

# North Buckhead Civic Association

NBCA, PO Box 420391, Atlanta, GA 30342-0319 – [www.nbca.org](http://www.nbca.org)

# Speed Radar Report

## Old Ivy Road

## Near N. Stratford Road

Westbound Old Ivy Road before N. Stratford

Speed Limit 25 MPH

February 11, 2010 through February 28, 2010

**March 28, 2010**



**North Buckhead Civic Association Traffic Committee**

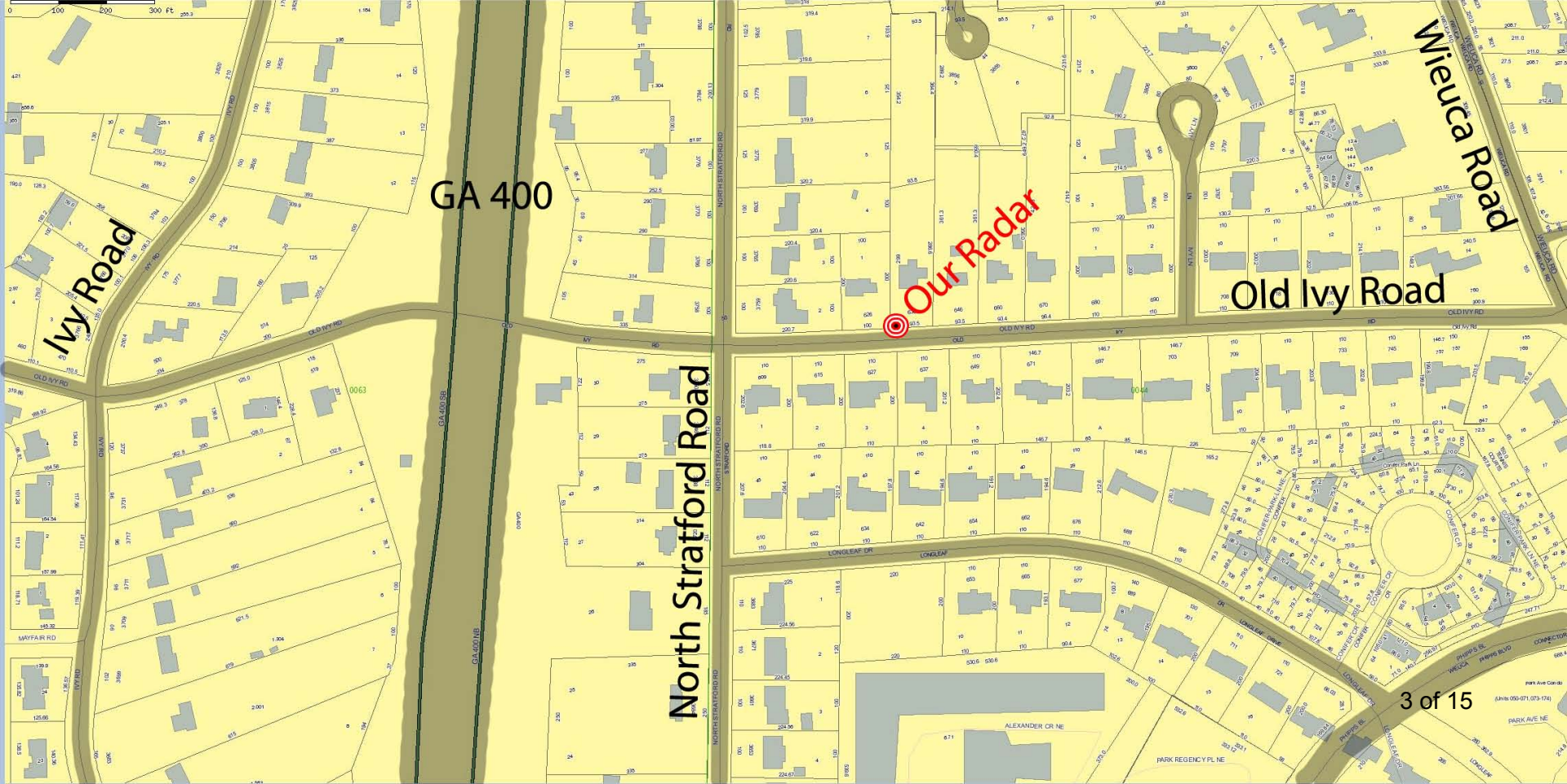
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# Location of Radar on Old Ivy Road





