 | 2.34 |
| | 07:45 - 08:00 | 16 | | | 28 | 10 | | | | | | | 0 | 44 | 176 | 2.54 |
| | 08:00 - 08:15 | 24 | | | 44 | 13 | 1 | 1 | | | | | 2 | 70 | 208 | 3.00 |
| | 08:15 - 08:30 | 41 | 1 | | 36 | 17 | | | | | | | 0 | 78 | 238 | 3.44 |
| | 08:30 - 08:45 | 38 | | | 38 | 12 | 2 | 1 | | | | | 3 | 79 | 271 | 3.91 |
| | 08:45 - 09:00 | 26 | 2 | 2 | 40 | 18 | 2 | | 1 | | | | 3 | 73 | 300 | 4.33 |
| | 09:00 - 09:15 | 33 | | 1 | 41 | 23 | 1 | | 1 | | | | 2 | 77 | 307 | 4.43 |
| | 09:15 - 09:30 | 36 | | | 34 | 18 | 1 | 1 | | | | | 2 | 71 | 300 | 4.33 |
| | 09:30 - 09:45 | 34 | 1 | | 37 | 7 | | | 1 | | | | 1 | 80 | 311 | 4.49 |
| | 09:45 - 10:00 | 34 | | 2 | 53 | 11 | | 1 | 1 | | | | 2 | 91 | 329 | 4.75 |
| | 10:00 - 10:15 | 42 | 2 | 1 | 34 | 13 | 1 | 2 | | | | | 3 | 92 | 334 | 4.82 |
| | 10:15 - 10:30 | 38 | | | 37 | 15 | | 2 | | | | | 2 | 77 | 340 | 4.91 |
| | 10:30 - 10:45 | 62 | 2 | | 30 | 6 | 3 | 2 | | | | | 5 | 99 | 349 | 5.04 |
| | 10:45 - 11:00 | 41 | | 2 | 42 | 3 | 1 | 1 | 1 | | | | 3 | 88 | 346 | 4.99 |
| | 11:00 - 11:15 | 47 | | | 66 | 7 | 2 | | | | | | 2 | 117 | 381 | 5.50 |
| | 11:15 - 11:30 | 68 | | 1 | 40 | 4 | 1 | 2 | | | | | 3 | 112 | 416 | 6.01 |
| | 11:30 - 11:45 | 70 | | | 43 | 1 | | 2 | | | | | 2 | 115 | 432 | 6.24 |
| | 11:45 - 12:00 | 62 | | 1 | 39 | 9 | 3 | 1 | | | | | 4 | 105 | 449 | 6.48 |
| | 12:00 - 12:15 | 60 | | | 26 | 2 | 1 | 1 | | | | | 2 | 88 | 420 | 6.06 |
| | 12:15 - 12:30 | 57 | 1 | | 35 | 2 | | | 1 | | | | 1 | 94 | 402 | 5.80 |
| | 12:30 - 12:45 | 62 | | | 52 | 3 | 2 | 3 | | | | | 5 | 119 | 406 | 5.86 |
| | 12:45 - 13:00 | 110 | 1 | 1 | 65 | 2 | | 1 | 1 | | | | 2 | 169 | 470 | 6.79 |
| | 13:00 - 13:15 | 140 | | | 75 | 2 | 2 | 1 | 1 | | | | 4 | 219 | 601 | 8.68 |
| | 13:15 - 13:30 | 121 | | | 53 | 3 | | 1 | 1 | | | | 2 | 176 | 683 | 9.86 |
| | 13:30 - 13:45 | 85 | | | 55 | 5 | 1 | 1 | | | | | 2 | 142 | 709 | 10.19 |
| | 13:45 - 14:00 | 75 | | 3 | 38 | 2 | 4 | 2 | | | | | 6 | 122 | 659 | 9.51 |
| | 14:00 - 14:15 | 69 | | | 24 | 3 | 1 | 3 | | | | | 4 | 97 | 537 | 7.75 |
| | 14:15 - 14:30 | 62 | | | 35 | 1 | 1 | 1 | | | | | 2 | 99 | 460 | 6.64 |
| | 14:30 - 14:45 | 70 | 1 | | 46 | 1 | | | 1 | | | | 1 | 118 | 436 | 6.29 |
| | 14:45 - 15:00 | 85 | | 2 | 25 | | 1 | 2 | 1 | | | | 4 | 96 | 410 | 5.92 |
| | 15:00 - 15:15 | 79 | | | 35 | 1 | | 1 | | | | | 1 | 115 | 428 | 6.18 |
| | 15:15 - 15:30 | 80 | | | 28 | | | | | | | | 0 | 108 | 437 | 6.31 |
| | 15:30 - 15:45 | 96 | | | 35 | 1 | 1 | | | | | | 1 | 132 | 451 | 6.51 |
