## WASHINGTON STATE SPEED REPORT

## FIRST QUARTER CALENDAR YEAR 2013



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## EXECUTIVE SUMMARY

The Washington State Speed Report is primarily intended to provide reliable speed data to be used in highway design, speed trend analysis, and collision analysis. The collection method records all vehicles passing over the loop detectors and consists of vehicle volume, classification and speeds. Speed data is collected and reported in five mile per hour increments.

This report is based upon the speed data collected for the First Quarter 2013, January $1^{\text {st }}$ through March $31^{\text {st }}$.
Comparing speed trends for the First quarters of 2010 and 2011 to 2012, the average speed and $85^{\text {th }}$ percentile (definition in Glossary, last page) have remained relatively the same.

The loss of comparative data due to construction activities effected several Permanent Traffic Recorder sites. Data loss from recorders is listed in "Detailed Summary"; the loss may be for a partial quarter, one direction or both directions of travel at a particular location.

If there are questions regarding this report or requesting special speed studies from the Statewide Travel \&
Collision Data Office. Please contact the Travel Reporting, Analysis \& Processing Section at (360) 570-2392, (360)
570-2394 or E-mail_stcdoadc@wsdot.wa.gov


Top Ten Locations with Highest \% of Vehicles Above Posted Speed Limit

| Location ID |  |  |  |  |  | 1st Qtr - 2013 |  |  | 4th Qtr - 2012 |  |  | 3rd Qtr - 2012 |  |  | 2nd Qtr - 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location | SR\# | MP | Site ID | Fed ID | Posted Speed | Rank | \% Above <br> Posted <br> Speed | $\%$ at +5 MPH Above | Rank | \% Above <br> Posted <br> Speed | $\%$ at +5 MPH Above | Rank | \% Above | $\%$ at +5 MPH Above | Rank | \% Above | $\%$ at +5 MPH Above |
| Silverdale | SR-3 | 44.33 | R050 | 63 | 60/60 | 1 | 81.9\% | 34.2\% | 2 | 74.0\% | 27.6\% | 3 | 76.2\% | 29.5\% | 4 | 77.9\% | 30.2\% |
| Richland | SR-240 | 37.20 | R062 | 81 | 60/60 | 2 | 78.8\% | 25.1\% | 1 | 78.4\% | 26.1\% | 2 | 81.8\% | 29.5\% | 1 | 81.4\% | 28.8\% |
| Issaquah WB | I-90 | 14.65 | S825 | 73 | 60/60 | 3 | 74.9\% | 35.4\% | 4 | 72.9\% | 33.1\% | Not Ranked |  |  | 2 | 80.9\% | 40.5\% |
| Lacey | I-5 | 110.03 | R060 | 5 | 60/60 | 4 | 74.0\% | 28.2\% | 3 | 72.9\% | 26.9\% | Not Ranked |  |  | 3 | 78.2\% | 30.6\% |
| Salkum WB | US-12 | 77.78 | R075 | 44 | 55/55 | 5 | 69.3\% | 16.6\% | 5 | 70.8\% | 21.6\% | 5 | 73.6\% | 22.3\% | 7 | 73.0\% | 23.7\% |
| Spangle | US-195 | 87.70 | P15 | 49 | 60/60 | 6 | 68.5\% | 16.3\% | 7 | 66.7\% | 16.1\% | 4 | 73.7\% | 19.5\% | 6 | 74.4\% | 18.9\% |
| Chattaroy | US-2 | 301.40 | P28 | 48 | 60/60 | 7 | 68.0\% | 18.4\% | 6 | 70.0\% | 18.5\% | Not Ranked |  |  | 5 | 75.6\% | 20.7\% |
| Fife | I-5 | 136.80 | S837 | 67 | 60/60 | 8 | 66.4\% | 27.4\% | 8 | 62.6\% | 25.2\% | 10 | 66.0\% | 28.1\% | 9 | 68.3\% | 29.7\% |
| Othello | SR-17 | 30.37 | R020 | 25 | 60/60 | 9 | 65.6\% | 15.4\% | 10 | 61.2\% | 14.3\% | 7 | 66.7\% | 14.0\% | 8 | 68.7\% | 15.1\% |
| Mill Plain | I-205 | 29.34 | R051 | 36 | 60/60 | 10 | 63.2\% | 25.4\% | Not Ranked |  |  | Not Ranked |  |  | Not Ranked |  |  |



