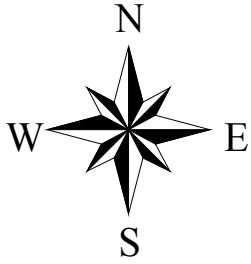


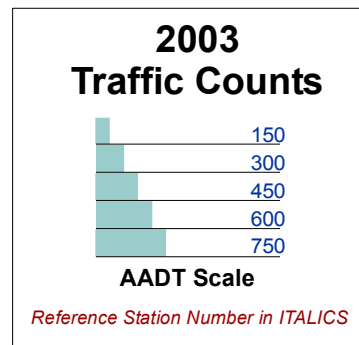
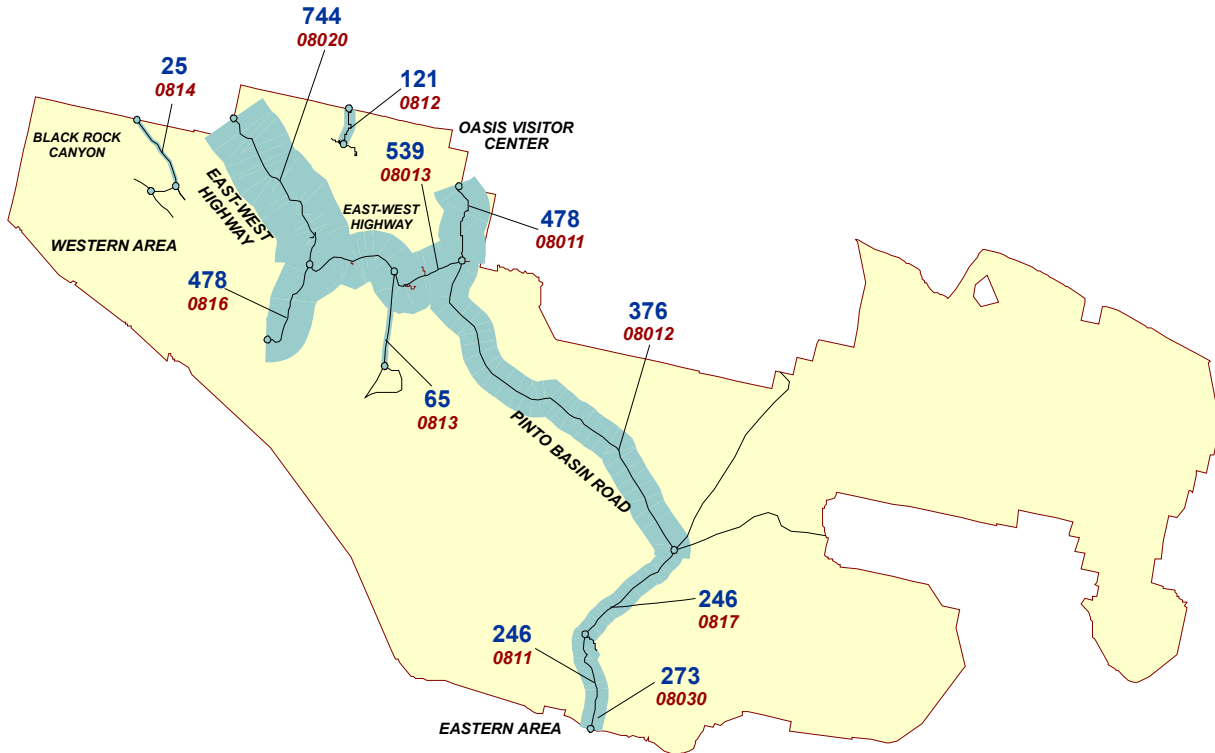
## Joshua Tree National Park Traffic Package