| | 15:45 - 16:00 | 84 | | 1 | 41 | | 1 | | | | | | 1 | 127 | 482 | 6.96 |
| | 16:00 - 16:15 | 71 | | 1 | 38 | 2 | | | | | | | 0 | 110 | 477 | 6.89 |
| | 16:15 - 16:30 | 113 | | | 46 | 1 | | | | | | | 0 | 159 | 527 | 7.61 |
| | 16:30 - 16:45 | 103 | | | 46 | 3 | | 1 | | | | | 1 | 150 | 545 | 7.87 |
| | 16:45 - 17:00 | 97 | | 1 | 54 | 5 | 1 | 1 | | | | | 2 | 154 | 572 | 8.26 |
| | 17:00 - 17:15 | 125 | | 3 | 78 | 4 | 2 | | | | | | 2 | 208 | 670 | 9.67 |
| | 17:15 - 17:30 | 138 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 212 | 724 | 10.46 |
| | 17:30 - 17:45 | 132 | | | 104 | 6 | 1 | 2 | | | | | 3 | 239 | 813 | 11.74 |
| | 17:45 - 18:00 | 110 | | | 86 | 3 | | 1 | | | | | 1 | 201 | 860 | 12.42 |
| | 18:00 - 18:15 | 69 | | | 57 | | 1 | | | | | | 1 | 127 | 779 | 11.25 |
| | 18:15 - 18:30 | 62 | | | 55 | 1 | 1 | 1 | | | | | 2 | 119 | 685 | 9.90 |
| | 18:30 - 18:45 | 69 | 1 | | 52 | 1 | | | | | | | 0 | 122 | 569 | 8.21 |
| | 18:45 - 19:00 | 67 | | 2 | 25 | | 1 | | | | | | 1 | 95 | 463 | 6.68 |
| | 19:00 - 19:15 | 67 | 1 | | 66 | 1 | | | | | | | 0 | 135 | 456 | 6.63 |
| | 19:15 - 19:30 | 56 | | | 48 | 1 | | | | | | | 0 | 103 | 443 | 6.40 |
| | 19:30 - 19:45 | 50 | | | 46 | | | 1 | | | | | 1 | 97 | 418 | 6.03 |
| | 19:45 - 20:00 | 45 | 1 | | 42 | | | | | | | | 0 | 88 | 411 | 5.93 |
| | 20:00 - 20:15 | 66 | 1 | | 42 | 3 | | | | | | | 0 | 109 | 397 | 5.73 |
| | 20:15 - 20:30 | 49 | | | 29 | 1 | | 1 | | | | | 1 | 79 | 373 | 5.38 |
| | 20:30 - 20:45 | 57 | | | 21 | | | 1 | | | | | 1 | 78 | 354 | 5.11 |
| | 20:45 - 21:00 | 35 | 1 | | 10 | | | | | | | | 0 | 46 | 312 | 4.50 |
| | 21:00 - 21:15 | 29 | 2 | | 24 | | 1 | | | | | | 1 | 56 | 259 | 3.74 |
| | 21:15 - 21:30 | 39 | | | 15 | | | 1 | 1 | | | | 2 | 56 | 236 | 3.41 |
| | 21:30 - 21:45 | 24 | | | 12 | | | | | | | | 0 | 36 | 194 | 2.80 |
| | 21:45 - 22:00 | 23 | 1 | | 17 | 1 | | | 1 | | | | 1 | 42 | 190 | 2.74 |
| | 22:00 - 22:15 | 22 | 4 | | 15 | | 1 | | 1 | | | | 2 | 43 | 177 | 2.56 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 146 | 2.11 |
| | 22:30 - 22:45 | 7 | | | 6 | | | | | | | | 0 | 13 | 123 | 1.78 |
| | 22:45 - 23:00 | 7 | | 1 | 12 | | 1 | 1 | | | | | 2 | 22 | 103 | 1.49 |
| | 23:00 - 23:15 | 8 | | | 5 | | | | | | | | 0 | 13 | 73 | 1.05 |
| | 23:15 - 23:30 | 7 | | | 4 | | | | | | | | 0 | 11 | 59 | 0.85 |
| | 23:30 - 23:45 | 6 | | | 10 | | | | | | | | 0 | 16 | 62 | 0.90 |
| | 23:45 - 00:00 | 9 | 1 | | 1 | | | | | | | | 0 | 11 | 51 | 0.74 |
| TOTAL 24 HORAS | | 4074 | 25 | 32 | 2985 | 277 | 49 | 52 | 30 | 0 | 0 | 0 | 131 | 6927 | | |

