

## New York State Department of Transportation Traffic Count Hourly Report

ROUTE #:	I 81	ROAD NAME:	81I	FROM:	JCT RT 20	TO:	JCT RT 11	COUNTY:	Onondaga
DIRECTION:	Northbound	FACTOR GROUP:	40	REC. SERIAL #:	3806	FUNC. CLASS:	11	TOWN:	LAFAYETTE
STATE DIR CODE:	1	WK OF YR:	40	PLACEMENT:	2.5 N of Rte 20	NHS:	yes	BIN:	1031480
DATE OF COUNT:	10/01/2007			@ REF MARKER:	81I33031094			JURIS:	NYS DOT
NOTES LANE 1:	Week 40-Nb Travel			ADDL DATA:	Class Speed			CC Str:	
NOTES LANE 2:	Week 40-Nb Pass			COUNT TYPE:	VEHICLES			BATCH ID:	DOT-SJWr3ww40
COUNT TAKEN BY:	ORG CODE: DOT INITIALS: JSV			PROCESSED BY:	ORG CODE: DOT INITIALS: SJW			HPMS SAMPLE:	10145670

DATE	DAY	AM											PM											DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR		
		12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12	12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10				10 TO 11	11 TO 12
1	M												880	1011	1044	1179	1238	1102	899	584	474	377	311	188				
2	T	141	125	133	121	217	422	968	1589	1486	1093	960	907	918	936	1071	1153	1218	1117	936	712	543	420	325	203	17714	1589	7
3	W	142	121	130	131	229	441	976	1594	1489	1094	958	905	905	924	1061	1266	1358	1246	967	688	523	453	333	235	18169	1594	7
4	T	162	142	145	121	256	467	1004	1551	1550	1120	1028	1018	1033	1059	1212	1334	1512	1412	1193	923	722	610	476	352	20402	1551	7
5	F	265	199	186	184	288	505	991	1562																			
6	S																											
7	S																											
8	M																											
9	T																											
10	W																											
11	T																											
12	F																											
13	S																											
14	S																											
15	M																											
16	T																											
17	W																											
18	T																											
19	F																											
20	S																											
21	S																											
22	M																											
23	T																											
24	W																											
25	T																											
26	F																											
27	S																											
28	S																											
29	M																											
30	T																											
31	W																											

**AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6AM to Fri Noon)**

178	147	148	139	248	459	985	1574	1508	1102	982	943	934	982	1097	1233	1332	1219	999	727	566	465	361	244	18572
-----	-----	-----	-----	-----	-----	-----	------	------	------	-----	-----	-----	-----	------	------	------	------	-----	-----	-----	-----	-----	-----	-------

DAYS Counted	HOURS Counted	WEEKDAYS Counted	WEEKDAY Hours	AVERAGE WEEKDAY		Axle Adj. Factor	Seasonal/Weekday Adjustment Factor	ESTIMATED
				High Hour	% of day			
4	92	4	92	1574	8%	1.000	1.004	<b>AADT 18498</b>



**New York State Department of Transportation  
Classification Count Average Weekday Data Report**

ROUTE #: I 81  
 COUNTY NAME: Onondaga  
 REGION CODE: 3  
 FROM: JCT RT 20  
 TO: JCT RT 11  
 REF-MARKER: 81133031094  
 END MILEPOINT: 0311297  
 FUNC-CLASS: 11  
 STATION NO: 0548  
 COUNT TAKEN BY: ORG CODE: DOT INITIALS: JSV  
 PROCESSED BY: ORG CODE: DOT INITIALS: SJW

ROAD NAME: 811

YEAR: 2007  
 MONTH: October

STATION: 330548

NO. OF LANES: 4  
 HPMS NO: 10145670

DIRECTION	North	South	TOTAL
NUMBER OF VEHICLES	18565	18261	36826
NUMBER OF AXLES	45145	44567	89712
% HEAVY VEHICLES (F4-F13)	21.48%	21.61%	21.54%
% TRUCKS AND BUSES (F3-F13)	36.42%	37.48%	36.95%
AXLE CORRECTION FACTOR	0.82	0.82	0.82

