

**Idaho Transportation Department  
Annual Average Hourly Traffic Report  
2009**

**Station # 031  
Route: SH-31  
Segment Code and Milepost: 002450 003.540  
3.5 Miles North of Jct US-26 (Swan Valley)**

**County: Bonneville  
District: 06  
Ascending Direction: North**

**Volumes and Percent of Daily Traffic**

Hour	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Weekday		Weekend		All Days	
	Volume	% of day	Volume	% of day	Volume	% of day	Volume	% of day	Volume	% of day	Volume	% of day	Volume	% of day	Volume	% of day	Volume	% of day	Volume	% of day
0:00	14	0.9%	7	0.4%	7	0.4%	6	0.4%	8	0.5%	9	0.5%	12	0.6%	7	0.4%	13	0.7%	9	0.5%
1:00	10	0.6%	4	0.2%	4	0.3%	3	0.2%	5	0.3%	5	0.3%	9	0.4%	4	0.2%	10	0.5%	6	0.3%
2:00	7	0.4%	2	0.1%	2	0.1%	2	0.1%	2	0.1%	2	0.1%	9	0.4%	2	0.1%	8	0.4%	4	0.2%
3:00	4	0.2%	3	0.2%	2	0.1%	3	0.2%	2	0.1%	3	0.2%	5	0.2%	2	0.1%	4	0.2%	3	0.2%
4:00	4	0.2%	6	0.4%	5	0.3%	5	0.3%	6	0.4%	8	0.4%	7	0.3%	6	0.4%	6	0.3%	6	0.3%
5:00	7	0.4%	25	1.5%	21	1.3%	20	1.2%	21	1.2%	20	1.0%	16	0.8%	22	1.3%	12	0.7%	19	1.1%
6:00	16	1.0%	60	3.6%	51	3.2%	52	3.2%	52	3.1%	43	2.2%	30	1.5%	54	3.3%	23	1.3%	43	2.5%
7:00	29	1.8%	86	5.2%	80	5.1%	83	5.1%	79	4.7%	75	3.8%	57	2.8%	82	5.0%	43	2.3%	70	4.0%
8:00	55	3.4%	92	5.6%	98	6.2%	96	5.9%	96	5.7%	95	4.8%	93	4.6%	96	5.9%	74	4.0%	89	5.1%
9:00	91	5.6%	116	7.0%	120	7.6%	115	7.1%	116	6.8%	121	6.1%	134	6.6%	117	7.1%	112	6.1%	116	6.7%
10:00	114	7.0%	120	7.3%	111	7.0%	112	6.9%	110	6.5%	132	6.7%	160	7.8%	113	6.9%	137	7.5%	123	7.1%
11:00	130	7.9%	112	6.8%	105	6.7%	105	6.5%	108	6.4%	130	6.6%	160	7.8%	108	6.6%	145	7.9%	121	6.9%
12:00	125	7.6%	107	6.5%	96	6.1%	99	6.1%	104	6.1%	123	6.2%	144	7.1%	102	6.2%	134	7.3%	114	6.5%
13:00	125	7.6%	106	6.4%	103	6.5%	106	6.5%	108	6.4%	132	6.7%	141	6.9%	106	6.5%	133	7.2%	117	6.7%
14:00	130	7.9%	113	6.8%	110	7.0%	111	6.9%	120	7.1%	144	7.3%	143	7.0%	114	7.0%	136	7.4%	124	7.1%
15:00	140	8.6%	123	7.4%	119	7.5%	124	7.7%	130	7.7%	161	8.1%	156	7.6%	124	7.6%	148	8.1%	136	7.8%
16:00	145	8.9%	129	7.8%	122	7.7%	131	8.1%	139	8.2%	167	8.4%	160	7.8%	130	7.9%	152	8.3%	142	8.2%
17:00	136	8.3%	136	8.2%	135	8.6%	138	8.5%	143	8.4%	168	8.5%	155	7.6%	138	8.4%	146	7.9%	144	8.3%
18:00	113	6.9%	112	6.8%	105	6.7%	108	6.7%	120	7.1%	142	7.2%	127	6.2%	111	6.8%	120	6.5%	118	6.8%
19:00	88	5.4%	71	4.3%	67	4.2%	70	4.3%	80	4.7%	102	5.2%	102	5.0%	72	4.4%	95	5.2%	83	4.8%
20:00	66	4.0%	48	2.9%	45	2.9%	49	3.0%	57	3.4%	74	3.7%	82	4.0%	50	3.1%	74	4.0%	60	3.4%
21:00	47	2.9%	38	2.3%	35	2.2%	37	2.3%	45	2.7%	55	2.8%	63	3.1%	39	2.4%	55	3.0%	46	2.6%
22:00	27	1.7%	24	1.5%	22	1.4%	29	1.8%	29	1.7%	42	2.1%	49	2.4%	26	1.6%	38	2.1%	32	1.8%
23:00	13	0.8%	13	0.8%	12	0.8%	15	0.9%	17	1.0%	24	1.2%	26	1.3%	14	0.9%	20	1.1%	17	1.0%
Ave. Hour	68		69		66		67		71		82		85		68		77		73	
Ave. Day	1636		1653		1577		1619		1697		1977		2040		1639		1838		1742	
Days Oper.	49		49		49		50		51		50		50		199		99		348	

Average Weekday Traffic includes Monday through Thursday. Average Weekend Traffic includes Saturday and Sunday.