INGESUELOS

ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RIO, VIAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR - DEPARTAMENTO DEL CESAR

GOBERNACIÓN DEL CESAR

## RESUMEN DE CONTEOS VEHICULARES



Fecha (D-M-A): 07-sep-24 | Sitio de conteo: | Movimiento aforado: 2

Sentido del tránsito: S - N | Aforador: | Supervisor: Ing. Ruben Torres

Factores de expansión:

| DIA | PERIODO | AUTOS | BUSES | BUSETAS | MOTOS | BICICLETAS | CAMIONES | | | | | | | TOTAL 15 min A,B,C,M | TOTAL Hora | VARIACION Horaria % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | C2p | C2g | C3 | C4 | C5 | >C5 | TOTAL | | | |
| sábado | 00:00 - 00:15 | 6 | | | 2 | | | | 1 | | | | 1 | 9 | 9 | 0.13 |
| | 00:15 - 00:30 | 19 | | | 6 | | | 2 | 4 | | | | 6 | 31 | 31 | 0.45 |
| | 00:30 - 00:45 | 20 | | | 2 | | | | | | | | 0 | 22 | 22 | 0.32 |
| | 00:45 - 01:00 | 7 | | 2 | 1 | | | | | | | | 0 | 10 | 72 | 1.05 |
| | 01:00 - 01:15 | 4 | | 1 | 2 | | 1 | | 4 | | | | 5 | 12 | 75 | 1.09 |
| | 01:15 - 01:30 | 12 | | | 2 | | | 1 | 2 | | | | 3 | 17 | 61 | 0.89 |
| | 01:30 - 01:45 | 8 | 1 | | 1 | | | | | | | | 0 | 10 | 49 | 0.71 |
| | 01:45 - 02:00 | 5 | | | 1 | | | | | | | | 0 | 6 | 45 | 0.65 |
| | 02:00 - 02:15 | 12 | | | 1 | | 1 | | 1 | | | | 2 | 15 | 48 | 0.70 |
| | 02:15 - 02:30 | 14 | | 1 | | | | | 2 | | | | 2 | 17 | 48 | 0.70 |
| | 02:30 - 02:45 | 9 | | | 4 | | | 1 | | | | | 1 | 14 | 52 | 0.75 |
| | 02:45 - 03:00 | 15 | | | | | 1 | | 1 | | | | 2 | 17 | 53 | 0.91 |
| | 03:00 - 03:15 | 6 | | | 5 | | 1 | | | | | | 1 | 12 | 60 | 0.87 |
| | 03:15 - 03:30 | 4 | | | 1 | | | | 1 | | | | 1 | 6 | 49 | 0.71 |
| | 03:30 - 03:45 | 8 | | | | | | | | | | | 0 | 8 | 43 | 0.62 |
| | 03:45 - 04:00 | 8 | | | | | | | | | | | 0 | 8 | 34 | 0.49 |
| | 04:00 - 04:15 | 2 | | | 4 | | | | | | | | 0 | 6 | 28 | 0.41 |
| | 04:15 - 04:30 | 3 | | | 2 | | | | | | | | 0 | 5 | 27 | 0.39 |
| | 04:30 - 04:45 | 2 | | | 3 | | | | | | | | 0 | 5 | 24 | 0.35 |
| | 04:45 - 05:00 | 2 | | | 2 | | 1 | | | | | | 1 | 5 | 21 | 0.30 |
| | 05:00 - 05:15 | 1 | | | 4 | | | | | | | | 0 | 5 | 20 | 0.29 |