Top Ten Locations with Highest Volume of Vehicles Traveling Greater than 90 MPH

| Location ID |  |  |  |  |  | 1st Qtr - 2013 |  |  | 4th Qtr - 2012 |  |  | 3rd Qtr - 2012 |  |  | 2rd Qtr - 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location | SR\# | MP | Site ID | Fed ID | Posted Speed | Rank | 90+MPH | \% of Total <br> Observed | Rank | 90+MPH | \% of Total <br> Observed | Rank | 90+MPH | \% of Total Observed | Rank | 90+MPH | \% of Total Observed |
| Preston | I-90 | 23.54 | S826 | 60 | 70/60 | 1 | 4,569 | 0.13\% | 4 | 2,193 | 0.11\% | 4 | 3,295 | 0.18\% | Not Ranked |  |  |
| Grand Mound | I-5 | 85.57 | R019 | 65 | 70/60 | 2 | 3,100 | 0.07\% | 3 | 3,052 | 0.07\% | 2 | 4,558 | 0.09\% | 2 | 4,530 | 0.09\% |
| Woodland | I-5 | 20.14 | R045 | 64 | 70/60 | 3 | 2,829 | 0.07\% | 2 | 3,128 | 0.07\% | Not Ranked |  |  | 4 | 3,101 | 0.06\% |
| Marysville | I-5 | 207.76 | R001 | 58 | 70/60 | 4 | 2,773 | 0.05\% | 5 | 1,988 | 0.05\% | 5 | 2,542 | 0.06\% | Not Ranked |  |  |
| Midway SB | I-5 | 148.07 | S809S | 68 | 60/60 | 5 | 2,512 | 0.03\% | Not Ranked |  |  | Not Ranked |  |  | 6 | 1,944 | 0.03\% |
| Pasco/l-182 | I-182 | 6.34 | R081 | 35 | 70/60 | 6 | 2,473 | 0.07\% | 1 | 3,387 | 0.07\% | 3 | 4,208 | 0.09\% | 3 | 4,247 | 0.09\% |
| Mill Plain | I-205 | 29.34 | R051 | 36 | 60/60 | 7 | 2,004 | 0.02\% | Not Ranked |  |  | Not Ranked |  |  | Not Ranked |  |  |
| Fife | I-5 | 136.80 | S837 | 67 | 60/60 | 8 | 1,864 | 0.01\% | 6 | 1,697 | 0.01\% | 6 | 2,177 | 0.01\% | 5 | 2,165 | 0.02\% |
| Richland | SR-240 | 37.20 | R062 | 81 | 60/60 | 9 | 1,359 | 0.02\% | 8 | 1,557 | 0.02\% | 9 | 1,814 | 0.03\% | 7 | 1,855 | 0.03\% |
| Everett/Pacific | I-5 | 193.29 | R082 | 15 | 60/60 | 10 | 1,261 | 0.01\% | Not Ranked |  |  | 7 | 2,052 | 0.01\% | 8 | 1,814 | 0.01\% |



Top Ten Locations with Highest \% of Total Vehicles Traveling Greater than 90 MPH

| Location ID |  |  |  |  |  | 1st Qtr - 2013 |  |  | 4th Qtr - 2012 |  |  | 3rd Qtr - 2012 |  |  | 2nd Qtr - 2012 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location | SR\# | MP | Site ID | Fed ID | Posted <br> Speed | Rank | \% 90+ MPH | Total Veh Observed | Rank | $\begin{aligned} & \text { \% 90+ } \\ & \text { MPH } \end{aligned}$ | Total Veh Observed | Rank | \% 90+ <br> MPH | Total Veh Observed | Rank | \% 90+ <br> MPH | Total Veh Observed |
| Coulee City | US-2 | 179.10 | P02 | 40 | 65/60 | 1 | 0.21\% | 27,524 | 1 | 0.20\% | 40,344 | 1 | 0.23\% | 93,653 | 1 | 0.21\% | 67,969 |
| Preston | I-90 | 23.54 | S826 | 60 | 70/60 | 2 | 0.13\% | 3,571,244 | 2 | 0.11\% | 2,010,393 | 2 | 0.18\% | 1,813,137 | Not Ranked |  |  |
| Moses Lake | I-90 | 180.33 | R055 | 74 | 70/60 | 3 | 0.10\% | 677,868 | 3 | 0.10\% | 838,160 | 3 | 0.13\% | 1,241,559 | 2 | 0.11\% | 1,022,570 |
| Eltopia | US-395 | 38.21 | R061 | 47 | 70/60 | 4 | 0.09\% | 827,143 | 4 | 0.09\% | 1,160,169 | 4 | 0.11\% | 1,460,475 | 3 | 0.09\% | 1,277,177 |
| Ritzville \#1 | I-90 | 218.83 | P10 | 59 | 70/60 | 5 | 0.08\% | 665,513 | 5 | 0.07\% | 777,683 | 5 | 0.10\% | 1,189,053 | 7 | 0.08\% | 940,446 |
| Grand Mound | I-5 | 85.57 | R019 | 65 | 70/60 | 6 | 0.07\% | 4,485,596 | 9 | 0.07\% | 4,695,360 | 10 | 0.09\% | 5,353,467 | 6 | 0.09\% | 5,212,811 |
| Woodland | I-5 | 20.14 | R045 | 64 | 70/60 | 7 | 0.07\% | 4,136,290 | 8 | 0.07\% | 4,804,068 | Not Ranked |  |  | Not Ranked |  |  |
| Pasco/l-182 | I-182 | 6.34 | R081 | 35 | 70/60 | 8 | 0.07\% | 3,675,965 | 7 | 0.07\% | 5,014,027 | 8 | 0.09\% | 4,872,391 | 5 | 0.09\% | 4,763,886 |
| Plymouth | I-82 | 121.20 | P09 | 62 | 70/60 | 9 | 0.06\% | 1,206,321 | 6 | 0.07\% | 1,235,383 | 6 | 0.10\% | 1,771,568 | 4 | 0.09\% | 1,546,326 |
| Ritzville \#2 | US-395 | 93.01 | P7C | 89 | 70/60 | 10 | 0.06\% | 504,396 | 10 | 0.06\% | 373,435 | 9 | 0.09\% | 708,257 | 8 | 0.07\% | 696,109 |