# Joshua Tree National Park

California  
U.S. Department of Interior  
NATIONAL PARK SERVICE



**JOSHUA TREE NATIONAL PARK**

**TRAFFIC TRENDS SUMMARY**

Rt. No.	Roadway Segment	Sta. ID.	Length	AADT				VMT(1000's)			
				1988	1991	1994	2003	1988	1991	1994	2003
11	Pinto Basin Rd. - East West Hwy. To Old Dale Rd.	8012	22.98	220	334	363	376	1845	2801	3045	3154
11	Pinto Basin Rd. - Old Dale Rd. to Cottonwood Visitor Center	817	6.84	98	176	208	246	245	439	519	614
11	Pinto Basin Rd. - Cottonwood Visitor Center to South Bdry.	811	5.82	130	202	226	246	276	429	480	523
12	East West Hwy. - North Bdry. to Pinto Basin Rd.	8011	4.65	290	436	465	478	492	740	789	811
12	East West Hwy. - Pinto Basin Rd. to Keys View Rd.	8013	10.34	320	454	503	539	1208	1713	1898	2034
12	East West Hwy. - Keys View Rd. to West Entrance	8020	10.64	406	549	607	744	1577	2132	2357	2889
13	Keys View Rd. - East West Hwy. To Keys View	816	5.61	99	268	288	478	203	549	590	979
203	Covington Rd. - Park Bdry. To Covington Flat.	814	10.01	14	11	27	25	51	40	99	91
212	Indian Cove Rd. - Park Bdry. To Indian Cove Campground	812	4.99	96	89	64	121	175	162	117	220
300	Geology Tour Rd. - East West Hwy. To Begin One-Way Loop	813	5.53	12	31	25	65	24	63	50	131
VMT SUMMARY								6096	9069	9944	11447

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

**JOSHUA TREE NATIONAL PARK**

**2003 TRAFFIC VOLUME SUMMARY**

Sta. ID.	STATION LOCATION	BEGIN DATE	24 HR. VOL.	SEAS. FACT.	ANN. FACT.	SADT	AADT	REF. STA.
8011	East West Hwy. - North Bdry. to Pinto Basin Rd.					533	478	Self
8012	Pinto Basin Rd. - East West Hwy. To Old Dale Rd.					425	376	Self
8013	East West Hwy. - Pinto Basin Rd. to Keys View Rd.					605	539	Self
8020	East West Hwy. - Keys View Rd. to West Entrance					903	744	Self
8030	Cottonwood Entrance					310	273	Self
811	Pinto Basin Rd. - Cottonwood Visitor Center to South Bdry.	6/21/03	226	1.2400	1.09033	280	246	8030
812	Indian Cove Rd. - Park Bdry. To Indian Cove Campground	6/21/03	108	1.3640	1.12424	147	121	8020
813	Geology Tour Rd. - East West Hwy. To Begin One-Way Loop	6/21/03	58	1.3640	1.12424	79	65	8020
814	Covington Rd. - Park Bdry. To Covington Flat.	6/21/03	22	1.3640	1.12424	30	25	8020
816	Keys View Rd. - East West Hwy. To Keys View	6/21/03	425	1.3640	1.12424	580	478	8020
817	Pinto Basin Rd. - Old Dale Rd. to Cottonwood Visitor Center	6/21/03	226	1.2400	1.09033	280	246	8030

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.

