



Idaho Transportation Department

Presented By:

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Roadway Data Manager

Permanent Sites

Number of permanent sites that collect speed data

- 34 sites collect individual vehicle data
- 92 sites collect binned data
- 24 WIM sites collect individual vehicle data

Speed Data Collection

- Data is collected by lane in 15 minute increments
- Speed by vehicle type can be reported from the sites that collect individual vehicle data
- The other speed sites collect data in 13 speed bins.

Idaho Speed Reports

Idaho Transportation Department
Monthly Vehicle Speed Report
January 2008

County: See Page
District: 02
Ascending Direction: North
Speed Limit: 65

Station # 006
Route: US-96
Segment Code and Milepost: 001540 305.100
0.6 Miles West of Jct US-12 (Lewiston)

Direction	Ascending	Descending	Total	Average Daily Volume and Percentage				Day Total
				Volume	%	Volume	%	
				613	8.4%	613	8.4%	4304
				613	8.4%	613	8.4%	4304

Direction	Ascending	Descending	Total	Average Daily Volume by Speed				Day Total
				65-70	70-75	75-80	80-100	
				200	46	4	2	4304
				200	46	4	2	4304

Creation Date: 9/22/2008 8:05:15



Vehicle Speed by Lane
(see reverse)
For Month: January 2008
Blaine County
Station 079 - Downey

Speed Bin	NB Driving		NB Pass 1		SB Pass 1		Total	
	Lane Count	Lane %	Lane Count	Lane %	Lane Count	Lane %	Lane Count	Lane %
0 to 20	23	0.00%	26	2	0.00%	25	34	0.01%
20 to 30	40	0.00%	30	1	0.00%	34	4	0.00%
30 to 40	130	0.00%	37	10	0.01%	37	4	0.00%
40 to 45	212	0.04%	42	8	0.02%	42	6	0.01%
45 to 50	659	0.08%	47	24	0.02%	49	20	0.01%
50 to 55	1408	0.17%	52	73	0.06%	52	49	0.03%
55 to 60	2750	0.34%	57	119	0.09%	57	90	0.06%
60 to 65	5987	0.74%	63	287	0.22%	62	330	0.24%
65 to 70	10713	1.33%	67	581	0.44%	67	739	0.54%
70 to 75	19143	2.38%	70	1744	1.31%	72	2268	1.68%
75 to 80	29596	3.70%	77	5291	4.04%	77	6720	4.92%
80 to 85	70779	8.86%	82	3804	2.94%	82	3490	2.54%
85 to 140+	10582	0.13%	87	1104	0.87%	87	749	0.05%
Total by Lane	80541	41.00%	71.4	13024	7.00%	78.04	14560	8.86%
Total by Direction	83675	49.00%	72.27	63675	49.00%	72.27	86496	51.00%
50th Percentile	72.2		78.67		78.16		72.23	
85th Percentile	78.64		82.83		82.45		78.63	

NOTE:

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Monthly Speed
Summary
For Month: January 2008
Blaine County
Station 079 - Downey

Speed Bin	NB	SP1	SP2	SD	N	S	T
Speed 85th Percentile	73.94	83.63	82.45	78.81	78.87	79.20	78.51
Speed 80th Percentile	72.20	78.67	78.78	72.21	73.57	73.20	73.21
Speed 75th Percentile	71.00	75.00	75.00	71.24	71.24	71.20	71.80
Speed 70th Percentile	67.00	67.00	67.00	67.00	67.00	67.00	67.00
Speed 65th Percentile	63.00	63.00	63.00	63.00	63.00	63.00	63.00
Speed 60th Percentile	60.00	60.00	60.00	60.00	60.00	60.00	60.00
Speed 55th Percentile	57.00	57.00	57.00	57.00	57.00	57.00	57.00
Speed 50th Percentile	54.00	54.00	54.00	54.00	54.00	54.00	54.00
Speed 45th Percentile	51.00	51.00	51.00	51.00	51.00	51.00	51.00
Speed 40th Percentile	48.00	48.00	48.00	48.00	48.00	48.00	48.00
Speed 35th Percentile	45.00	45.00	45.00	45.00	45.00	45.00	45.00
Speed 30th Percentile	42.00	42.00	42.00	42.00	42.00	42.00	42.00
Speed 25th Percentile	39.00	39.00	39.00	39.00	39.00	39.00	39.00
Speed 20th Percentile	36.00	36.00	36.00	36.00	36.00	36.00	36.00
Speed 15th Percentile	33.00	33.00	33.00	33.00	33.00	33.00	33.00
Speed 10th Percentile	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Speed 5th Percentile	27.00	27.00	27.00	27.00	27.00	27.00	27.00
Speed 1st Percentile	20.00	20.00	20.00	20.00	20.00	20.00	20.00

Ascending Direction: North
S-3 MI S OF JCT 201 84.80
Segment/Milepost: 001500-1027.500
Route: 125

NOTE: Values are rounded for more precise numbers. Totals may not add up

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**Idaho Transportation Department
Monthly Vehicle Speed Report
January 2008**

**Station # 006
Route: US-95
Segment Code and Milepost: 001540 305.100
0.6 Miles West of Jct US-12 (Lewiston)**

**County: Nez Perce
District: 02
Ascending Direction: North
Speed Limit: 65**

Direction	Speeds		Average Daily Volumes and Percentages						Day Total
	Average	85th Pctile	over speed limit Volume	%	5 mph over limit Volume	%	10 mph over limit Volume	%	
Ascending	63.7	69.6	2412	56.1%	412	9.6%	52	1.2%	4301
Descending	61.2	67.4	1138	26.9%	73	1.7%	8	0.2%	4236
Total	62.5	68.5	3550	41.6%	485	5.7%	60	0.7%	8537