BATCH ID: DOT-SJWr3ww40

VEHICLE CLASS	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	TOTAL	
NO. OF AXLES	2	2	2	2.5	2	3	4	3.5	5	6	5	6	8.75		
ENDING HOUR	1:00	3	75	17	6	7	2	0	9	52	1	4	1	0	177
	2:00	4	54	15	7	4	2	0	8	45	1	6	0	0	146
	3:00	3	44	14	8	4	2	0	7	56	3	6	0	0	147
	4:00	3	43	15	6	5	3	0	6	50	2	5	0	0	138
	5:00	6	94	33	9	14	4	0	15	66	2	4	0	1	248
	6:00	6	223	86	10	21	4	0	18	77	4	9	1	1	460
	7:00	16	563	206	17	49	8	1	20	93	4	8	0	1	986
	8:00	20	1104	234	20	52	5	0	20	106	8	4	0	1	1574
	9:00	14	1068	208	20	48	12	2	17	111	5	3	0	1	1509
	10:00	9	718	161	24	46	11	1	17	103	6	4	1	1	1102
DIRECTION	11:00	8	597	149	19	42	12	1	27	115	7	3	1	1	982
North	12:00	8	572	148	17	44	11	1	26	103	9	2	0	3	944
	13:00	7	580	150	20	37	11	0	23	92	8	1	1	3	933
	14:00	7	611	148	21	48	10	1	27	96	9	1	2	2	983
	15:00	11	689	170	25	57	11	0	26	97	8	1	1	0	1096
	16:00	9	796	205	21	55	10	1	23	105	4	1	2	1	1233
	17:00	10	872	210	17	65	14	0	31	106	5	0	1	0	1331
	18:00	10	818	188	17	45	8	0	26	99	5	1	0	1	1218
	19:00	15	657	137	12	36	9	0	23	105	4	1	0	0	999
	20:00	10	455	94	12	25	5	0	17	103	4	1	0	0	726
	21:00	6	348	72	10	18	5	0	12	89	2	2	0	0	564
	22:00	4	288	56	11	13	3	0	12	73	2	2	0	0	464
	23:00	3	210	38	12	12	4	0	10	65	2	4	1	0	361
	24:00	4	128	21	7	10	2	0	9	56	1	6	0	0	244
TOTAL VEHICLES		196	11607	2775	348	757	168	8	429	2063	106	79	12	17	18565
TOTAL AXLES		392	23214	5550	870	1514	504	32	1502	10315	636	395	72	149	45145
ENDING HOUR	1:00	0	100	19	8	6	0	0	13	60	0	3	0	0	209
	2:00	0	53	12	6	3	0	0	10	52	0	4	1	0	141
	3:00	0	46	11	5	8	0	0	7	46	0	3	1	0	127
	4:00	0	43	10	5	5	0	0	11	53	0	10	2	0	139
	5:00	1	72	16	10	9	2	0	12	54	2	3	1	0	182
	6:00	0	140	58	12	30	2	0	18	52	2	2	1	0	317
	7:00	0	336	104	18	41	6	3	18	62	4	3	1	0	596
	8:00	4	577	159	24	67	8	7	15	80	6	2	2	1	952
	9:00	3	606	183	23	69	7	1	28	107	7	1	2	2	1039
	10:00	4	563	177	21	41	5	1	25	104	7	3	2	1	954
	11:00	3	574	165	25	47	4	2	25	110	4	1	0	1	961
DIRECTION	12:00	2	581	175	29	39	7	3	28	129	4	2	2	1	1002
South	13:00	2	590	174	21	40	6	3	24	116	6	2	1	1	986
	14:00	4	624	176	21	47	5	3	22	110	4	1	0	0	1017
	15:00	4	703	189	22	38	4	2	22	113	4	1	0	1	1103
	16:00	10	888	242	23	44	4	2	20	116	4	1	0	0	1354
	17:00	13	1184	272	18	53	5	1	23	123	4	0	0	0	1696
	18:00	15	1194	263	16	51	3	0	18	124	3	2	0	0	1689
	19:00	5	818	164	17	34	2	0	17	109	3	1	0	0	1170
	20:00	3	545	110	14	18	2	0	11	104	1	8	0	0	816
	21:00	2	410	84	13	18	1	0	16	98	2	9	0	0	653
	22:00	1	323	64	8	10	1	0	10	87	2	10	0	0	516
	23:00	2	230	43	7	4	0	0	9	85	0	6	1	0	387
	24:00	0	139	28	7	6	0	0	9	64	1	1	0	0	255
TOTAL VEHICLES		78	11339	2898	373	728	74	28	411	2158	70	79	17	8	18261
TOTAL AXLES		156	22678	5796	932	1456	222	112	1438	10790	420	395	102	70	44567
GRAND TOTAL VEHICLES		274	22946	5673	721	1485	242	36	840	4221	176	158	29	25	36826
GRAND TOTAL AXLES		548	45892	11346	1802	2970	726	144	2940	21105	1056	790	174	219	89712

