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| --- | --- | --- |
| **Name** | **Comment** | **Units** |
| Timestamp | The date and time of the beginning of the summary interval. For example, a time of 08:00:00 indicates that the aggregate(s) contain measurements collected between 08:00:00 and 08:04:59. Note that second values are always 0 for five-minute aggregations. The format is MM/DD/YYYY HH24:MI:SS. |  |
| Station | Unique station identifier. Use this value to cross-reference with *Metadata* files. |  |
| District | District # |  |
| Freeway # | Freeway # |  |
| Direction of Travel | N | S | E | W |  |
| Lane Type | A string indicating the type of lane. Possible values (and their meaning are:   * CD (Coll/Dist) * CH (Conventional Highway) * FF (Fwy-Fwy connector) * FR (Off Ramp) * HV (HOV) * ML (Mainline) * OR (On Ramp) |  |
| Station Length | Segment length covered by the station in miles/km. |  |
| Samples | Total number of samples received for all lanes. |  |
| % Observed | Percentage of individual lane points at this location that were observed (e.g. not imputed). | % |
| Total Flow | Sum of flows over the 5-minute period across all lanes. Note that the basic 5-minute rollup normalizes flow by the number of good samples received from the controller. | Veh/5-min |
| Avg Occupancy | Average occupancy across all lanes over the 5-minute period expressed as a decimal number between 0 and 1. | % |
| Avg Speed | Flow-weighted average speed over the 5-minute period across all lanes. If flow is 0, mathematical average of 5-minute station speeds. | Mph |
| Lane N Samples | Number of good samples received for lane N. N ranges from 1 to the number of lanes at the location. |  |
| Lane N Flow | Total flow for lane N over the 5-minute period normalized by the number of good samples. | Veh/5-min |
| Lane N Avg Occ | Average occupancy for lane N expressed as a decimal number between 0 and 1. N ranges from 1 to the number of lanes at the location. | % |
| Lane N Avg Speed | Flow-weighted average of lane N speeds. If flow is 0, mathematical average of 5-minute lane speeds. N ranges from 1 to the number of lanes | Mph |
| Lane N Observed | 1 indicates observed data, 0 indicates imputed. |  |