**JOSHUA TREE NATIONAL PARK**

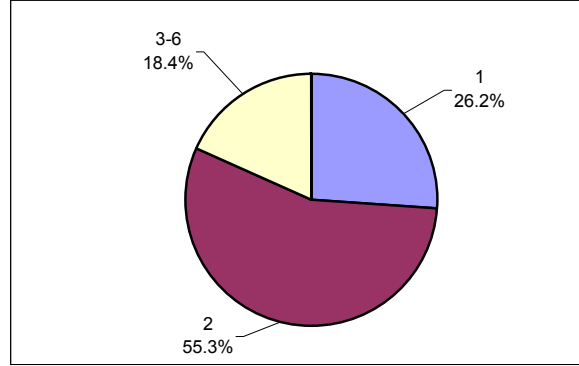
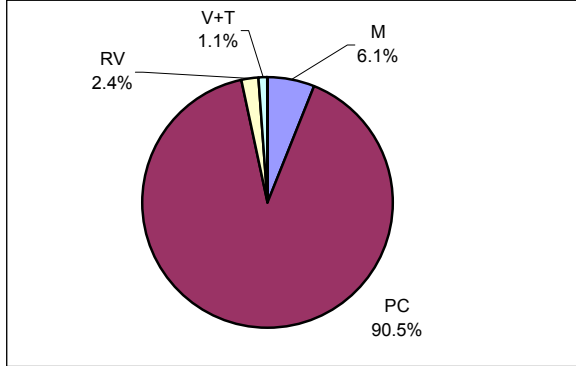
**2003 TRAFFIC COMPOSITION SUMMARY**

**Vehicle Classification**

**Vehicle Occupancy**

Location: STATION 8020

Location: STATION 8020



**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

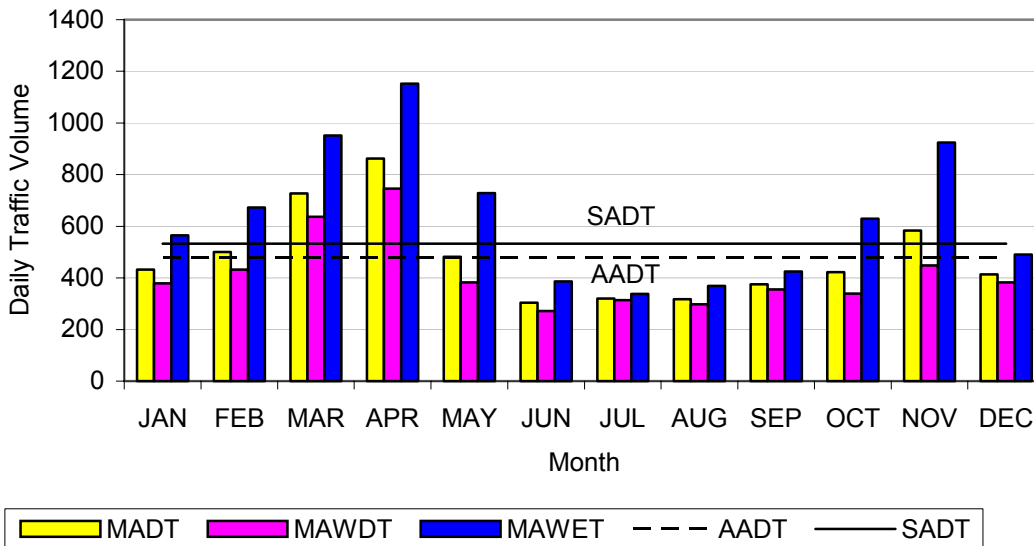
No.	Vehicle Occupancy
1	1 Occupant
2	2 Occupants
3-6	3-6 Occupants (car load)
6+	More than 6 Occupants, (non-Bus)
Bus 0	Bus, No Passengers
Bus +	Bus, Few Passengers
Bus++	Bus, Semi-Loaded
Bus Full	Bus, Fully Loaded

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

**JOSHUA TREE NATIONAL PARK**

Station: 8011 East West Hwy. - North Bdry. to Pinto Basin Rd.