| | 05:15 - 05:30 | 2 | | | 1 | | | | | | | | 0 | 3 | 18 | 0.26 |
| | 05:30 - 05:45 | 4 | | | 7 | | | 1 | | | | | 1 | 12 | 25 | 0.36 |
| | 05:45 - 06:00 | 12 | | | 10 | | | | | | | | 0 | 22 | 42 | 0.61 |
| | 06:00 - 06:15 | 3 | | | 1 | | | | | | | | 0 | 4 | 41 | 0.60 |
| | 06:15 - 06:30 | 4 | | | 9 | 2 | | | | | | | 0 | 13 | 51 | 0.74 |
| | 06:30 - 06:45 | 8 | | | 14 | | | 1 | | | | | 1 | 23 | 62 | 0.90 |
| | 06:45 - 07:00 | 9 | | | 20 | 1 | | 1 | | | | | 1 | 30 | 70 | 1.02 |
| | 07:00 - 07:15 | 13 | | 1 | 26 | 3 | | | | | | | 0 | 40 | 105 | 1.54 |
| | 07:15 - 07:30 | 24 | | | 22 | 6 | | 1 | | | | | 1 | 47 | 140 | 2.03 |
| | 07:30 - 07:45 | 12 | | | 30 | 7 | | | | | | | 0 | 42 | 159 | 2.31 |
| | 07:45 - 08:00 | 18 | | | 27 | 3 | | | | | | | 0 | 45 | 172 | 2.50 |
| | 08:00 - 08:15 | 24 | | 1 | 45 | 13 | 1 | | | | | | 1 | 71 | 203 | 2.95 |
| | 08:15 - 08:30 | 43 | 1 | | 38 | 20 | | | | | | | 0 | 82 | 238 | 3.46 |
| | 08:30 - 08:45 | 39 | | | 36 | 8 | 2 | 1 | | | | | 3 | 78 | 274 | 3.98 |
| | 08:45 - 09:00 | 28 | 2 | 2 | 38 | 18 | 2 | 2 | 1 | | | | 5 | 75 | 306 | 4.44 |
| | 09:00 - 09:15 | 32 | | 1 | 41 | 25 | 2 | | 1 | | | | 3 | 77 | 312 | 4.53 |
| | 09:15 - 09:30 | 35 | | | 34 | 20 | 1 | | | | | | 1 | 70 | 300 | 4.36 |
| | 09:30 - 09:45 | 52 | 1 | | 37 | 5 | | | 1 | | | | 1 | 91 | 313 | 4.54 |
| | 09:45 - 10:00 | 32 | | 2 | 53 | 16 | 1 | | 1 | | | | 2 | 89 | 327 | 4.75 |
| | 10:00 - 10:15 | 42 | 2 | 1 | 37 | 13 | 1 | 2 | | | | | 3 | 85 | 335 | 4.86 |
| | 10:15 - 10:30 | 37 | | | 37 | 15 | | 2 | | | | | 2 | 76 | 341 | 4.95 |
| | 10:30 - 10:45 | 65 | 2 | | 30 | 6 | 3 | 2 | | | | | 5 | 102 | 352 | 5.11 |
| | 10:45 - 11:00 | 37 | | 2 | 42 | 3 | 1 | 1 | 1 | | | | 3 | 84 | 347 | 5.04 |
| | 11:00 - 11:15 | 47 | | | 56 | 10 | 2 | | | | | | 2 | 117 | 379 | 5.50 |
| | 11:15 - 11:30 | 76 | | 1 | 42 | 4 | | 2 | | | | | 2 | 121 | 424 | 6.16 |
| | 11:30 - 11:45 | 62 | | | 43 | 1 | | 2 | | | | | 2 | 107 | 429 | 6.23 |
| | 11:45 - 12:00 | 59 | | 1 | 48 | 10 | 5 | | | | | | 5 | 113 | 458 | 6.65 |