**VEHICLE CLASSIFICATION CODES:**

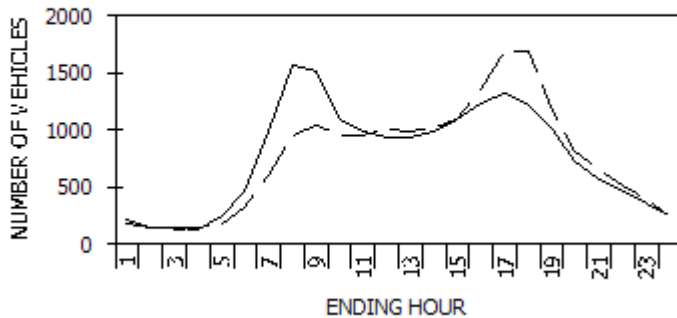
- F1. Motorcycles
- F2. Autos\*
- F3. 2 Axle, 4-Tire Pickups, Vans, Motorhomes\*
- F4. Buses
- F5. 2 Axle, 6-Tire Single Unit Trucks
- F6. 3 Axle Single Unit Trucks
- F7. 4 or More Axle Single Unit Trucks
- F8. 4 or Less Axle Vehicles, One Unit is a Truck
- F9. 5 Axle Double Unit Vehicles, One Unit is a Truck
- F10. 6 or More Double Unit Vehicles, One Unit is a Truck
- F11. 5 or Less Axle Multi-Unit Trucks
- F12. 6 Axle Multi-Unit Trucks
- F13. 7 or More Axle Multi-Unit Trucks

\* INCLUDING THOSE HAULING TRAILERS

**FUNCTIONAL CLASS CODES:**

- | RURAL | URBAN | SYSTEM                        |
|-------|-------|-------------------------------|
| 01    | 11    | PRINCIPAL ARTERIAL-INTERSTATE |
| 02    | 12    | PRINCIPAL ARTERIAL-EXPRESSWAY |
| 02    | 14    | PRINCIPAL ARTERIAL-OTHER      |
| 06    | 16    | MINOR ARTERIAL                |
| 07    | 17    | MAJOR COLLECTOR               |
| 08    | 17    | MINOR COLLECTOR               |
| 09    | 19    | LOCAL SYSTEM                  |

**TRAFFIC FLOW BY DIRECTION**



--- North      - -South

**PEAK HOUR DATA**

DIRECTION	HOUR	COUNT	2-WAY	HOUR	COUNT
North	8	1574	A.M.	9	2548
South	17	1696	P.M.	17	3027

New York State Department of Transportation  
Speed Count Average Weekday Report

Station: 330548  
Route #: I 81 Road name: 811  
From: JCT RT 20  
To: JCT RT 11  
Direction: North  
Lanes: 1, 2