| Location ID |  |  |  |  |  | 1st Qtr - 2013 |  | 4th Qtr - 2012 |  | 3rd Qtr - 2012 |  | 2nd Qtr - 2012 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location | SR\# | MP | Site ID | Fed ID | Speed | Rank | Avg Speed | Rank | Avg Speed | Rank | Avg Speed | Rank | Avg Speed |
| Silverdale | SR-3 | 44.33 | R050 | 63 | 60/60 | 1 | 63.4 | 3 | 62.5 | 3 | 62.75 | 3 | 62.9 |
| Richland | SR-240 | 37.2 | R062 | 81 | 60/60 | 2 | 62.7 | 1 | 62.7 | 2 | 63.2 | 2 | 63.1 |
| Othello East | SR-26 | 43.06 | R066 | 82 | 60/60 | 3 | 62.7 | 2 | 62.5 | 4 | 62.7 | 4 | 62.8 |
| Lacey | I-5 | 110.30 | R060 | 5 | 60/60 | 4 | 62.5 | 4 | 62.3 | Not Ranked |  | 5 | 62.8 |
| Issaquah WB | 1-90 | 14.65 | S825 | 73 | 60/60 | 5 | 62.1 | 5 | 61.8 | 1 | 63.76 | 1 | 63.4 |
| Chattaroy | US-2 | 301.40 | P28 | 48 | 60/60 | 6 | 61.3 | 6 | 61.5 | Not Ranked |  | 6 | 62.1 |
| Spangle | US-195 | 87.70 | P15 | 49 | 60/60 | 7 | 61.3 | 7 | 61.1 | 5 | 62.0 | 7 | 62.0 |
| Mill Plain | I-205 | 29.34 | R051 | 36 | 60/60 | 8 | 61.1 | 10 | 60.3 | 6 | 61.7 | 8 | 61.3 |
| Othello | SR 17 | 30.37 | R020 | 25 | 60/60 | 9 | 60.8 | Not Ranked |  | Not Ranked |  | Not Ranked |  |
| Spokane/Sprague Ave | I-90 | 285.23 | R036 | 34 | 60/60 | 10 | 60.5 | 8 | 60.7 | 8 | 61.3 | 9 | 61.2 |



Top Ten Locations with Highest Average Speed for Posted 70 MPH Highways

| Location ID |  |  |  |  |  | 1st Qtr 2013 |  | 4th Qtr 2012 |  | 3rd Qtr 2012 |  | 2nd Qtr 2012 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location | SR\# | MP | Site ID | Fed ID | Speed | Rank | Avg Speed | Rank | Avg Speed | Rank | Avg Speed | Rank | Avg Speed |
| Preston | I-90 | 23.54 | S826 | 60 | 70/60 | 1 | 70.3 | Not Ranked |  | Not Ranked |  | Not Ranked |  |
| Stateline | I-90 | 298.40 | P24 | 76 | 70/60 | 2 | 70.1 | 4 | 69.6 | 4 | 70.4 | 4 | 70.3 |
| Ritzville \#1 | I-90 | 218.83 | P10 | 59 | 70/60 | 3 | 70.1 | 1 | 70.3 | 1 | 71.4 | 1 | 70.8 |
| Moses Lake | I-90 | 180.33 | R055 | 74 | 70/60 | 4 | 69.9 | 2 | 70.1 | 2 | 71.1 | 2 | 70.7 |
| Eltopia | US-395 | 38.21 | R061 | 47 | 70/60 | 5 | 69.7 | 3 | 69.7 | 7 | 69.9 | 8 | 69.7 |
| Woodland | I-5 | 20.14 | R045 | 64 | 70/60 | 6 | 69.5 | 6 | 69.1 | Not Ranked |  | Not Ranked |  |
| Tyler/Fishtrap | 1-90 | 254.38 | R014 | 75 | 70/60 | 7 | 69.5 | 5 | 69.6 | 3 | 70.9 | 3 | 70.4 |
| Grand Mound | 1-5 | 85.57 | R019 | 65 | 70/60 | 8 | 69.5 | 9 | 69.1 | 8 | 69.8 | 5 | 69.9 |
| Pasco/l-182 | 1-182 | 6.34 | R081 | 35 | 70/60 | 9 | 69.4 | 10 | 69.1 | 10 | 69.5 | 9 | 69.4 |
| Buena | I-82 | 48.50 | P08 | 72 | 70/60 | 10 | 69.4 | 8 | 69.1 | 6 | 69.9 | 6 | 69.9 |



