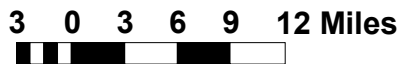
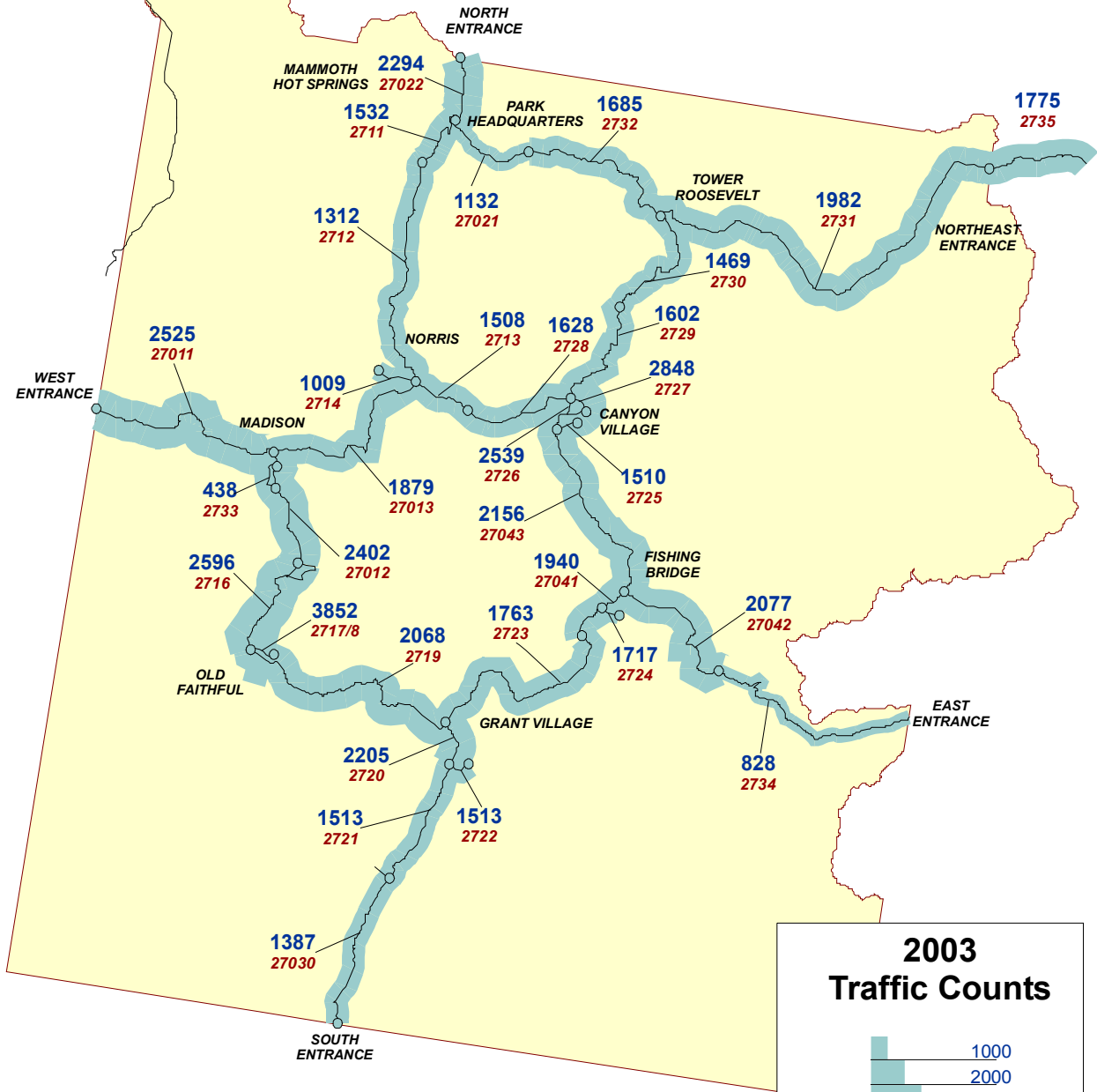
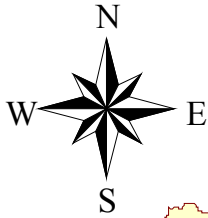