Start date: Mon 10/01/2007 11:00  
End date: Fri 10/05/2007 08:45  
County: Onondaga  
Town: LAFAYETTE  
Speed limit: 65

Count duration: 94 hours  
Functional class: 11  
Factor group: 40  
Batch ID: DOT-SJWr3ww40  
Count taken by: Org: DOT Init: JSV  
Processed by: Org: DOT Init: SJW

Speeds, mph

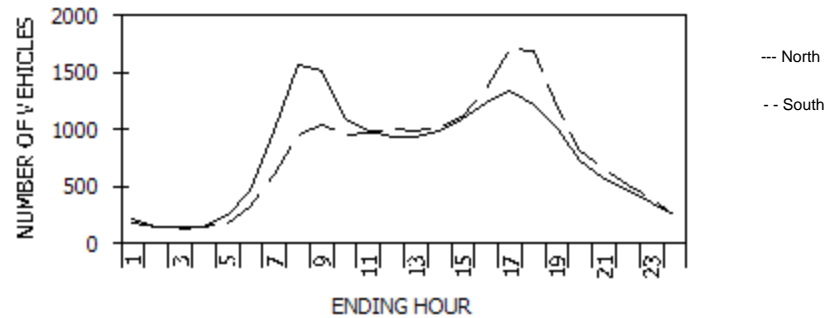
Hour	0.0-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-80.0	80.1-85.0	85.1-115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total
1:00	0	0	0	0	0	0	4	36	76	40	12	7	3	100.0	97.8	77.5	34.8	12.4	68.6	68.3	74.5	178
2:00	0	0	0	0	0	2	5	42	56	28	8	2	2	98.6	95.2	66.2	27.6	8.3	67.1	67.1	73.3	145
3:00	0	0	0	0	0	0	5	46	60	25	8	2	2	100.0	96.6	65.5	25.0	8.1	67.1	67.0	73.0	148
4:00	1	0	0	0	0	0	4	43	56	25	8	2	1	99.3	96.4	65.7	25.7	7.9	66.1	67.0	73.0	140
5:00	1	0	0	0	0	0	6	66	105	49	17	2	1	99.6	97.2	70.4	27.9	8.1	66.8	67.5	73.3	247
6:00	2	0	0	0	0	2	14	104	182	115	32	8	2	99.1	96.1	73.5	34.1	9.1	67.2	68.0	73.9	461
7:00	4	0	0	0	1	2	19	161	367	298	109	20	5	99.3	97.4	81.0	43.8	13.6	68.4	69.2	74.8	986
8:00	5	0	0	0	0	2	28	226	509	516	237	44	9	99.6	97.8	83.4	51.1	18.4	69.3	70.2	76.2	1576
9:00	5	0	0	0	1	6	24	209	446	500	248	61	10	99.2	97.6	83.8	54.2	21.1	69.6	70.7	76.9	1510
10:00	5	0	0	0	1	3	21	180	375	323	147	38	9	99.2	97.3	80.9	46.9	17.6	68.7	69.6	76.0	1102
11:00	4	0	0	0	0	3	28	181	334	282	112	31	8	99.3	96.4	78.0	44.0	15.4	68.4	69.2	75.2	983