NBCA Radar Data Analysis - REPORT 1 - North Buckhead  
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions

### Average Speed by Day of Week and Time of Day

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	30.6	29.3	33.9	31.2	28.4	29.4	32.9	30.7
01 (1AM)	30.1		25.1	32.4	34.3	30.1	32.0	31.2
02 (2AM)	32.5			34.9	33.7	31.2	33.8	33.3
03 (3AM)	31.9	26.5	32.8	31.8	37.2	28.8	34.5	32.1
04 (4AM)	11.6	27.9	38.9	35.6	28.0	28.8	36.1	23.6
05 (5AM)	12.1	31.7	32.0	30.8	31.9	29.9	29.6	19.1
06 (6AM)	29.4	29.6	30.7	31.2	28.4	33.6	31.1	29.9
07 (7AM)	28.2	26.4	28.2	28.6	28.3	27.5	29.3	28.0
08 (8AM)	28.1	25.1	27.6	27.2	28.3	29.2	30.0	27.8
09 (9AM)	28.5	27.1	28.9	30.2	27.6	30.8	31.9	28.9
10 (10AM)	30.0	30.6	31.0	30.7	30.2	30.3	31.4	30.5
11 (10AM)	31.7	30.3	31.6	31.4	31.0	30.8	32.3	31.3
12 (12PM)	31.3	29.5	31.8	29.2	31.2	31.2	31.8	31.0
13 (1PM)	30.8	30.9	31.9	30.7	32.2	30.2	31.3	31.1
14 (2PM)	30.0	29.0	30.4	30.6	30.7	28.3	31.5	30.2
15 (3PM)	32.0	32.0	32.8	30.9	30.5	30.7	31.3	31.3
16 (4PM)	31.8	31.1	32.2	30.7	29.6	31.7	31.3	31.0
17 (5PM)	31.4	31.6	31.5	31.0	30.4	31.4	31.4	31.1
18 (6PM)	31.0	31.7	31.5	31.8	31.0	32.0	31.7	31.5
19 (7PM)	31.8	31.6	30.9	31.8	29.7	31.6	32.5	31.3
20 (8PM)	31.1	32.3	30.8	32.2	30.7	32.6	31.0	31.4
21 (9PM)	31.0	31.2	30.2	31.4	30.2	30.0	29.8	30.5
22 (10PM)	32.3	33.2	32.2	30.4	29.7	30.5	31.6	30.9
23 (11PM)	32.6	34.8	35.1	32.1	30.1	33.8	33.9	32.8
<b>Grand Total</b>	<b>29.8</b>	<b>29.7</b>	<b>30.7</b>	<b>30.6</b>	<b>29.9</b>	<b>30.8</b>	<b>31.5</b>	<b>30.4</b>