Yellowstone National Park Traffic Package



Yellowstone National Park

Wyoming
U.S. Department of Interior
NATIONAL PARK SERVICE



2003 Traffic Counts

AADT Scale

Reference Station Number in ITALICS

YELLOWSTONE NATIONAL PARK

TRAFFIC TRENDS SUMMARY

Rt. No.	Roadway Segment	Sta. ID.	Length	AADT				VMT(1000's)			
				1988	1991	1994	2003	1988	1991	1994	2003
10	Grand Loop Rd. - Mammoth to Upper Terrace Area	2711	2.07	1959	2899	2264	1532	1480	2190	1711	1158
10	Grand Loop Rd. - Upper Terrace Area to Norris Junction	2712	18.1	1800	789	1838	1312	11892	5213	12143	8668
10	Grand Loop Rd. - Norris Junction to Madison Junction	27013	14.13	1482	1856	2199	1879	7643	9572	11341	9691
10	Grand Loop Rd. - Madison Jct. To So. Jct. Firehold Lake Dr.	27012	9.13	1790	2149	2684	2402	5965	7161	8944	8005
10	Grand Loop Rd. - Firehole Lake Dr. to Old Faithful Ent. Rd.	2716	6.75	2550	4427	2704	2596	6283	10907	6662	6396
10	Grand Loop Rd. - Old Faithful Entr. Rd. to West Thumb	2719	17.78	2548	4337	2680	2068	16536	28146	17392	13421
10	Grand Loop Rd. - West Thumb to Gull Point Drive	2723	15.09	2261	2820	1691	1763	12453	15532	9314	9710
10	Grand Loop Rd. - Gull Point Drive to Fishing Bridge Jct.	27041	5.31	1676	1819	2101	1940	3248	3525	4072	3760
10	Grand Loop Rd. - Fishing Bridge Jct. to South Rim Drive	27043	13.1	1507	1664	1963	2156	7206	7956	9386	10309
10	Grand Loop Rd. - South Rim Drive to Canyon Junction	2726	2.26	2163	3304	2583	2539	1784	2725	2131	2094
10	Grand Loop Rd. - Canyon Junction to Chitten Rd.	2729	9.72	725	1134	1429	1602	2572	4023	5070	5684
10	Grand Loop Rd. - Chitten Rd. to Tower Junction	2730	8.52	825	920	1331	1469	2566	2861	4139	4568
10	Grand Loop Rd. - Tower Junction to Blacktail Plateau Drive	2732	9.93	917	1063	1851	1685	3324	3853	6709	6107
10	Grand Loop Rds. - Blacktail Plateau Drive to Mammoth	27021	8.25	814	1019	1139	1132	2451	3068	3430	3409
11	North Entrance Rd. - Mammoth to North Entrance	27022	5.23	1948	2250	2483	2294	3719	4295	4740	4379
12	Northeast Entrance Rd. - Tower Junction to Park Boundary	2731	28.61	358	415	1019	1982	3738	4334	10641	20697
13	East Entrance Rd. - Fishing Bridge Jct. to Lake Butte Rd.	27042	9.54	1716	1914	2164	2077	5975	6665	7535	7232
13	East Entrance Rd. - Lake Butte Rd. to East Park Boundary	2734	16.48	1600	1632	862	828	9624	9817	5185	4981
14	South Entrance Rd. - West Thumb to Grant Road	2720	1.75	2180	2153	2618	2205	1392	1375	1672	1408
14	South Entrance Rd. - Grant Road to Lewis Lake Road	2721	8.3	2180	4292	1979	1513	6604	13003	5995	4584
14	South Entrance Rd. - Lewis Lake Road to South Park Entrance	27030	11.4	926	1554	1748	1387	3853	6466	7273	5771
15	West Entrance Rd. - Madison Junction to West Park Entrance	27011	13.85	1762	2086	2643	2525	8907	10545	13361	12765
16	Norris Canyon Rd. - Canyon Junction to Virginia Cascade Dr.	2728	9.91	1083	1434	2093	1628	3917	5187	7571	5889
16	Norris Canyon Rd. - Virginia Cascade Dr. to Norris Junction	2713	1.66	1083	1934	1992	1508	656	1172	1207	914
17	Old Faithful Rd. - Grand Loop Rd. to Old Faithful	2717/8	2.97	5729	6273	4313	3852	6211	6800	4676	4176
100	Grant Road - South Entrance Rd. to Grant	2722	1.8	660	1799	1694	1513	434	1182	1113	994
103	Canyon Village Rd. - Canyon Junction to North Rim Drive	2727	0.31	786	1262	1542	2848	89	143	174	322
108	South Rim Drive - Grand Loop Rd. to Artist Point	2725	1.75	510	2623	1522	1510	326	1675	972	965
110	Lake Road - Grand Loop Rd. to Lake Hospital	2724	1.43	550	605	1411	1717	287	316	736	896
220	Norris Geyser Basin Rd. - Norris Junction to End of Loop	2714	0.72	360	993	1362	1009	95	261	358	265
504	Firehole Canyon Drive - Grand Loop Rd. to Grand Loop Rd.	2733	2.2	216	311	587	438	173	250	471	352
12	Northeast Entrance Rd. - Park Boundary to End of NPS Mtce.	2735	59.55	350	2200	2570	1775	7608	47819	55861	38581
VMT SUMMARY								149012	228038	231986	208149