12:00	5	0	0	0	0	1	15	150	338	283	114	27	11	99.4	97.8	81.9	46.1	16.1	68.7	69.5	75.5	944
13:00	3	0	0	0	0	2	18	142	331	282	112	35	9	99.5	97.5	82.3	46.9	16.7	69.1	69.6	75.8	934
14:00	2	0	0	0	0	2	15	166	332	292	122	41	10	99.6	98.1	81.2	47.4	17.6	69.3	69.7	76.1	982
15:00	4	0	0	0	0	6	20	166	379	334	140	43	8	99.1	97.3	82.2	47.7	17.4	69.0	69.7	76.0	1100
16:00	6	0	0	0	1	0	14	174	403	398	172	51	14	99.4	98.3	84.2	51.5	19.2	69.3	70.3	76.6	1233
17:00	6	0	0	0	0	2	15	180	412	433	220	57	9	99.4	98.3	84.8	53.9	21.4	69.6	70.7	77.0	1334
18:00	4	0	0	0	0	1	22	148	359	416	192	66	12	99.6	97.8	85.7	56.2	22.1	70.0	71.0	77.3	1220
19:00	5	0	0	0	0	2	13	132	293	326	172	47	12	99.3	98.0	84.8	55.6	23.1	69.7	70.9	77.4	1002
20:00	2	0	0	0	0	2	22	122	239	220	93	20	8	99.5	96.4	79.7	46.8	16.6	68.9	69.6	75.7	728
21:00	2	0	0	0	0	2	14	109	178	180	61	15	4	99.3	96.8	77.5	46.0	14.2	68.4	69.4	74.9	565
22:00	1	0	0	0	0	2	12	86	150	134	60	14	6	99.4	96.8	78.3	46.0	17.2	68.9	69.4	75.9	465
23:00	0	0	0	0	0	0	5	71	128	102	36	14	4	100.0	98.6	78.9	43.3	15.0	69.2	69.1	75.0	360
24:00	0	0	0	0	0	0	7	52	92	58	26	8	2	100.0	97.1	75.9	38.4	14.7	68.6	68.5	75.0	245
Avg. Daily Total	67	0	0	0	4	42	350	2992	6200	5659	2458	655	161	99.4	97.5	81.4	48.1	17.6	69.0	69.8	76.0	18588
Percent	0.4%	0.0%	0.0%	0.0%	0.0%	0.2%	1.9%	16.1%	33.4%	30.4%	13.2%	3.5%	0.9%									
Cum. Percent	0.4%	0.4%	0.4%	0.4%	0.4%	0.6%	2.5%	18.6%	51.9%	82.4%	95.6%	99.1%	100.0%									
Average hour	3	0	0	0	0	2	15	125	258	236	102	27	7									774