### Percent of Vehicles Speeding by at Least 10 MPH

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	32%	11%	35%	52%	20%	20%	39%	29%
01 (1AM)	33%		31%	34%	33%	24%	29%	29%
02 (2AM)	44%			53%	41%	35%	38%	41%
03 (3AM)	35%	28%	27%	38%	83%	35%	49%	42%
04 (4AM)	3%	23%	82%	71%	33%	17%	47%	25%
05 (5AM)	1%	44%	34%	29%	35%	34%		12%
06 (6AM)	20%	24%	25%	24%	14%	39%	27%	22%
07 (7AM)	13%	13%	14%	16%	15%	19%	22%	15%
08 (8AM)	10%	5%	13%	8%	13%	14%	24%	12%
09 (9AM)	15%	11%	17%	24%	14%	28%	32%	18%
10 (10AM)	19%	24%	25%	26%	23%	32%	30%	25%
11 (10AM)	31%	22%	29%	32%	29%	29%	37%	30%
12 (12PM)	27%	20%	33%	19%	29%	34%	35%	29%
13 (1PM)	27%	25%	31%	27%	34%	29%	31%	29%
14 (2PM)	24%	17%	26%	28%	25%	21%	33%	25%
15 (3PM)	34%	33%	39%	29%	24%	31%	31%	31%
16 (4PM)	31%	29%	31%	27%	20%	32%	30%	28%
17 (5PM)	28%	30%	29%	26%	25%	30%	29%	28%
18 (6PM)	28%	32%	31%	32%	27%	34%	31%	31%
19 (7PM)	32%	29%	27%	32%	25%	30%	38%	30%
20 (8PM)	32%	36%	28%	33%	24%	35%	27%	30%
21 (9PM)	30%	30%	27%	31%	29%	24%	28%	28%
22 (10PM)	38%	39%	36%	29%	22%	26%	29%	29%
23 (11PM)	36%	41%	44%	36%	20%	40%	44%	35%
<b>Grand Total</b>	<b>24%</b>	<b>23%</b>	<b>27%</b>	<b>27%</b>	<b>22%</b>	<b>29%</b>	<b>31%</b>	<b>26%</b>

## NBCA Radar Data Analysis - REPORT 2 - North Buckhead

### Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions

# Avg Speed of Speeders ( 35 MPH & up )

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	36	36	39	40	38	37	38	38
01 (1AM)	37		35	40	40	42	39	40
02 (2AM)	37			40	40	39	38	39
03 (3AM)	36	41	43	37	38	38	38	38
04 (4AM)	36	43	40	37	39	39	43	39
05 (5AM)	39	37	37	37	38	37		37
06 (6AM)	36	37	37	37	38	40	38	37
07 (7AM)	37	38	38	38	38	38	39	38
08 (8AM)	37	38	37	37	38	37	38	38
09 (9AM)	38	38	38	38	38	38	38	38
10 (10AM)	38	38	38	38	38	38	38	38
11 (10AM)	38	38	38	38	38	38	38	38
12 (12PM)	38	38	38	38	38	38	38	38
13 (1PM)	38	38	39	38	38	38	38	38
14 (2PM)	38	38	38	38	38	38	38	38
15 (3PM)	38	38	39	38	38	38	38	38
16 (4PM)	38	38	38	38	38	38	38	38
17 (5PM)	38	38	38	38	38	38	38	38
18 (6PM)	37	38	38	38	38	38	38	38
19 (7PM)	38	38	38	38	38	38	38	38
20 (8PM)	38	38	38	38	38	39	38	38
21 (9PM)	38	38	38	37	38	38	38	38
22 (10PM)	38	40	39	37	37	38	38	38
23 (11PM)	40	41	41	39	37	40	41	40
Grand Total	38	38	38	38	38	38	38	38