Note: AADT -- Annual Average Daily Traffic
VMT-- Vehicle Miles of Travel

YELLOWSTONE NATIONAL PARK

2003 TRAFFIC VOLUME SUMMARY

Sta. ID.	STATION LOCATION	BEGIN DATE	24 HR. VOL.	SEAS. FACT.	ANN. FACT.	SADT	AADT	REF. STA.
27011	West Entrance Rd. - Madison Junction to West Park Entrance					5243	2525	Self
27012	Grand Loop Rd. - Madison Jct. To So. Jct. Firehold Lake Dr.					5030	2402	Self
27013	Grand Loop Rd. - Norris Junction to Madison Junction					4557	1879	Self
27021	Grand Loop Rds. - Blacktail Plateau Drive to Mammoth					2279	1132	Self
27022	North Entrance Rd. - Mammoth to North Entrance					2883	2294	Self
27030	South Entrance Rd. - Lewis Lake Road to South Park Entrance					3562	1387	Self
27041	Grand Loop Rd. - Gull Point Drive to Fishing Bridge Jct.					4814	1940	Self
27042	East Entrance Rd. - Fishing Bridge Jct. to Lake Butte Rd.						2077	**
27043	Grand Loop Rd. - Fishing Bridge Jct. to South Rim Drive	8/16/03	5040	1.06176	0.42779	5351	2156	27041
2711	Grand Loop Rd. - Mammoth to Upper Terrace Area	8/16/03	4316	0.86079	0.3550	3715	1532	27013
2712	Grand Loop Rd. - Upper Terrace Area to Norris Junction	8/16/03	3696	0.86079	0.3550	3181	1312	27013
2713	Norris Canyon Rd. - Virginia Cascade Dr. to Norris Junction	8/16/03	4247	0.86079	0.3550	3656	1508	27013
2714	Norris Geyser Basin Rd. - Norris Junction to End of Loop	8/16/03	2841	0.86079	0.3550	2445	1009	27013
2715	Grand Loop Rd. - South of Noris	8/16/03	5354	0.86079	0.3550	4609	1901	27013
2716	Grand Loop Rd. - Firehole Lake Dr. to Old Faithful Ent. Rd.	8/16/03	6632	0.81989	0.39147	5437	2596	27012
2717	Old Faithful Rd. - WB - Grand Loop Rd. to Old Faithful	8/16/03	4890	0.81989	0.39147	4009	1914	27012
2718	Old Faithful Rd. - EB - Grand Loop Rd. to Old Faithful	8/16/03	4949	0.81989	0.39147	4058	1937	27012
2717/8	Old Faithful Rd. - (EB and WB combined)	8/16/03	9839	0.81989	0.39147	8067	3852	27012
2719	Grand Loop Rd. - Old Faithful Entr. Rd. to West Thumb	8/16/03	5282	0.81989	0.39147	4331	2068	27012
2720	South Entrance Rd. - West Thumb to Grant Road	8/16/03	6212	0.91123	0.35491	5661	2205	27030
2721	South Entrance Rd. - Grant Road to Lewis Lake Road	8/16/03	4264	0.91123	0.35491	3885	1513	27030
2722	Grant Road - South Entrance Rd. to Grant	8/16/03	4262	0.91123	0.35491	3884	1513	27030
2723	Grand Loop Rd. - West Thumb to Gull Point Drive	8/16/03	4121	1.06176	0.42779	4375	1763	27041
2724	Lake Road - Grand Loop Rd. to Lake Hospital	8/16/03	4014	1.06176	0.42779	4262	1717	27041
2725	South Rim Drive - Grand Loop Rd. to Artist Point	8/16/03	3529	1.06176	0.42779	3747	1510	27041
2726	Grand Loop Rd. - South Rim Drive to Canyon Junction	8/16/03	5936	1.06176	0.42779	6303	2539	27041
2727	Canyon Village Rd. - Canyon Junction to North Rim Drive	8/16/03	6657	1.06176	0.42779	7068	2848	27041
2728	Norris Canyon Rd. - Canyon Junction to Virginia Cascade Dr.	8/16/03	4586	0.86079	0.3550	3948	1628	27013
2729	Grand Loop Rd. - Canyon Junction to Chitten Rd.	8/16/03	3746	1.06176	0.42779	3977	1602	27041
2730	Grand Loop Rd. - Chitten Rd. to Tower Junction	8/16/03	3434	1.06176	0.42779	3646	1469	27041
2731	Northeast Entrance Rd. - Tower Junction to Park Boundary	8/16/03	3097	0.80418	0.6400	2491	1982	27022
2732*	Grand Loop Rd. - Tower Junction to Blacktail Plateau Dr.	8/18/03	2922	0.72474	0.57673	2118	1685	27022
2733	Firehole Canyon Drive - Grand Loop Rd. to Grand Loop Rd.	8/16/03	1118	0.81989	0.39147	917	438	27012
2734	East Entrance Rd. - Lake Butte Rd. to East Park Boundary						828	***
2735	Northeast Entrance Rd. - Park Boundary to End of NPS Mtce.	8/16/03	2774	0.80418	0.6400	2231	1775	27022

Note: AADT -- Annual Average Daily Traffic

SADT -- Seasonal Average Daily Traffic computed using data for the months containing 80% of annual volume.