Top Ten Locations with Highest 85th Percentile for Posted 60 MPH Highways

| Location ID |  |  |  |  |  | 1st Qtr 2013 |  | 4th Qtr 2012 |  | 3rd Qtr 2012 |  | 2nd Qtr 2012 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location | SR\# | MP | Site ID | Fed ID | Posted Speed | Rank | 85th Percentile | Rank | 85th Percentile | Rank | 85th <br> Percentile | Rank | 85th <br> Percentile |
| Issaquah WB | I-90 | 14.65 | S825 | 73 | 60/60 | 1 | 68.9 | 1 | 68.7 | 1 | 69.4 | 1 | 69.2 |
| Othello East | SR-26 | 43.06 | R066 | 82 | 60/60 | 2 | 68.6 | 2 | 68.6 | 2 | 68.7 | 2 | 68.7 |
| Silverdale | SR-3 | 44.33 | R050 | 63 | 60/60 | 3 | 68.6 | 4 | 67.9 | 5 | 68.2 | 5 | 68.3 |
| Lacey | I-5 | 110.03 | R060 | 5 | 60/60 | 4 | 68.2 | 3 | 68.0 | Not Ranked |  | 3 | 68.5 |
| Fife | 1-5 | 136.80 | S837 | 67 | 60/60 | 5 | 68.0 | 6 | 67.8 | 4 | 68.2 | 4 | 68.3 |
| Tacoma/48th St | 1-5 | 131.18 | R034 | 66 | 60/61 | 6 | 68.0 | Not Ranked |  | Not Ranked |  | Not Ranked |  |
| Mill Plain SB | I-205 | 29.34 | R051 | 36 | 60/60 | 7 | 67.9 | 9 | 66.5 | 7 | 67.7 | 10 | 67.3 |
| Richland | SR-240 | 37.20 | R062 | 81 | 60/60 | 8 | 67.8 | 5 | 67.9 | 3 | 68.3 | 6 | 68.2 |
| Midway SB | I-5 | 148.07 | S809S | 68 | 60/60 | 9 | 67.1 | Not Ranked |  | 6 | 68.0 | 7 | 67.6 |
| Everett/Pacific | I-5 | 193.29 | R082 | 15 | 60/60 | 10 | 66.8 | 8 | 66.6 | 8 | 67.5 | 8 | 67.5 |



Top Ten Locations with Highest 85th Percentile for Posted 70 MPH Highways

| Location ID |  |  |  |  |  | 1st Qtr 2013 |  | 4th Qtr 2012 |  | 3rd Qtr 2012 |  | 2nd Qtr 2012 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Location | SR\# | MP | Site ID | Fed ID | Posted Speed | Rank | 85th Percentile | Rank | 85th Percentile | Rank | 85th Percentile | Rank | 85th Percentile |
| Preston | I-90 | 23.54 | S826 | 60 | 70/60 | 1 | 76.8 | Not Ranked |  | 9 | 75.8 | Not Ranked |  |
| Woodland | 1-5 | 20.14 | R045 | 64 | 70/60 | 2 | 76.3 | 4 | 75.7 | Not Ranked |  | 10 | 75.1 |
| Stateline | I-90 | 298.40 | P24 | 76 | 70/60 | 3 | 76.3 | 7 | 75.5 | 6 | 76.4 | 4 | 76.3 |
| Moses Lake | I-90 | 180.33 | R055 | 74 | 70/60 | 4 | 76.2 | 3 | 76.4 | 1 | 77.7 | 1 | 77.1 |
| Tyler/Fishtrap | I-90 | 254.38 | R014 | 75 | 70/60 | 5 | 76.2 | 2 | 76.4 | 3 | 77.5 | 2 | 76.9 |
| Ritzville \#1 | 1-90 | 218.83 | P10 | 59 | 70/60 | 6 | 76.0 | 1 | 76.5 | 2 | 77.6 | 3 | 76.8 |
| Grand Mound | I-5 | 85.57 | R019 | 65 | 70/60 | 7 | 75.8 | 9 | 75.3 | 7 | 76.2 | 5 | 76.2 |
| Eltopia | US-395 | 38.21 | R061 | 47 | 70/60 | 8 | 75.6 | 5 | 75.6 | 8 | 76.0 | 8 | 75.8 |
| Plymouth | I-82 | 121.20 | P09 | 62 | 70/60 | 9 | 75.5 | 6 | 75.5 | 5 | 76.5 | 6 | 76.1 |
| Ritzville \#2 | US 395 | 93.01 | P7C | 89 | 70/60 | 10 | 75.3 | 8 | 75.4 | 4 | 76.7 | 7 | 75.8 |