| | 12:00 - 12:15 | 57 | | | 26 | 2 | 1 | | | | | | 1 | 84 | 425 | 6.17 |
| | 12:15 - 12:30 | 62 | 1 | | 35 | 2 | | | 1 | | | | 1 | 99 | 403 | 5.85 |
| | 12:30 - 12:45 | 42 | | | 49 | 4 | 2 | 3 | | | | | 5 | 96 | 392 | 5.69 |
| | 12:45 - 13:00 | 110 | 1 | 1 | 55 | 2 | | 1 | 1 | | | | 2 | 169 | 446 | 6.60 |
| | 13:00 - 13:15 | 164 | | | 75 | 2 | 2 | 1 | 1 | | | | 4 | 243 | 607 | 8.81 |
| | 13:15 - 13:30 | 109 | | | 63 | 3 | 1 | | 1 | | | | 2 | 164 | 672 | 9.76 |
| | 13:30 - 13:45 | 78 | | | 55 | 4 | 1 | 1 | | | | | 2 | 135 | 711 | 10.32 |
| | 13:45 - 14:00 | 72 | | 3 | 32 | 2 | 4 | 2 | | | | | 6 | 113 | 656 | 9.51 |
| | 14:00 - 14:15 | 86 | | | 24 | 3 | 1 | 3 | | | | | 4 | 97 | 509 | 7.39 |
| | 14:15 - 14:30 | 53 | | | 30 | 1 | | 1 | | | | | 1 | 84 | 439 | 6.37 |
| | 14:30 - 14:45 | 70 | 1 | | 46 | 4 | | | 1 | | | | 1 | 118 | 422 | 6.13 |
| | 14:45 - 15:00 | 62 | 1 | 1 | 29 | | 1 | | 1 | | | | 2 | 94 | 403 | 5.85 |
| | 15:00 - 15:15 | 78 | | | 45 | 1 | | 1 | | | | | 1 | 124 | 430 | 6.24 |
| | 15:15 - 15:30 | 74 | | 1 | 28 | | | 1 | | | | | 1 | 104 | 440 | 6.39 |
| | 15:30 - 15:45 | 96 | | | 48 | 1 | | 2 | | | | | 2 | 146 | 468 | 6.79 |
| | 15:45 - 16:00 | 84 | | 1 | 43 | | 1 | | | | | | 1 | 129 | 503 | 7.30 |
| | 16:00 - 16:15 | 75 | | 1 | 38 | 2 | | 1 | | | | | 1 | 115 | 494 | 7.17 |
| | 16:15 - 16:30 | 116 | | | 49 | 3 | | | | | | | 0 | 169 | 553 | 8.03 |
| | 16:30 - 16:45 | 102 | | | 46 | 3 | | 2 | 1 | | | | 3 | 151 | 556 | 8.10 |
| | 16:45 - 17:00 | 97 | | 1 | 56 | 5 | 1 | 1 | | | | | 2 | 156 | 585 | 8.49 |
| | 17:00 - 17:15 | 99 | | 3 | 69 | 4 | 2 | | | | | | 2 | 194 | 634 | 9.20 |
| | 17:15 - 17:30 | 142 | | 1 | 71 | 4 | 1 | 1 | | | | | 2 | 216 | 657 | 9.97 |
| | 17:30 - 17:45 | 122 | | | 110 | 11 | 1 | 2 | | | | | 3 | 235 | 771 | 11.19 |
| | 17:45 - 18:00 | 115 | | | 85 | 3 | | 1 | | | | | 1 | 201 | 816 | 11.85 |
| | 18:00 - 18:15 | 70 | | | 57 | | 1 | | | | | | 1 | 128 | 780 | 11.32 |
| | 18:15 - 18:30 | 62 | | | 55 | 1 | 1 | 1 | | | | | 2 | 119 | 683 | 9.92 |