REF. STA. -- a permanent Automated Traffic Recorder (ATR) reference station used to obtain seasonal and annual adjustment factors for coverage counts.

* Station 2732 was recounted at a different date due to equipment failure. Adjustment factors are based on weekend counts.

** Station 27042 -- 1994 AADT estimate of 2164 factored by park traffic growth factor GF of 0.96

*** Station 2734 -- 1994 AADT estimate of 862 factored by park traffic growth factor GF of 0.96

YELLOWSTONE NATIONAL PARK

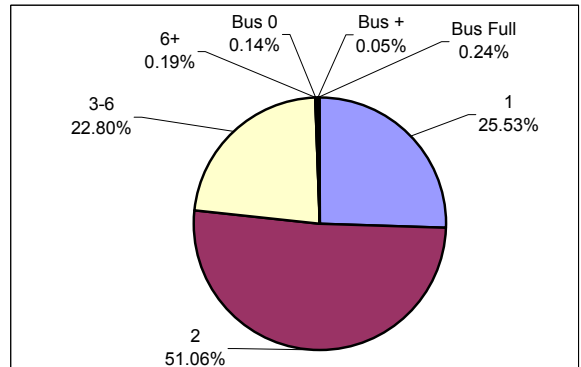
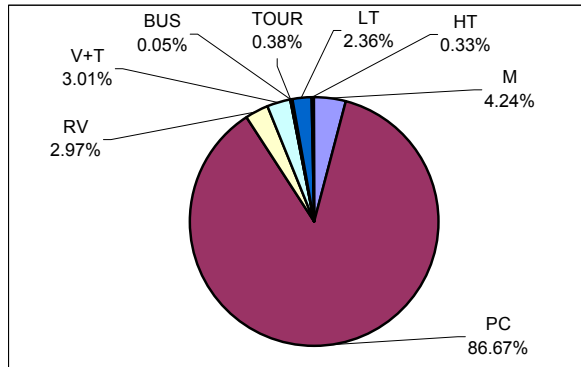
2003 TRAFFIC COMPOSITION SUMMARY

Vehicle Classification

Vehicle Occupancy

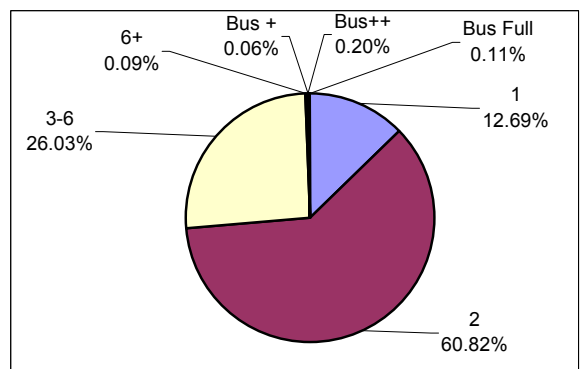
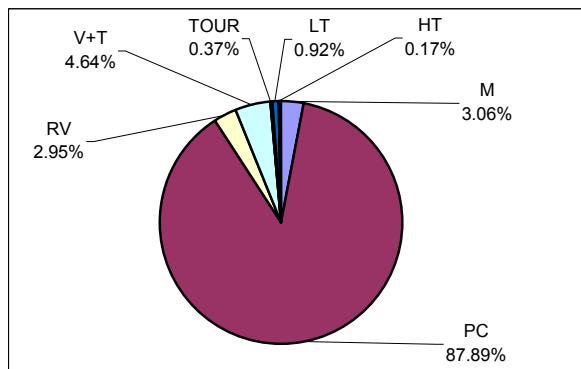
Location: STATION 27022

Location: STATION 27022



Location: STATION 27011

Location: STATION 27011



CLASSIFICATION LEGEND:

OCCUPANCY LEGEND:

No.	Vehicle Type	FHWA Class
M	Motorcycles	Class 1
PC	Passenger Cars	Class 2
RV	Recreational Vehicles	N/A
V+T	Vehicles/RV pulling Trailer	N/A
BUS	Transit/Shuttle Buses	Class 4
TOUR	Tour Buses	Class 4
LT	Light-duty Trucks	Classes 3, 5
HT	Heavy-duty Trucks	Classes 6 - 13