Direction	Average Daily Volumes by Speed													Day Total
	0>-30	30>-35	35>-40	40>-45	45>-50	50>-55	55>-60	60>-65	65>-70	70>-75	75>-80	80>-85	85>-140	
Ascending	8	15	20	22	36	100	372	1316	2000	360	46	4	2	4301
Descending	27	16	13	26	74	314	913	1715	1065	65	6	1	1	4236
Total	35	31	33	48	110	414	1285	3031	3065	425	52	5	3	8537

Direction	Percentage of Daily Volume by Speed													Day Total
	0>-30	30>-35	35>-40	40>-45	45>-50	50>-55	55>-60	60>-65	65>-70	70>-75	75>-80	80>-85	85>-140	
Ascending	0.19%	0.35%	0.47%	0.51%	0.84%	2.33%	8.65%	30.60%	46.50%	8.37%	1.07%	0.09%	0.05%	100.0%
Descending	0.64%	0.38%	0.31%	0.61%	1.75%	7.41%	21.55%	40.49%	25.14%	1.53%	0.14%	0.02%	0.02%	100.0%
Total	0.41%	0.36%	0.39%	0.56%	1.29%	4.85%	15.05%	35.50%	35.90%	4.98%	0.61%	0.06%	0.04%	100.0%



Vehicle Speed by Lane
 (MSPDWIMV)
 For Month: January 2008
 Bannock County
 Station 079 - Downey

Ascending Direction: North
 3.2 Mi S OF JCT SH-40
 Segment/Milepost: 001330/027.700
 Route: 115

Speed Bin	NB Driving			NB Pass 1			SB Pass 1			SB Driving			Roadway		
	Lane Count	Lane %	Avg Speed	Lane Count	Lane %	Avg Speed	Lane Count	Lane %	Avg Speed	Lane Count	Lane %	Avg Speed	Lane Count	Lane %	Avg Speed
0 to 30	23	.000	26	2	.000	25	16	.001	22	8	.000	24	49	.000	24
30 to 35	40	.000	32	1	.000	34	4	.000	32	37	.000	32	82	.000	32
35 to 40	132	.002	37	10	.001	37	6	.000	37	85	.001	37	233	.001	37
40 to 45	313	.004	42	25	.002	42	9	.001	42	231	.003	43	578	.003	43
45 to 50	659	.008	47	24	.002	48	20	.001	47	612	.007	47	1315	.007	47
50 to 55	1408	.017	52	75	.006	52	49	.003	52	1382	.017	52	2914	.015	52
55 to 60	2750	.034	57	116	.009	57	90	.006	58	2994	.037	57	5950	.031	57
60 to 65	10887	.135	63	287	.022	62	350	.024	62	11156	.136	63	22680	.119	63
65 to 70	15715	.195	67	581	.044	67	789	.054	67	15706	.192	67	32791	.172	67
70 to 75	18193	.226	72	1744	.131	72	2268	.156	72	19356	.236	72	41561	.218	72
75 to 80	21896	.272	77	5391	.404	77	6723	.462	77	23071	.282	77	57081	.300	77
80 to 85	7273	.090	82	3924	.294	82	3490	.240	82	6405	.078	81	21092	.111	82
85 to 140+	1252	.016	87	1154	.087	87	749	.051	87	890	.011	87	4045	.021	87
Total by Lane	80541	42.00	71.4	13334	7.00	78.04	14563	8.00	77.24	81933	43.00	71.3	190371	100.00	72.27
Total by Direction	93875	49.00	72.27	93875	49.00	72.27	96496	51.00	72.27	96496	51.00	72.27	190371	100.00	72.27
50th Percentile	72.2			78.67			78.16			72.21			73.52		
85th Percentile	78.84			83.53			82.45			78.61			79.53		

* NOTES-- None



Monthly Speed

(MSPEED)

For Month: January 2008

Bannock County

Station 079 - Downey

Ascending Direction: North
 3.2 Mi S OF JCT SH-40
 Segment/Milepost: 001330/027.700
 Route: I15

Road Lane	ND	NP01	SP01	SD	N	S	T
Speed 85th Percentile	78.84	83.53	82.45	78.61	79.87	79.20	79.53
Speed Median	72.20	78.67	78.16	72.21	73.53	73.50	73.52
Speed Average	71.40	78.04	77.24	71.30	72.34	72.20	72.27
Speed Pace	67.00	75.00	75.00	70.00	70.00	71.00	71.00
Speed Day 85th Percentile	79.06	83.61	82.48	78.73	80.34	79.50	79.89
Speed Day Median	73.33	78.83	78.21	73.15	74.45	74.09	74.26
Speed Day Average	72.25	78.51	77.49	71.92	73.27	72.89	73.07
Speed Day Pace	68.00	75.00	75.00	70.00	71.00	73.00	73.00
Speed Night 85th Percentile	77.76	82.35	82.33	77.33	78.24	77.95	78.13
Speed Night Median	68.32	76.41	76.45	68.58	68.73	68.90	68.81
Speed Night Average	68.68	74.47	74.64	68.89	69.10	69.23	69.15
Speed Night Pace	64.00	75.00	73.00	64.00	64.00	64.00	64.00

* NOTES-- None

Upcoming Changes for Idaho

- New processing system will result in new reports
- New improved equipment and technology will continue to have an impact on the “how” and “what” of data collection.
- A National Speed Data Program – why not???

Questions??

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