## Distribution of Speeders by Day and Hour

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	0%	0%	0%	0%	0%	0%	0%	1%
01 (1AM)	0%		0%	0%	0%	0%	0%	0%
02 (2AM)	0%			0%	0%	0%	0%	0%
03 (3AM)	0%	0%	0%	0%	0%	0%	0%	0%
04 (4AM)	0%	0%	0%	0%	0%	0%	0%	0%
05 (5AM)	0%	0%	0%	0%	0%	0%		0%
06 (6AM)	0%	0%	0%	0%	0%	0%	0%	1%
07 (7AM)	0%	0%	0%	1%	1%	0%	0%	3%
08 (8AM)	1%	0%	1%	0%	1%	0%	1%	3%
09 (9AM)	1%	0%	0%	1%	1%	1%	1%	4%
10 (10AM)	1%	0%	1%	1%	1%	1%	1%	5%
11 (10AM)	1%	0%	1%	1%	1%	1%	1%	6%
12 (12PM)	1%	0%	1%	0%	1%	1%	1%	6%
13 (1PM)	1%	1%	1%	1%	2%	1%	1%	7%
14 (2PM)	1%	0%	1%	1%	1%	1%	2%	7%
15 (3PM)	1%	1%	1%	2%	1%	1%	2%	9%
16 (4PM)	1%	1%	1%	2%	2%	1%	2%	10%
17 (5PM)	2%	1%	1%	2%	2%	1%	1%	10%
18 (6PM)	1%	1%	2%	2%	2%	1%	1%	10%
19 (7PM)	1%	0%	1%	1%	1%	1%	1%	6%
20 (8PM)	0%	0%	1%	1%	1%	1%	0%	4%
21 (9PM)	0%	0%	0%	1%	1%	0%	0%	3%
22 (10PM)	0%	0%	0%	0%	0%	0%	0%	2%
23 (11PM)	0%	0%	0%	0%	0%	1%	0%	1%
Grand Total	15%	8%	12%	16%	20%	13%	16%	100%

NBCA Radar Data Analysis - REPORT 3 - North Buckhead  
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions

### Radar Counts by Date and Time of Day

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	169	53	95	99	290	563	540	1809
01 (1AM)	147		45	87	91	283	396	1049
02 (2AM)	62			111	119	150	257	699
03 (3AM)	60	39	67	37	53	142	152	550
04 (4AM)	274	65	17	97	70	112	55	690
05 (5AM)	1771	151	185	356	211	53	64	2791
06 (6AM)	849	670	762	896	1100	132	165	4574
07 (7AM)	3440	2875	3044	3138	6170	331	477	19475
08 (8AM)	4529	2948	3427	3219	7417	962	1825	24327
09 (9AM)	4261	2648	2401	2580	5463	1661	2413	21427
10 (10AM)	3261	1449	1866	2048	3755	2337	2523	17239
11 (10AM)	3158	1639	1970	1814	3851	2317	2464	17213
12 (12PM)	3406	1950	2007	2206	3973	2633	2812	18987
13 (1PM)	3573	1980	1712	3551	3985	3051	3140	20992
14 (2PM)	3433	2066	2460	4238	4449	3491	4158	24295
15 (3PM)	3668	2402	1983	4552	4660	3215	5099	25579
16 (4PM)	4219	2114	2241	5048	7057	3807	6093	30579
17 (5PM)	5558	2878	3204	6005	7647	3481	3904	32677
18 (6PM)	4156	2407	4675	4734	5774	3220	3083	28049
19 (7PM)	2568	1342	3509	3180	3555	2588	2155	18897
20 (8PM)	1186	946	2363	2086	2890	1671	1497	12639
21 (9PM)	643	705	1563	1930	2178	1659	1119	9797
22 (10PM)	420	464	842	783	1695	1162	616	5982
23 (11PM)	184	222	369	457	940	1174	421	3767
<b>Grand Total</b>	<b>54995</b>	<b>32013</b>	<b>40807</b>	<b>53252</b>	<b>77393</b>	<b>40195</b>	<b>45428</b>	<b>344083</b>