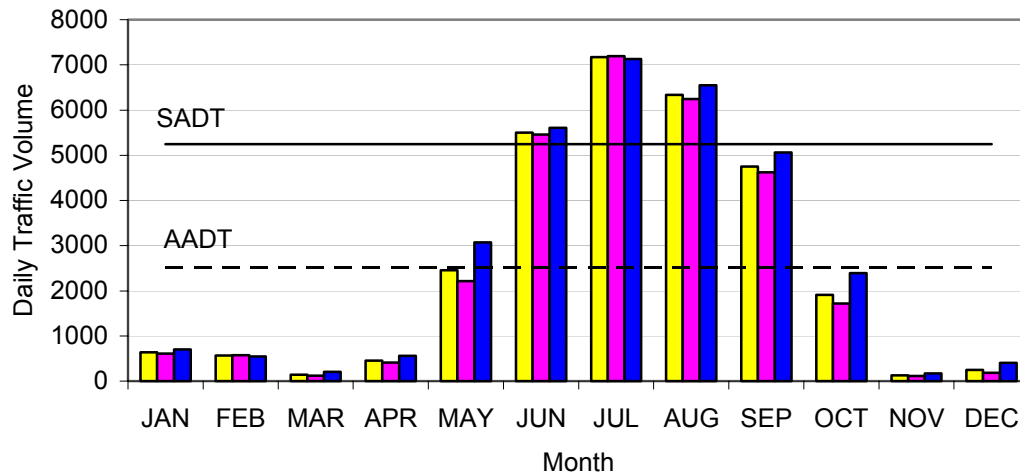
No.	Vehicle Occupancy
1	1 Occupant
2	2 Occupants
3-6	3-6 Occupants (car load)
6+	More than 6 Occupants, (non-Bus)
Bus 0	Bus, No Passengers
Bus +	Bus, Few Passengers
Bus ++	Bus, Semi-Loaded
Bus Full	Bus, Fully Loaded

Note: Vehicle Classifications and Vehicle Occupancy values represented by 0% (No Occurrence) are not shown on the charts.

YELLOWSTONE NATIONAL PARK

Station: 27011 West Entrance Rd. - Madison Junction to West Park Entrance

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2003	637	610	704	3.5872	7.4474
2	2003	565	574	545	4.6338	9.6202
3	2003	144	118	208	12.1414	25.2067
4	2003	456	414	562	4.4936	9.3292
5	2003	2458	2213	3071	0.8223	1.7073
6	2003	5501	5459	5608	0.4503	0.9349
7	2003	7174	7190	7132	0.3541	0.7351
8	2003	6333	6245	6552	0.3854	0.8002
9	2002	4750	4625	5063	0.4988	1.0356
10	2002	1911	1720	2390	1.0567	2.1937
11	2002	130	115	168	15.0322	31.2083
12	2002	246	184	401	6.2978	13.0748
Annual Average Daily Traffic (AADT)				2525		
Annual Average Weekday Traffic (AAWDT)				2456		
Annual Average Weekend Traffic (AAWET)				2700		
Seasonal Average Daily Traffic (SADT)				5243		

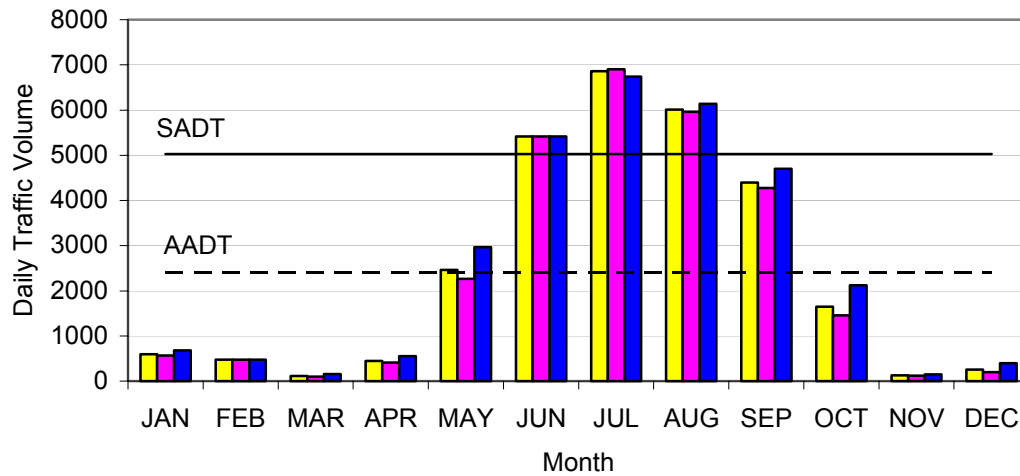


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

YELLOWSTONE NATIONAL PARK

Station: 27012 Grand Loop Rd. - Madison Jct. To So. Jct. Firehold Lake Dr.