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	432	379	565	0.8468	0.9434
2	2001	501	432	673	0.7109	0.7920
3	2001	727	637	951	0.5031	0.5605
4	2001	862	746	1152	0.4153	0.4627
5	2001	482	383	728	0.6572	0.7321
6	2001	304	271	386	1.2394	1.3808
7	2001	320	313	338	1.4154	1.5769
8	2001	317	297	369	1.2965	1.4444
9	2001	376	356	425	1.1257	1.2541
10	2001	422	339	629	0.7606	0.8474
11	2001	584	448	924	0.5178	0.5768
12	2001	414	383	491	0.9744	1.0855
Annual Average Daily Traffic (AADT)				478		
Annual Average Weekday Traffic (AAWDT)				415		
Annual Average Weekend Traffic (AAWET)				636		
Seasonal Average Daily Traffic (SADT)				533		

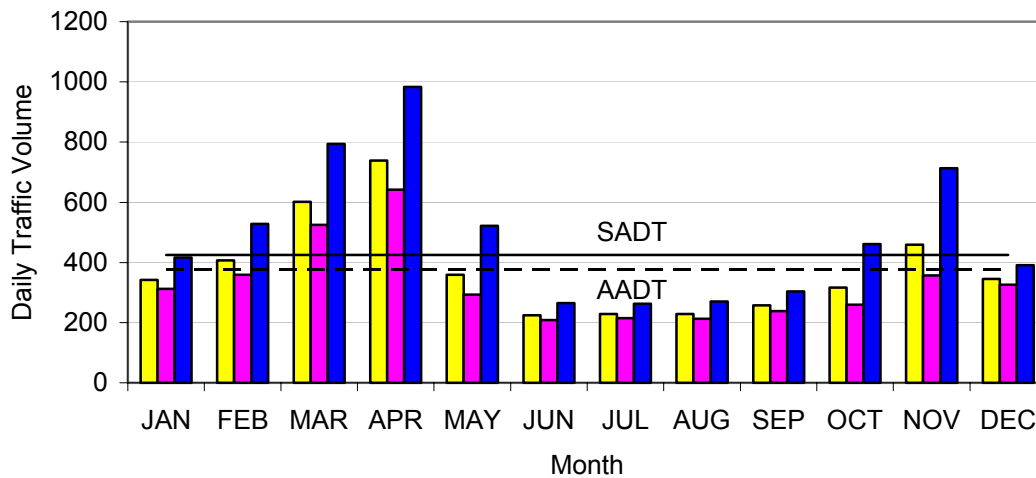


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

**JOSHUA TREE NATIONAL PARK**

Station: 8012 Pinto Basin Rd. - East West Hwy. To Old Dale Rd.

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	342	312	417	0.9009	1.0192
2	2001	407	359	528	0.7115	0.8049
3	2001	602	525	794	0.4731	0.5353
4	2001	739	642	983	0.3822	0.4323
5	2001	359	293	522	0.7197	0.8142
6	2001	224	208	265	1.4176	1.6038
7	2001	228	215	263	1.4284	1.6160
8	2001	229	213	270	1.3914	1.5741
9	2001	257	238	304	1.2357	1.3980
10	2001	317	259	461	0.8149	0.9219
11	2001	459	357	713	0.5269	0.5961
12	2001	345	326	391	0.9608	1.0870
Annual Average Daily Traffic (AADT)				376		
Annual Average Weekday Traffic (AAWDT)				329		
Annual Average Weekend Traffic (AAWET)				493		
Seasonal Average Daily Traffic (SADT)				425		