### Maximum Speed by Date and Time of Day

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	41	37	47	53	46	41	45	53
01 (1AM)	43		36	51	48	60	53	60
02 (2AM)	40			47	42	49	48	49
03 (3AM)	37	44	56	38	45	45	44	56
04 (4AM)	37	45	42	40	44	41	45	45
05 (5AM)	41	42	41	42	44	40	32	44
06 (6AM)	46	40	41	42	45	50	45	50
07 (7AM)	44	46	47	50	52	43	43	52
08 (8AM)	49	48	49	44	47	45	45	49
09 (9AM)	53	48	46	50	49	49	48	53
10 (10AM)	50	46	45	50	57	48	52	57
11 (10AM)	49	48	48	46	48	49	51	51
12 (12PM)	51	45	47	61	58	52	47	61
13 (1PM)	48	48	50	52	47	66	51	66
14 (2PM)	51	49	50	50	59	57	50	59
15 (3PM)	53	50	50	51	53	48	50	53
16 (4PM)	50	53	52	51	48	55	54	55
17 (5PM)	51	49	48	52	47	50	48	52
18 (6PM)	47	47	49	50	53	49	52	53
19 (7PM)	57	50	49	54	55	54	53	57
20 (8PM)	51	45	49	51	47	67	47	67
21 (9PM)	50	45	47	49	46	50	45	50
22 (10PM)	45	65	48	45	43	53	42	65
23 (11PM)	45	50	59	46	43	51	56	59
<b>Grand Total</b>	<b>57</b>	<b>65</b>	<b>59</b>	<b>61</b>	<b>59</b>	<b>67</b>	<b>56</b>	<b>67</b>

NBCA Radar Data Analysis - REPORT 4 - North Buckhead  
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions

Average Speed by Date and Time of Day

	02-11	02-12	02-13	02-14	02-15	02-17	02-18	02-19	02-20	02-21	02-22	02-23	02-24	02-25	02-26	02-27	02-28	Grand
Row Labels	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	Total
	Thu	Fri	Sat	Sun	Mon	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
00 (12AM)		28.0	23.9	33.3	30.6		41.6		30.8	32.6	30.6	29.3	33.9	26.0	28.6	32.4		30.7
01 (1AM)		33.2	21.7	31.5	31.9		26.3		34.4	32.2	27.3		25.1	36.4	35.0	31.8		31.2
02 (2AM)		31.0	18.6	32.7	35.1		35.2		34.3	35.9	26.4			34.8	39.0			33.3
03 (3AM)			19.8	35.3	32.7		36.3		33.1	28.9	30.2	26.5	32.8	28.7	37.2			32.1
04 (4AM)		23.0	21.0	43.4	26.8		35.9		30.9	32.5	10.4	27.9	38.9	34.9	35.4			23.6
05 (5AM)		30.4	24.9	29.6	26.5		29.8		33.3	29.6	10.8	31.7	32.0	31.9	32.6			19.1
06 (6AM)		29.0		31.0	30.3		31.9		33.6	31.2	28.7	29.6	30.7	30.9	27.9			29.9
07 (7AM)		28.3	17.2	31.3	30.0				29.4	28.4	27.8	26.4	28.2	28.6	28.3			28.0
08 (8AM)		28.2	22.4	29.4	28.6				30.3	30.6	27.8	25.1	27.6	27.2	28.4			27.8
09 (9AM)		28.9	21.4	32.3	28.6				31.3	31.6	28.4	27.1	28.9	30.2	26.4			28.9
10 (10AM)		30.9	19.4	32.0	31.2				32.2	31.0	28.7	30.6	31.0	30.7	29.5			30.5
11 (10AM)		30.6	25.7	32.4	31.7				32.4	32.3	31.6	30.3	31.6	31.4	31.5			31.3
12 (12PM)		31.5	28.7	31.2	31.6				32.2	32.2	30.9	29.5	31.8	29.2	31.0			31.0
13 (1PM)	32.0	31.4	31.0	30.4	32.6				29.9	32.0	29.3	30.9	31.9	29.9	32.9			31.1
14 (2PM)	31.3	30.2	31.3	31.0	31.8				26.2	31.9	28.0	29.0	30.4	29.9	31.1		31.9	30.2
15 (3PM)	30.2	30.2	31.8	31.4	33.3				30.1	30.3	31.0	32.0	32.8	31.7	30.9		32.2	31.3
16 (4PM)	29.4	28.0	30.3	30.0	32.4			31.9	32.9	31.2	31.2	31.1	32.2	32.1	29.8		33.0	31.0
17 (5PM)	30.8	27.1	32.1	31.8	31.3			31.1	30.9	30.7	31.5	31.6	31.5	31.3	31.6		34.5	31.1
18 (6PM)	31.6	27.4	32.2	31.6	30.5	31.7		32.1	31.8	31.8	31.5	31.7	31.3	32.1	31.5			31.5
19 (7PM)	31.0	24.5	31.8	32.9	32.5	30.1		30.2	31.4	32.2	31.2	31.6	31.5	32.8	31.1			31.3
20 (8PM)	32.1	24.8	33.6	31.1	31.7	31.6		31.0	31.9	30.8	30.8	32.3	30.1	32.2	31.9			31.4
21 (9PM)	30.8	23.9	30.3	31.3		30.6		31.0	29.6	27.2	31.0	31.2	29.9	32.0	31.6			30.5
22 (10PM)	31.6	24.5	29.9	31.5		33.7		30.6	31.1	31.7	32.3	33.2	30.7	28.5	29.6			30.9
23 (11PM)	33.9	23.3	32.8	35.1		37.2		31.3	34.4	32.5	32.6	34.8	34.3	30.8	31.0			32.8
<b>Grand Total</b>	<b>30.9</b>	<b>29.1</b>	<b>30.4</b>	<b>31.4</b>	<b>31.2</b>	<b>31.4</b>	<b>32.1</b>	<b>31.2</b>	<b>31.1</b>	<b>31.4</b>	<b>28.8</b>	<b>29.7</b>	<b>30.6</b>	<b>30.5</b>	<b>30.2</b>	<b>32.1</b>	<b>32.6</b>	<b>30.4</b>