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2003	597	563	682	3.5215	7.3754
2	2003	475	476	473	5.0775	10.6342
3	2003	115	100	154	15.5952	32.6623
4	2003	449	408	551	4.3587	9.1289
5	2003	2465	2264	2968	0.8092	1.6947
6	2003	5418	5418	5419	0.4432	0.9282
7	2003	6859	6906	6740	0.3563	0.7463
8	2003	6011	5962	6135	0.3915	0.8199
9	2002	4395	4273	4698	0.5112	1.0707
10	2002	1648	1458	2123	1.1313	2.3693
11	2002	130	122	152	15.8004	33.0921
12	2002	258	201	399	6.0192	12.6065
Annual Average Daily Traffic (AADT)				2402		
Annual Average Weekday Traffic (AAWDT)				2346		
Annual Average Weekend Traffic (AAWET)				2541		
Seasonal Average Daily Traffic (SADT)				5030		

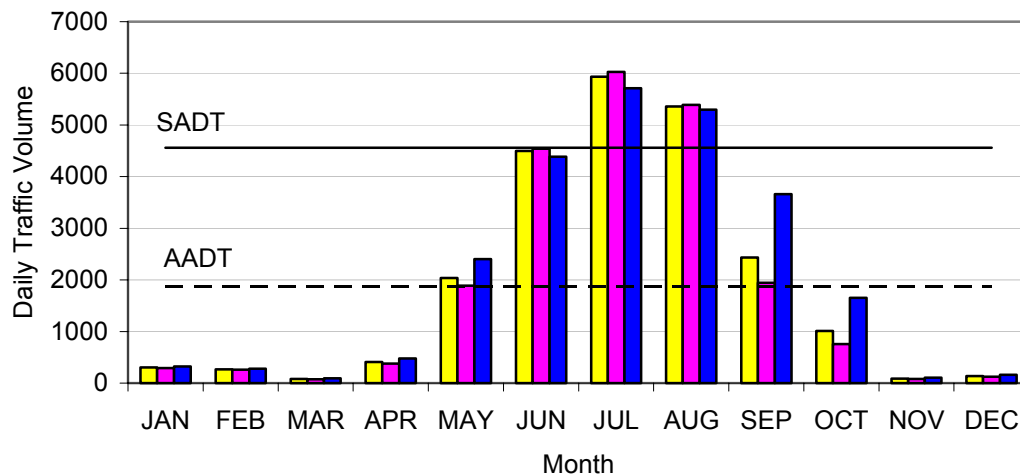


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

YELLOWSTONE NATIONAL PARK

Station: 27013 Grand Loop Rd. - Norris Junction to Madison Junction

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2003	302	293	325	5.7826	14.0215
2	2003	264	258	278	6.7602	16.3921
3	2003	80	74	94	19.9929	48.4787
4	2003	408	379	480	3.9153	9.4938
5	2003	2035	1888	2404	0.7818	1.8956
6	2003	4495	4538	4387	0.4284	1.0388
7	2003	5937	6026	5712	0.3290	0.7978
8	2003	5361	5388	5294	0.3550	0.8608
9	2002	2436	1947	3661	0.5133	1.2447
10	2002	1011	754	1652	1.1376	2.7585
11	2002	89	83	104	18.0705	43.8173
12	2002	134	124	159	11.8197	28.6604
Annual Average Daily Traffic (AADT)				1879		
Annual Average Weekday Traffic (AAWDT)				1813		
Annual Average Weekend Traffic (AAWET)				2046		
Seasonal Average Daily Traffic (SADT)				4557		