## 2013 WSDOT SPEED SITES SUMMARIZED BY HIGHWAY TYPE

In summary, the VOLUME of Vehicles Observed / ABOVE Posted Speed Limit for 1st Quarter 2013:

| POSTED SPEED LIMIT | VOLUME OBSERVED | \# ABOVE | \% ABOVE POSTED SPEED |
| :---: | :---: | :---: | :---: |
| 70 MPH Non-interstate highways == | 2,501,738 | 1,317,026 | 52.6\% |
| 70 MPH Interstate highways == | 36,871,709 | 18,004,582 | 48.8\% |
| 65 MPH Non-Interstate highways == | 205,448 | 72,475 | 35.3\% |
| 60 MPH Non-interstate highways == | 13,766,748 | 9,681,743 | 70.3\% |
| 60 MPH Interstate highways == | 107,664,078 | 62,314,789 | 57.9\% |

Please see: \# of Vehicles Observed / \# of Vehicles Above Posted Speed $20131^{\text {st }}$ Quarter Graph

In summary, the AVERAGE SPEED of Vehicles Observed / $85^{T H}$ PERCENTILE of Vehicles Observed for 1st Quarter 2013

| POSTED SPEED LIMIT | AVERAGE SPEED | 85 ${ }^{\text {TH }}$ PERCENTILE |
| :---: | :---: | :---: |
| 70 MPH Non-interstate highways == | 69 MPH | 75 MPH |
| 70 MPH Interstate highways == | 69 MPH | 75 MPH |
| 65 MPH Non-interstate highways == | 61 MPH | 69 MPH |
| 60 MPH Non-interstate highways == | 60 MPH | 65 MPH |
| 60 MPH Interstate highways == | 60 MPH | 67 MPH |

Speeds in this table have been rounded to the next number.
Please see: Average Speed / 85 ${ }^{\text {th }}$ Percentile $20131^{\text {st }}$ Quarter Graph

For individual site data, please contact the Automated Data Collection \& Processing Office at the Statewide Travel \& Collision Data Office (360-570-2392) or E-mail a request to stcdoadc@wsdot.wa.gov.

## Detailed Summary

This report is based upon the speed data collected for the First Quarter 2013, January $1^{\text {st }}$ through March $31^{\text {st }}$.
The report reflects 47 permanent traffic recorder locations, throughout the state. This quarter 46 of the 47 speed sites collected \& reported data.

Comparing speed trends for the First quarters of 2010 and 2011 to 2012, the average speed and $85^{\text {th }}$ percentile (definition in Glossary, last page) have remained relatively the same.

When comparing state averages, some individual PTR/WIM (Permanent Traffic Recorder/Weigh-In-Motion) sites tend to have higher percentages of vehicles traveling faster than the posted speed. For example; the PTR near Silverdale on SR-3 recorded $81.9 \%$ of the vehicles observed above the posted speed and $34.2 \%$ of the vehicles were traveling at least 5 mph greater than the posted speed. The Average Speed at this location was 3.4 mph above the posted speed and the $85^{\text {th }}$ percentile was 8.6 mph above.

The site with the highest vehicle count traveling above 90 mph was Preston at mile post 23.54 on I-90. The site recorded 4,569 vehicles exceeding 90 mph , (daily average of 51 vehicles.) Although, the 4,569 vehicles is only $0.13 \%$ of the total vehicles observed, this equates to 13 of every 10,000 vehicles during the three-month period.

The loss of comparative data due to construction activities affected one Permanent Traffic Recorder site. Data loss from recorders is listed in "Detailed Summary"; the loss may be for a partial quarter, one direction or both directions of travel at a particular location.

Please note: the current collection systems used at PTR/WIM locations reflect all vehicle types observed. Emergency and enforcement vehicles may influence the statistic being reported, especially in the locations with the highest volume of vehicles traveling greater than 90 miles per hour as reported in the Top Ten Section of this report. All speed data is represented by main line traffic, ramps are not included.