| | 18:30 - 18:45 | 62 | 1 | | 52 | 1 | | | | | | | 0 | 115 | 563 | 8.17 |
| | 18:45 - 19:00 | 70 | | 2 | 25 | | 1 | | | | | | 1 | 98 | 460 | 6.68 |
| | 19:00 - 19:15 | 67 | 1 | | 51 | 1 | | | | | | | 0 | 119 | 451 | 6.55 |
| | 19:15 - 19:30 | 55 | | | 46 | 1 | | 1 | | | | | 1 | 102 | 434 | 6.30 |
| | 19:30 - 19:45 | 50 | | | 47 | | | 1 | | | | | 1 | 98 | 417 | 6.05 |
| | 19:45 - 20:00 | 45 | 1 | | 42 | | | | | | | | 0 | 88 | 407 | 5.91 |
| | 20:00 - 20:15 | 66 | 1 | | 48 | 3 | | | | | | | 0 | 115 | 403 | 5.85 |
| | 20:15 - 20:30 | 49 | | | 27 | 1 | | 1 | | | | | 1 | 77 | 378 | 5.49 |
| | 20:30 - 20:45 | 57 | | | 22 | | 1 | 1 | | | | | 2 | 81 | 361 | 5.24 |
| | 20:45 - 21:00 | 32 | 1 | | 15 | | | | | | | | 0 | 48 | 321 | 4.66 |
| | 21:00 - 21:15 | 30 | 2 | | 26 | | 1 | | | | | | 1 | 59 | 295 | 3.85 |
| | 21:15 - 21:30 | 39 | | | 11 | | 2 | | | | | | 2 | 52 | 240 | 3.48 |
| | 21:30 - 21:45 | 26 | | | 12 | | 1 | | | | | | 1 | 39 | 196 | 2.87 |
| | 21:45 - 22:00 | 22 | 1 | | 15 | 1 | | | 1 | | | | 1 | 39 | 189 | 2.74 |
| | 22:00 - 22:15 | 17 | 3 | | 12 | | | 2 | 2 | | | | 4 | 36 | 166 | 2.41 |
| | 22:15 - 22:30 | 12 | | | 13 | | | | | | | | 0 | 25 | 139 | 2.02 |
| | 22:30 - 22:45 | 12 | | | 8 | | | | | | | | 0 | 20 | 120 | 1.74 |
| | 22:45 - 23:00 | 9 | | 1 | 11 | | 1 | | | | | | 1 | 22 | 103 | 1.50 |
| | 23:00 - 23:15 | 2 | | | 5 | | | | | | | | 0 | 7 | 74 | 1.07 |
| | 23:15 - 23:30 | 4 | | | 4 | | | | | | | | 0 | 8 | 57 | 0.83 |
| | 23:30 - 23:45 | 6 | | | 10 | | | | | | | | 0 | 16 | 53 | 0.77 |
| | 23:45 - 00:00 | 8 | 1 | | 1 | | | | | | | | 0 | 10 | 41 | 0.60 |
| TOTAL 24 HORAS | | 4016 | 25 | 32 | 2677 | 278 | 54 | 53 | 31 | 0 | 0 | 0 | 138 | 6888 | | |

# VOLUMEN 3. Estudio de Geología para ingeniería

# PROYECTO
# ESTUDIOS Y DISEÑOS PARA EL ANILLO VIAL CIRCUNVALAR, AVENIDA DEL RÍO, VÍAS CONEXAS Y OBRAS COMPLEMENTARIAS DEL MUNICIPIO DE VALLEDUPAR, DEPARTAMENTO DEL CESAR

# VOLUMEN 3. ESTUDIO DE GEOLOGÍA PARA INGENIERÍA Y GEOTECNIA

VERSIÓN PRELIMINAR

**OCTUBRE DE 2024**

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