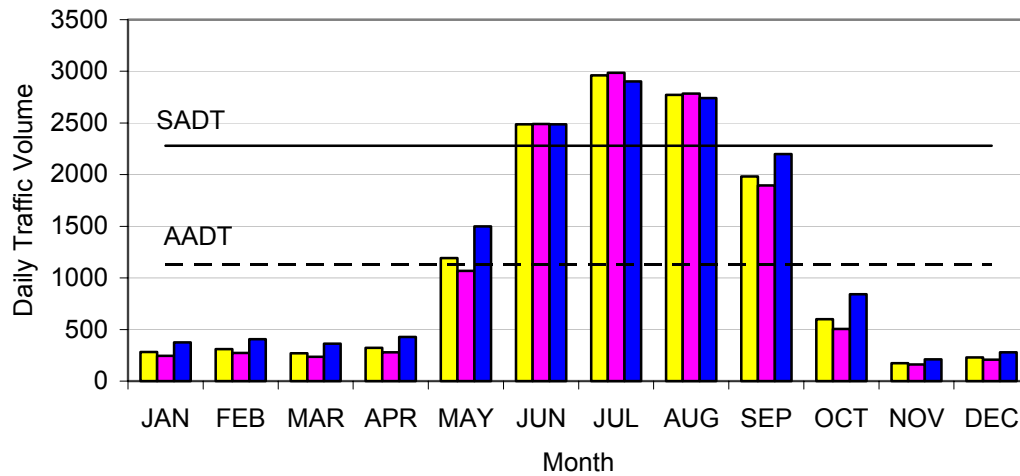


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

YELLOWSTONE NATIONAL PARK

Station: 27021 Grand Loop Rds. - Blacktail Plateau Drive to Mammoth

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2003	281	244	375	3.0184	6.0773
2	2003	310	272	407	2.7811	5.5995
3	2003	271	235	361	3.1355	6.3130
4	2003	322	279	428	2.6447	5.3248
5	2003	1192	1068	1500	0.7546	1.5193
6	2003	2488	2489	2488	0.4550	0.9160
7	2003	2962	2985	2902	0.3900	0.7853
8	2003	2772	2785	2740	0.4131	0.8318
9	2002	1982	1895	2198	0.5150	1.0369
10	2002	600	504	841	1.3459	2.7099
11	2002	175	161	211	5.3645	10.8009
12	2002	228	207	280	4.0426	8.1393
Annual Average Daily Traffic (AADT)				1132		
Annual Average Weekday Traffic (AAWDT)				1094		
Annual Average Weekend Traffic (AAWET)				1228		
Seasonal Average Daily Traffic (SADT)				2279		

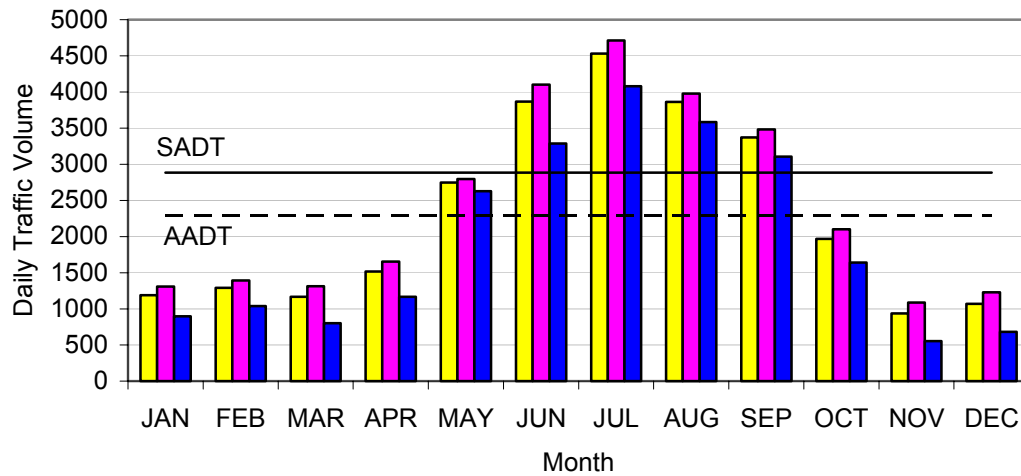


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

YELLOWSTONE NATIONAL PARK

Station: 27022 North Entrance Rd. - Mammoth to North Entrance

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)*	Seasonal Average Daily Traffic Factor (SADTF)*
1	2001	1191	1308	898	1.7540	2.2041
2	2001	1293	1395	1039	1.6446	2.0667
3	2001	1167	1314	801	1.7460	2.1941
4	2001	1516	1655	1168	1.3863	1.7420
5	2001	2748	2797	2627	0.8203	1.0307
6	2000	3867	4100	3286	0.5596	0.7032
7	2000	4533	4714	4081	0.4867	0.6116
8	2000	3865	3978	3585	0.5767	0.7247
9	2000	3373	3481	3104	0.6591	0.8282
10	2000	1970	2102	1640	1.0915	1.3716
11	2000	936	1090	551	2.1048	2.6450
12	2000	1072	1228	683	1.8683	2.3477
Annual Average Daily Traffic (AADT)				2294		
Annual Average Weekday Traffic (AAWDT)				2430		
Annual Average Weekend Traffic (AAWET)				1955		
Seasonal Average Daily Traffic (SADT)				2883		