## Detailed Summary Continued

Average Speed

## Posted 60 MPH Highways

Permanent Traffic Recorder \# R050, Silverdale on SR 3 at mile post 44.33
Ranked \#1 for Average Speed, $63.4 \mathrm{mph}, 3.4 \mathrm{mph}$ above the posted speed
Ranked \#1 for Highest \% of Vehicles Above Posted Speed Limit - 81.9\%

## Posted 70 MPH Highways

Permanent Traffic Recorder \# S826, Preston on I-90 at mile post 23.54
Ranked \#1 for Average Speed, $70.3 \mathrm{mph}, 0.3 \mathrm{mph}$ above the posted speed
Ranked \#1 for Highest \% of Total Vehicles Traveling Greater than 90-0.13\%
85 ${ }^{\text {th }}$ Percentile

## Posted 60 MPH Highways

Permanent Traffic Recorder \# S825, Issaquah WB on I-90 at mile post 14.65
Ranked \#1 for $85^{\text {th }}$ Percentile -68.9 , 8.9 mph above the posted speed

## Posted 70 MPH Highways

Permanent Traffic Recorder \# S826, Preston on I-90 at mile post 23.54
Ranked \#1 for $85^{\text {th }}$ Percentile $-76.8 \mathrm{mph}, 6.8 \mathrm{mph}$ above the posted speed

## Detailed Summary Continued

In comparing the First quarters from 2011 \& 2012 to 2013, the average speed and the $85^{\text {th }}$ Percentile has remained relatively the same on all highways with only slight variations.

| HIGHWAY TYPE | AVG SPEED |  |  | 85 ${ }^{\text {114 }}$ PERCENTILE |  |  | ABOVE THE POSTED SPEED |  |  | NUMBER OF SITES REPORTING DATA |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2012 | 2013 | 2011 | 2012 |  |  |  |  | 2011 |  |  |
| $\begin{gathered} 60 \mathrm{MPH} \\ \text { INTERSTATE } \end{gathered}$ | 59MPH | 60MPH | 60MPH | 66MPH | 66MPH | 67MPH | 55.6\% | 53.9\% | 57.9\% | 11 of 13 | 11 OF 12 | 12 of 13 |
| $\begin{aligned} & 60 \text { MPH NON- } \\ & \text { INTERSTATE } \end{aligned}$ | 60MPH | 59MPH | 60MPH | 65MPH | 65MPH | 65MPH | 68.5\% | 68.3\% | 70.3\% | 14 of 14 | 14 OF 14 | 14 OF 14 |
| 65 MPH | 61 MPH | 61MPH | 61MPH | 69MPH | 69 MPH | 69MPH | 28.7\% | 29.3\% | 35.3\% | 3 of 3 | 3 OF 3 | 3 OF 3 |
| $\begin{gathered} 70 \mathrm{MPH} \\ \text { INTERSTATE } \end{gathered}$ | 69MPH | 68MPH | 69MPH | 75MPH | 75MPH | 76MPH | 45.3\% | 46.9\% | 48.8\% | 11 of 13 | 14 OF 14 | 14 OF 14 |
| $\begin{aligned} & 70 \mathrm{MPH} \text { NON- } \\ & \hline \text { INTERSTATE } \end{aligned}$ | 69MPH | 69MPH | 69MPH | 75MPH | 75MPH | 75MPH | 53.0\% | 53.1\% | 52.6\% | 3 of 3 | 3 OF 3 | 3 OF 3 |

Special Note: Volumes of vehicles change quarter to quarter due to sites not collecting caused by construction, equipment failure and weather related conditions. Individual sites may vary from state averages due to these same types of problems.