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**County: Bonneville  
District: 06  
Ascending Direction: North**

**Volumes**

Hour	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Weekday		Weekend		All Days	
	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC
0:00	10	4	5	2	5	2	4	2	5	3	6	3	8	4	5	2	9	4	6	3
1:00	8	2	3	1	3	1	2	1	3	2	3	2	7	2	3	1	8	2	4	2
2:00	6	1	1	1	1	1	1	1	1	1	1	1	7	2	1	1	6	2	3	1
3:00	3	1	2	1	1	1	2	1	1	1	1	2	3	2	2	1	3	2	2	1
4:00	2	2	3	3	3	2	3	2	3	3	4	4	4	3	3	2	3	2	3	3
5:00	3	4	19	6	17	4	14	6	14	7	14	6	9	7	16	6	6	6	13	6
6:00	7	9	45	15	38	13	38	14	37	15	29	14	14	16	40	14	10	12	30	14
7:00	12	17	54	32	48	32	49	34	49	30	44	31	26	31	50	32	19	24	40	30
8:00	22	33	47	45	53	45	52	44	51	45	46	49	37	56	51	45	30	44	44	45
9:00	30	61	51	65	56	64	56	59	54	62	50	71	44	90	54	62	37	76	49	67
10:00	36	78	50	70	49	62	49	63	49	61	54	78	52	108	49	64	44	93	48	74
11:00	44	86	46	66	44	61	45	60	47	61	52	78	56	104	46	62	50	95	48	74
12:00	45	80	43	64	39	57	40	59	43	61	47	76	54	90	41	60	50	85	44	70
13:00	52	73	46	60	44	59	45	61	47	61	56	76	61	80	46	60	56	76	50	67
14:00	61	69	51	62	49	61	49	62	51	69	64	80	68	75	50	64	64	72	56	68
15:00	71	69	60	63	54	65	55	69	57	73	72	89	81	75	56	68	76	72	64	72
16:00	80	65	63	66	58	64	61	70	64	75	78	89	90	70	62	69	85	68	71	71
17:00	78	58	61	75	57	78	61	77	61	82	81	87	89	66	60	78	84	62	70	75
18:00	70	43	54	58	48	57	50	58	57	63	76	66	79	48	52	59	74	46	62	56
19:00	56	32	42	29	37	30	38	32	41	39	57	45	64	38	40	32	60	35	48	35
20:00	42	24	30	18	27	18	28	21	30	27	44	30	50	32	29	21	46	28	36	24
21:00	31	16	25	13	21	14	22	15	26	19	32	23	40	23	24	15	36	20	28	18
22:00	17	10	15	9	14	8	18	11	17	12	25	17	29	20	16	10	23	15	19	12
23:00	9	4	9	4	8	4	10	5	11	6	16	8	18	8	10	5	14	6	12	6
Ave. Hour	33	35	34	35	32	33	33	34	34	37	40	43	41	44	34	35	37	39	35	37
Ave. Day	795	841	825	828	774	803	792	827	819	878	952	1025	990	1050	806	833	893	947	850	894
Days Oper.	49		49		49		50		51		50		50		199		99		348	

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**Percent of Daily Traffic**