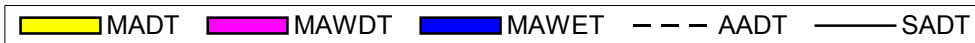
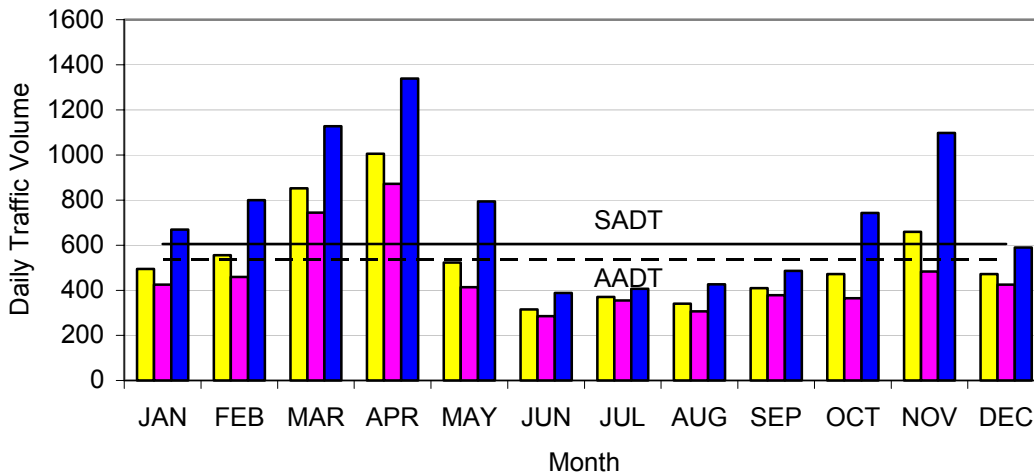


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
SADTF is used to adjust coverage traffic volumes to SADT volume.  
SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

**JOSHUA TREE NATIONAL PARK**

Station: 8013 East West Hwy. - Pinto Basin Rd. to Keys View Rd.

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	495	425	670	0.8051	0.9030
2	2001	556	459	800	0.6743	0.7563
3	2001	853	744	1127	0.4786	0.5368
4	2001	1006	873	1339	0.4029	0.4518
5	2000	523	414	795	0.6785	0.7610
6	2001	315	285	389	1.3867	1.5553
7	2001	370	355	407	1.3253	1.4865
8	2001	340	306	427	1.2633	1.4169
9	2001	410	379	486	1.1099	1.2449
10	2001	473	365	743	0.7260	0.8143
11	2001	659	483	1098	0.4913	0.5510
12	2001	473	426	590	0.9143	1.0254
Annual Average Daily Traffic (AADT)				539		
Annual Average Weekday Traffic (AAWDT)				460		
Annual Average Weekend Traffic (AAWET)				739		
Seasonal Average Daily Traffic (SADT)				605		



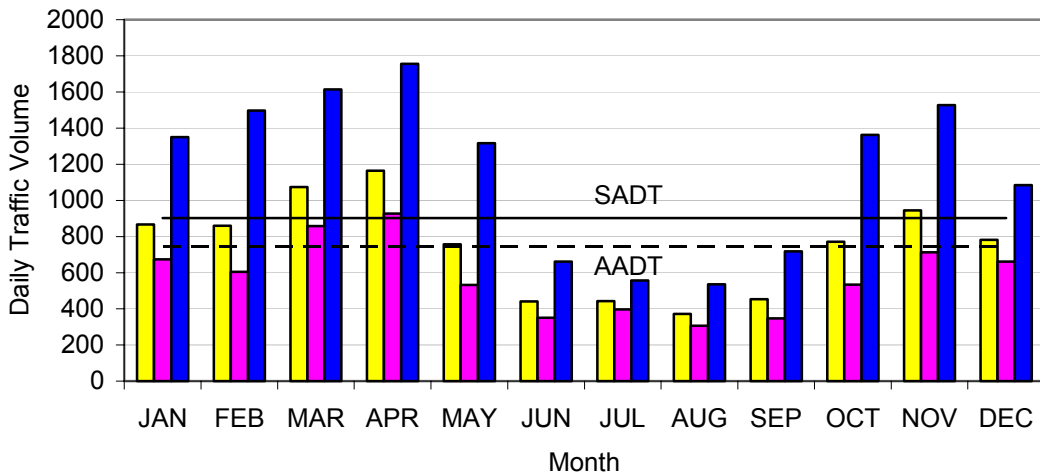
Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.