## Detailed Summary Continued

| SITES WITH DATA MISSING THIS QUARTER |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PTR/WIM |  |  |  | SPEED | HIGHWAY |  |
| FED \# | SITE | SITE NAME | SR ID | MP | LIMIT | TYPE | COMMENT |
| 22 | R037 | Winthrop | SR-020 | 191.9 | 60/60 | Non-Interstate | No Data-Jan \& Feb Westbound |
| 34 | R036 | Spokane/Sprague Ave | I-90 | 285.0 | 60/60 | Interstate | No Data- Jan Westbound |
| 35 | R081 | Pasco | I-182 | 6.34 | 70/60 | Interstate | No Data-Feb Eastbound |
| 49 | P15 | Spangle | US-195 | 87.7 | 60/60 | Non-Interstate | No Data - Jan Southbound |
| 58 | R001 | Marysville | I-5 | 207.78 | 70/60 | Interstate | No Data - Jan Southbound |
| 60 | S826 | Preston | 1-90 | 23.54 | 70/70 | Interstate | No Data - Jan Westbound |
| 61 | P29 | Yakima | I-82 | 34.02 | 60/60 | Interstate | No Data - Jan Feb \& Mar - under construction |
| 63 | R050 | Silverdale | SR-003 | 44.33 | 60/60 | Non-Interstate | No Data - Jan \& Feb Southbound |
| 66 | R034 | Tacoma/48 ${ }^{\text {th }}$ St | I-5 | 131.18 | 60/60 | Interstate | No Data - Jan and Feb |
| 73 | S825 | Issaquah | I-90 | 14.65 | 60/60 | Interstate | No Data - Jan Feb \& Mar Eastbound |
| 80 | R077 | Stonehenge | SR 14 | 102.27 | 65/60 | Non-Interstate | No Data - Jan and Feb |
| 85 | P14 | Pullman | US 195 | 22.20 | 60/60 | Non-Interstate | No Data - Feb |
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                                    # of Vehicles Observed/# of Vehicles Above Posted Speed
70 MPH Non-Interstate Highway
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        2,501,738
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    1,317,026
    70 MPH Interstate Highway
36,871,709
    18,004,582
    6 5 \text { MPH Non-Interstate Highway}
205,448
72,475
    60 MPH Non-Interstate Highway
        13,766,748
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            9,681,743
60 MPH Interstate Highway
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- Total Vehicles Observed