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	69.0	69.8	76.0
South	66.3	68.4	74.4

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
North	8	1576		9	2550
South	17	1701		17	3035



New York State Department of Transportation  
Speed Count Average Weekday Report

Station: 330548  
Route #: I 81 Road name: 811  
From: JCT RT 20  
To: JCT RT 11  
Direction: South  
Lanes: 1, 2

Start date: Mon 10/01/2007 11:00  
End date: Fri 10/05/2007 08:45  
County: Onondaga  
Town: LAFAYETTE  
Speed limit: 65

Count duration: 94 hours  
Functional class: 11  
Factor group: 40  
Batch ID: DOT-SJWr3ww40  
Count taken by: Org: DOT Init: JSV  
Processed by: Org: DOT Init: SJW

Speeds, mph

Hour	0.0-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-80.0	80.1-85.0	85.1-115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total	
1:00	3	0	0	0	0	1	13	66	74	38	10	4	1	98.1	91.9	60.5	25.2	7.1	64.4	66.5	72.9	210	
2:00	4	0	0	0	0	1	10	40	53	20	10	2	1	96.5	89.4	61.0	23.4	9.2	62.5	66.5	73.0	141	
3:00	2	0	0	0	0	0	6	40	53	18	6	2	1	98.4	93.8	62.5	21.1	7.0	64.3	66.6	72.2	128	
4:00	4	0	0	0	0	2	11	53	50	16	4	1	1	95.8	88.0	50.7	15.5	4.2	61.4	65.2	70.3	142	
5:00	3	0	0	0	0	1	10	50	74	32	7	3	0	97.8	92.2	64.4	23.3	5.6	64.1	66.8	72.4	180	
6:00	5	0	0	0	0	1	10	79	127	76	15	5	1	98.1	95.0	70.2	30.4	6.6	65.1	67.6	73.3	319	
7:00	11	0	0	0	0	4	28	125	230	156	42	4	1	97.5	92.8	72.0	33.8	7.8	64.8	67.9	73.7	601	
8:00	14	0	0	0	3	7	44	184	334	268	88	11	2	97.5	92.9	73.6	38.6	10.6	65.7	68.4	74.3	955	
9:00	13	0	0	0	0	5	45	206	346	301	103	17	4	98.3	93.9	74.1	40.9	11.9	66.3	68.7	74.5	1040	
10:00	9	0	0	0	0	4	37	201	331	275	83	14	3	98.6	94.8	73.8	39.2	10.4	66.7	68.5	74.3	957	
11:00	10	0	0	0	0	4	40	231	336	251	78	14	3	98.6	94.4	70.5	35.8	9.8	66.2	68.0	74.1	967	
12:00	9	0	0	0	1	6	49	254	345	248	75	14	3	98.4	93.5	68.2	33.9	9.2	66.0	67.7	73.9	1004	
13:00	10	0	0	0	1	7	46	216	352	258	81	15	4	98.2	93.5	71.7	36.2	10.1	66.2	68.1	74.1	990	
14:00	11	0	0	0	2	8	40	224	366	268	82	16	5	97.9	94.0	72.1	36.3	10.1	66.2	68.1	74.1	1022	
15:00	11	0	0	1	1	6	44	232	384	319	89	16	4	98.3	94.3	73.4	38.7	9.8	66.5	68.4	74.2	1107	
16:00	16	0	0	0	1	11	62	283	442	381	131	25	4	97.9	93.4	72.5	39.9	11.8	66.2	68.5	74.5	1356	
17:00	18	0	0	1	1	6	53	311	571	510	184	40	6	98.5	95.4	77.1	43.5	13.5	67.0	69.1	74.8	1701	
18:00	15	0	0	0	1	6	64	268	491	562	243	35	5	98.7	94.9	79.1	50.0	16.7	67.8	70.0	75.7	1690	
19:00	12	0	0	0	1	5	41	216	370	362	134	28	6	98.5	95.0	76.6	45.1	14.3	67.2	69.3	74.9	1175	
20:00	9	0	0	0	2	6	37	182	257	230	78	15	3	97.9	93.4	71.2	39.8	11.7	66.3	68.4	74.5	819	
21:00	6	0	0	0	0	2	31	148	221	171	62	11	3	98.8	94.0	71.5	37.7	11.6	66.6	68.2	74.4	655	
22:00	7	0	0	0	1	2	25	114	172	141	40	11	3	98.1	93.2	71.1	37.8	10.5	65.8	68.2	74.2	516	
23:00	5	0	0	0	0	2	13	96	138	92	32	8	1	98.2	94.8	70.0	34.4	10.6	65.8	67.9	74.1	387	
24:00	2	0	0	1	0	1	13	66	93	57	18	5	2	98.4	93.4	67.8	31.8	9.7	66.1	67.5	73.8	258	
Avg. Daily Total	209	0	0	3	15	98	772	3885	6210	5050	1695	316	67	98.2	94.0	72.8	38.9	11.3	66.3	68.4	74.4	18320	
Percent	1.1%	0.0%	0.0%	0.0%	0.1%	0.5%	4.2%	21.2%	33.9%	27.6%	9.3%	1.7%	0.4%										
Cum. Percent	1.1%	1.1%	1.1%	1.2%	1.2%	1.8%	6.0%	27.2%	61.1%	88.7%	97.9%	99.6%	100.0%										
Average hour	9	0	0	0	1	4	32	162	259	210	71	13	3										763

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	69.0	69.8	76.0
South	66.3	68.4	74.4

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
North	8	1576		9	2550
South	17	1701		17	3035