Hour	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Weekday		Weekend		All Days	
	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC	ASC	DESC
0:00	1.3%	0.5%	0.6%	0.2%	0.6%	0.2%	0.5%	0.2%	0.6%	0.3%	0.6%	0.3%	0.8%	0.4%	0.6%	0.2%	1.0%	0.4%	0.7%	0.3%
1:00	1.0%	0.2%	0.4%	0.1%	0.4%	0.1%	0.3%	0.1%	0.4%	0.2%	0.3%	0.2%	0.7%	0.2%	0.4%	0.1%	0.9%	0.2%	0.5%	0.2%
2:00	0.8%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.7%	0.2%	0.1%	0.1%	0.7%	0.2%	0.4%	0.1%
3:00	0.4%	0.1%	0.2%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	0.1%	0.1%	0.2%	0.3%	0.2%	0.2%	0.1%	0.3%	0.2%	0.2%	0.1%
4:00	0.3%	0.2%	0.4%	0.4%	0.4%	0.2%	0.4%	0.2%	0.4%	0.3%	0.4%	0.4%	0.4%	0.3%	0.4%	0.2%	0.3%	0.2%	0.4%	0.3%
5:00	0.4%	0.5%	2.3%	0.7%	2.2%	0.5%	1.8%	0.7%	1.7%	0.8%	1.5%	0.6%	0.9%	0.7%	2.0%	0.7%	0.7%	0.6%	1.5%	0.7%
6:00	0.9%	1.1%	5.5%	1.8%	4.9%	1.6%	4.8%	1.7%	4.5%	1.7%	3.0%	1.4%	1.4%	1.5%	5.0%	1.7%	1.1%	1.3%	3.5%	1.6%
7:00	1.5%	2.0%	6.5%	3.9%	6.2%	4.0%	6.2%	4.1%	6.0%	3.4%	4.6%	3.0%	2.6%	3.0%	6.2%	3.8%	2.1%	2.5%	4.7%	3.4%
8:00	2.8%	3.9%	5.7%	5.4%	6.8%	5.6%	6.6%	5.3%	6.2%	5.1%	4.8%	4.8%	3.7%	5.3%	6.3%	5.4%	3.4%	4.6%	5.2%	5.0%
9:00	3.8%	7.3%	6.2%	7.9%	7.2%	8.0%	7.1%	7.1%	6.6%	7.1%	5.3%	6.9%	4.4%	8.6%	6.7%	7.4%	4.1%	8.0%	5.8%	7.5%
10:00	4.5%	9.3%	6.1%	8.5%	6.3%	7.7%	6.2%	7.6%	6.0%	6.9%	5.7%	7.6%	5.3%	10.3%	6.1%	7.7%	4.9%	9.8%	5.6%	8.3%
11:00	5.5%	10.2%	5.6%	8.0%	5.7%	7.6%	5.7%	7.3%	5.7%	6.9%	5.5%	7.6%	5.7%	9.9%	5.7%	7.4%	5.6%	10.0%	5.6%	8.3%
12:00	5.7%	9.5%	5.2%	7.7%	5.0%	7.1%	5.1%	7.1%	5.3%	6.9%	4.9%	7.4%	5.5%	8.6%	5.1%	7.2%	5.6%	9.0%	5.2%	7.8%
13:00	6.5%	8.7%	5.6%	7.2%	5.7%	7.3%	5.7%	7.4%	5.7%	6.9%	5.9%	7.4%	6.2%	7.6%	5.7%	7.2%	6.3%	8.0%	5.9%	7.5%
14:00	7.7%	8.2%	6.2%	7.5%	6.3%	7.6%	6.2%	7.5%	6.2%	7.9%	6.7%	7.8%	6.9%	7.1%	6.2%	7.7%	7.2%	7.6%	6.6%	7.6%
15:00	8.9%	8.2%	7.3%	7.6%	7.0%	8.1%	6.9%	8.3%	7.0%	8.3%	7.6%	8.7%	8.2%	7.1%	6.9%	8.2%	8.5%	7.6%	7.5%	8.1%
16:00	10.1%	7.7%	7.6%	8.0%	7.5%	8.0%	7.7%	8.5%	7.8%	8.5%	8.2%	8.7%	9.1%	6.7%	7.7%	8.3%	9.5%	7.2%	8.4%	7.9%
17:00	9.8%	6.9%	7.4%	9.1%	7.4%	9.7%	7.7%	9.3%	7.4%	9.3%	8.5%	8.5%	9.0%	6.3%	7.4%	9.4%	9.4%	6.5%	8.2%	8.4%
18:00	8.8%	5.1%	6.5%	7.0%	6.2%	7.1%	6.3%	7.0%	7.0%	7.2%	8.0%	6.4%	8.0%	4.6%	6.5%	7.1%	8.3%	4.9%	7.3%	6.3%
19:00	7.0%	3.8%	5.1%	3.5%	4.8%	3.7%	4.8%	3.9%	5.0%	4.4%	6.0%	4.4%	6.5%	3.6%	5.0%	3.8%	6.7%	3.7%	5.6%	3.9%
20:00	5.3%	2.9%	3.6%	2.2%	3.5%	2.2%	3.5%	2.5%	3.7%	3.1%	4.6%	2.9%	5.1%	3.0%	3.6%	2.5%	5.2%	3.0%	4.2%	2.7%
21:00	3.9%	1.9%	3.0%	1.6%	2.7%	1.7%	2.8%	1.8%	3.2%	2.2%	3.4%	2.2%	4.0%	2.2%	3.0%	1.8%	4.0%	2.1%	3.3%	2.0%
22:00	2.1%	1.2%	1.8%	1.1%	1.8%	1.0%	2.3%	1.3%	2.1%	1.4%	2.6%	1.7%	2.9%	1.9%	2.0%	1.2%	2.6%	1.6%	2.2%	1.3%
23:00	1.1%	0.5%	1.1%	0.5%	1.0%	0.5%	1.3%	0.6%	1.3%	0.7%	1.7%	0.8%	1.8%	0.8%	1.2%	0.6%	1.6%	0.6%	1.4%	0.7%
<b>Ave. Day</b>	<b>795</b>	<b>841</b>	<b>825</b>	<b>828</b>	<b>774</b>	<b>803</b>	<b>792</b>	<b>827</b>	<b>819</b>	<b>878</b>	<b>952</b>	<b>1025</b>	<b>990</b>	<b>1050</b>	<b>806</b>	<b>833</b>	<b>893</b>	<b>947</b>	<b>850</b>	<b>894</b>

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