■ \# of Vehicles Above Posted Speed Limit

```
205,448
72,475
60 MPH Non-Interstate Highway
13,766,748
9,681,743

\section*{AVERAGE SPEED / 85TH PERCENTILE}


\title{
SPEED SITE INFORMATIONAL REPORT
}

Strategic Planning Division

Washington State
Department of Transportation
\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{11}{|l|}{FEDERAL} \\
\hline SITE & & STATE & MILE & SPEED & & & & & & WSDOT \\
\hline NUMBER & PTR/WIM SITE \# & ROUTE & POST & LIMIT & FC & NHS & LOCATION & DIRECTION & \#LANES & REGION \\
\hline 5 & PTR-R060 & I-5 & 111.01 & 60/60 & U-5 & 1 & LACEY & North / South & 3-3 & OR \\
\hline 13 & PTR-S824 & I-405 & 28.99 & 60/60 & U-5 & 1 & BOTHELL & North / South & 3-4 & NWR \\
\hline 15 & PTR-R082 & I-5 & 193.29 & 60/60 & U-5 & 1 & EVERETT / PACIFIC & North / South & 5-5 & NWR \\
\hline 18 & No Longer Reported & & & & & & & & & \\
\hline 21 & PTR-R048 & I-82 & 24.83 & 70/60 & R-5 & 1 & SELAH & Westbound & 2 & SCR \\
\hline 22 & PTR-R037 & SR-020 & 191.90 & 60/60 & R-2 & 6 & WINTHROP & East / West & 1-1 & NCR \\
\hline 23 & No Longer Reported & & & & & & & & & \\
\hline 25 & PTR-R020 & SR-017 & 30.37 & 60/60 & R-1 & 6 & OTHELLO & North / South & 1-1 & NCR \\
\hline 26 & No Longer Reported & & & & & & & & & \\
\hline 34 & PTR-R036 & I-90 & 285.24 & 60/60 & U-5 & 1 & SPOKANE / SPRAGUE AVE & East / West & 3-3 & ER \\
\hline 35 & PTR-R081 & I-182 & 6.34 & 70/60 & U-5 & 1 & PASCO/SR 181 & East / West & 3-3 & SCR \\
\hline 36 & PTR-R051 & I-205 & 28.84 & 60/60 & U-5 & 1 & MILL PLAIN & Southbound & 3 & SWR \\
\hline 40 & PTR-P02 & US-002 & 179.10 & 65/60 & R-1 & 5 & COULEE CITY & East / West & 1-1 & NCR \\
\hline 41 & PTR-P11 & US-97 & 250.35 & 60/60 & R-1 & 5 & PATEROS & North / South & 1-1 & NCR \\
\hline 43 & PTR-R041 & US-97 & 13.41 & 60/60 & R-1 & 5 & GOLDENDALE & North / South & 1-1 & SWR \\
\hline 44 & PTR-R75 & US-12 & 77.78 & 55/55 & R-1 & 5 & SALKUM & East / West & 1-2 & SWR \\
\hline 47 & PTR-R061 & US-395 & 36.24 & 70/60 & R-1 & 2 & ELTOPIA & North / South & 2-2 & SCR \\
\hline 48 & WIM-P28 & US-2 & 301.40 & 60/60 & R-1 & 2 & CHATTAROY & East / West & 2-2 & ER \\
\hline 49 & WIM-P15 & US-195 & 87.70 & 60/60 & R-1 & 5 & SPANGLE & North / South & 2-2 & ER \\
\hline 56 & WIM-P17 & SR-221 & 13.10 & 65/60 & R-2 & 6 & PROSSER & North / South & 1-1 & SCR \\
\hline 57 & PTR-B04 & I-90 & 82.70 & 70/60 & R-5 & 1 & CLE ELUM & East / West & 2-2 & SCR \\
\hline 58 & PTR-R001 & I-5 & 207.78 & 70/60 & R-5 & 1 & MARYSVILLE & North / South & 3-3 & NWR \\
\hline 59 & WIM-P10 & I-90 & 218.83 & 70/60 & R-5 & 1 & RITZVILLE \#1 & East / West & 2-2 & ER \\
\hline 60 & PTR-S826 & I-90 & 23.54 & 70/60 & R-5 & 1 & PRESTON & East / West & 4-3 & NWR \\
\hline 61 & WIM-P29 & I-82 & 34.02 & 60/60 & U-5 & 1 & YAKIMA & East / West & 2-2 & SCR \\
\hline 62 & WIM-P09 & I-82 & 121.20 & 70/60 & R-5 & 1 & PLYMOUTH & East / West & 2-2 & SCR \\
\hline 63 & PTR-R050 & SR-003 & 44.33 & 60/60 & U-1 & 4 & SILVERDALE & North / South & 2-2 & OR \\
\hline 64 & PTR-R045 & I-5 & 20.14 & 70/60 & R-5 & 1 & WOODLAND & North / South & 3-3 & SWR \\
\hline 65 & PTR-R019 & I-5 & 86.32 & 60/60 & R-5 & 1 & GRAND MOUND & North / South & 2-2 & OR \\
\hline 66 & PTR-R034 & I-5 & 131.18 & 60/60 & U-5 & 1 & TACOMA / 48TH ST & North / South & 4-4 & OR \\
\hline 67 & PTR-S837 & I-5 & 136.80 & 60/60 & U-5 & 1 & FIFE & North / South & 4-4 & OR \\
\hline 68 & PTR-S809 & I-5 & 148.07 & 60/60 & U-5 & 1 & MIDWAY & Southbound & 5 & NWR \\
\hline
\end{tabular}

\title{
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
}

\section*{SPEED SITE INFORMATIONAL REPORT}

STRATEGIC PLANNING DIVISION
STATEWIDE TRAVEL \& COLLISION DATA OFFICE
TRAVEL DATA \& ANALYSIS BRANCH

\begin{tabular}{|c|c|c|c|c|c|}
\hline PTR = & \multicolumn{2}{|l|}{Permanent Traffic Recorder Site} & National Highway System Routes & \multicolumn{2}{|l|}{WSDOT Regions} \\
\hline WIM = & Weigh-In-Motio & Site & 1- Interstate Route & OR & Olympic Region \\
\hline SPEED LIMIT= & CARS / TRUCKS & & 2- Congressional High Priority Route & NWR & Northwest Region \\
\hline \(F C=\) & State Function & Classification & 3-Strategic Highway (STRAHNET) & SWR & Southwest Region \\
\hline & of Speed Sites & & 4- Major Strategic Highway Connector & NCR & North Central Region \\
\hline & R5 or U5 & Rural or Urban Interstate & 5- Other NHS Routes & SCR & South Central Region \\
\hline & R1 & Rural Principal Arterial & 6 - Other State Highways & ER & Eastern Region \\
\hline & R2 or R3 & Rural Minor Arterial/Rural & & & \\
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\section*{WASHINGTON STATE DEPARTMENT OF TRANSPORTATION}

\section*{STRATEGIC PLANNING DIVIIION}

STATEWIDE TRAVEL and COLLIIION DATA OFFICE
QUARTERLY SPEED REPORT FOR CALENDAR YEAR 2013
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STRATEGIC PLANNING DIVIIION
STATEWIDE TRAVEL and COLLISION DATA OFFICE
QUARTERLY SPEED REPORT FOR CALENDAR YEAR 2013
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\section*{GLOSSARY}


\section*{Americans with Disabilities Act (ADA) Information}

Materials can be provided in alternative formats: large print, Braille, cassette tape, or on computer disk for people with disabilities by calling the Office of Equal Opportunity (OEO) at 360-705-7097. Persons who are deaf or hard of hearing may contact OEO through the Washington Relay Service at 7-1-1.

\section*{Title VI Statement to Public}

WSDOT ensures full compliance with Title VI of the Civil Rights Act of 1964 by prohibiting discrimination against any person on the basis of race, color, national origin or sex in the provision of benefits and services resulting from its federally assisted programs and activities. For questions regarding WSDOT's Title VI Program, you may contact the Department's Title VI Coordinator at 360-705-7098 or 509-324-6018.```