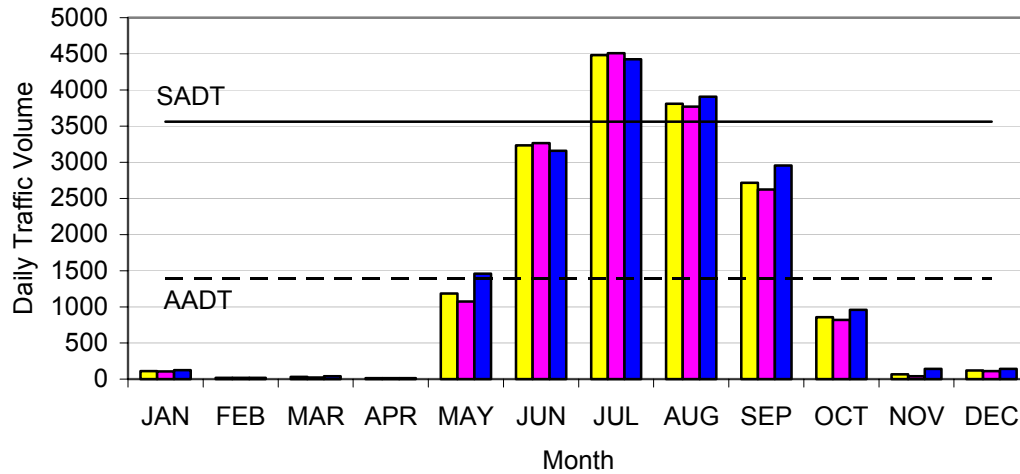


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

YELLOWSTONE NATIONAL PARK

Station: 27030 South Entrance Rd. - Lewis Lake Road to South Park Entrance

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2002	110	104	124	11.1882	28.7258
2	2002	16	16	16	86.7083	222.6250
3	2001	29	23	42	33.0317	84.8095
4	2001	14	15	12	115.6111	296.8333
5	2001	1186	1076	1462	0.9489	2.4364
6	2001	3235	3265	3161	0.4389	1.1269
7	2001	4483	4507	4423	0.3137	0.8053
8	2001	3810	3771	3909	0.3549	0.9112
9	2001	2719	2625	2954	0.4696	1.2058
10	2001	858	818	960	1.4451	3.7104
11	2001	68	39	140	9.9095	25.4429
12	2001	120	112	141	9.8392	25.2624
Annual Average Daily Traffic (AADT)				1387		
Annual Average Weekday Traffic (AAWDT)				1364		
Annual Average Weekend Traffic (AAWET)				1445		
Seasonal Average Daily Traffic (SADT)				3562		

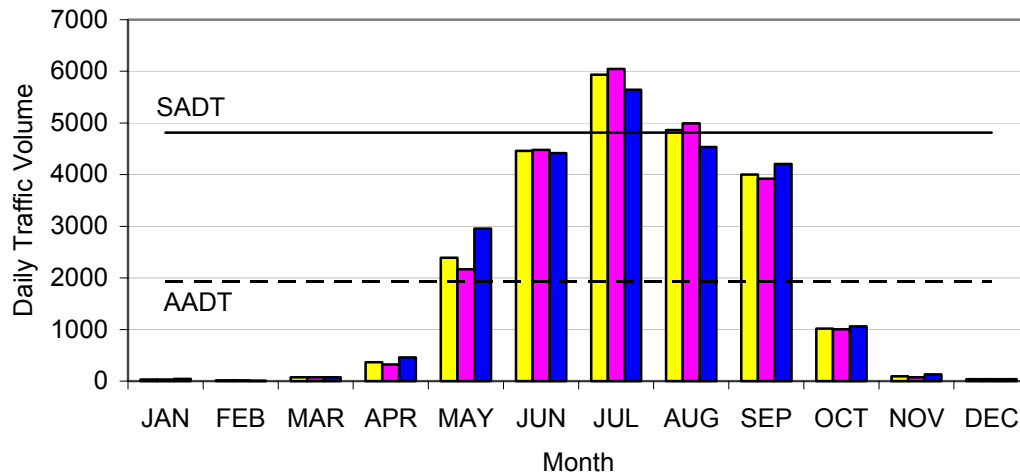


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

YELLOWSTONE NATIONAL PARK

Station: 27041 Grand Loop Rd. - Gull Point Drive to Fishing Bridge Jct.

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2002	34	31	42	46.1806	114.6190
2	2002	10	10	9	215.5093	534.8889
3	2001	74	74	74	26.2106	65.0541
4	2001	363	325	457	4.2442	10.5339
5	2001	2391	2166	2955	0.6564	1.6291
6	2001	4461	4479	4414	0.4394	1.0906
7	2001	5933	6049	5644	0.3437	0.8529
8	2001	4861	4991	4534	0.4278	1.0618
9	2001	4002	3920	4208	0.4609	1.1440
10	2001	1018	1001	1061	1.8281	4.5372
11	2001	90	74	129	15.0355	37.3178
12	2001	38	38	36	53.8773	133.7222
Annual Average Daily Traffic (AADT)				1940		
Annual Average Weekday Traffic (AAWDT)				1930		
Annual Average Weekend Traffic (AAWET)				1964		
Seasonal Average Daily Traffic (SADT)				4814		



Note: AADTF is used to adjust coverage traffic volumes to AADT volume.
 SADTF is used to adjust coverage traffic volumes to SADT volume.
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

Yellowstone National Park

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