**JOSHUA TREE NATIONAL PARK**

Station: 8020 East West Hwy. - Keys View Rd. to West 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	867	674	1350	0.5513	0.6689
2	2003	860	605	1497	0.4972	0.6032
3	2003	1074	858	1615	0.4608	0.5591
4	2003	1164	928	1756	0.4238	0.5142
5	2003	757	533	1317	0.5651	0.6856
6	2003	440	351	662	1.1242	1.3640
7	2002	443	397	557	1.3362	1.6212
8	2002	372	306	537	1.3859	1.6816
9	2002	453	347	718	1.0366	1.2577
10	2002	772	535	1362	0.5464	0.6630
11	2002	946	714	1528	0.4871	0.5910
12	2002	783	662	1085	0.6859	0.8323
Annual Average Daily Traffic (AADT)				744		
Annual Average Weekday Traffic (AAWDT)				576		
Annual Average Weekend Traffic (AAWET)				1165		
Seasonal Average Daily Traffic (SADT)				903		

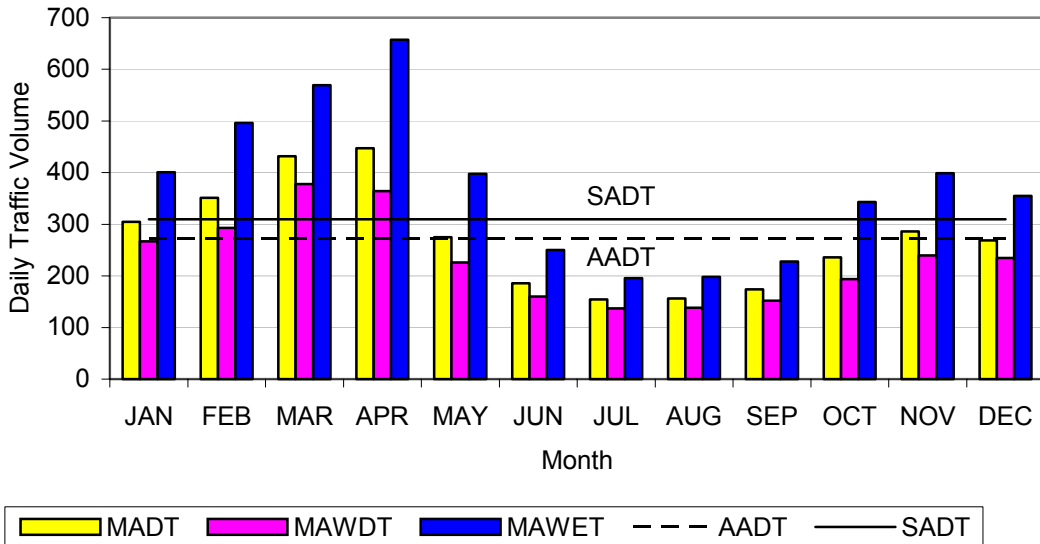


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

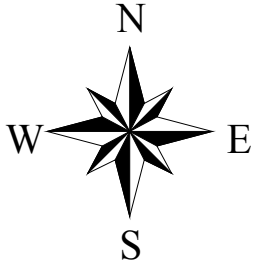
**JOSHUA TREE NATIONAL PARK**

Station: 8030 Cottonwood 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	305	267	401	0.6798	0.7731
2	2003	351	293	496	0.5496	0.6250
3	2003	432	378	569	0.4791	0.5448
4	2003	447	364	657	0.4149	0.4718
5	2003	275	226	398	0.6849	0.7789
6	2003	186	160	250	1.0903	1.2400
7	2002	154	137	196	1.3907	1.5816
8	2002	156	138	198	1.3767	1.5657
9	2002	174	152	228	1.1955	1.3596
10	2002	236	194	343	0.7947	0.9038
11	2002	286	240	399	0.6832	0.7769
12	2002	269	235	355	0.7678	0.8732
Annual Average Daily Traffic (AADT)				273		
Annual Average Weekday Traffic (AAWDT)				232		
Annual Average Weekend Traffic (AAWET)				374		
Seasonal Average Daily Traffic (SADT)				310		



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.



# Joshua Tree National Park

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