Radar Counts by Date and Time of Day

	02-11	02-12	02-13	02-14	02-15	02-17	02-18	02-19	02-20	02-21	02-22	02-23	02-24	02-25	02-26	02-27	02-28	Grand
Row Labels	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	Total
	Thu	Fri	Sat	Sun	Mon	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
00 (12AM)		104	140	249	123		33		311	291	46	53	95	66	186	112		1809
01 (1AM)		37	74	117	87		35		104	279	60		45	52	54	105		1049
02 (2AM)		78	29	165	44		20		121	92	18			91	41			699
03 (3AM)			46	134	42		15		96	18	18	39	67	22	53			550
04 (4AM)		42	23	18	21		66		89	37	253	65	17	31	28			690
05 (5AM)		63	21	17	153		187		32	47	1618	151	185	169	148			2791
06 (6AM)		580		81	348		242		132	84	501	670	762	654	520			4574
07 (7AM)		3131	53	141	679				278	336	2761	2875	3044	3138	3039			19475
08 (8AM)		3195	132	805	1940				830	1020	2589	2948	3427	3219	4222			24327
09 (9AM)		2739	75	1040	2033				1586	1373	2228	2648	2401	2580	2724			21427
10 (10AM)		1810	357	979	1704				1980	1544	1557	1449	1866	2048	1945			17239
11 (10AM)		2179	542	1200	1682				1775	1264	1476	1639	1970	1814	1672			17213
12 (12PM)		1937	743	1214	1820				1890	1598	1586	1950	2007	2206	2036			18987
13 (1PM)	1435	1966	832	1419	1603				2219	1721	1970	1980	1712	2116	2019			20992
14 (2PM)	2244	2134	1418	1620	1793				2073	1825	1640	2066	2460	1994	2315		713	24295
15 (3PM)	2391	2561	1214	1381	1640				2001	1792	2028	2402	1983	2161	2099		1926	25579
16 (4PM)	2726	2623	1676	2126	2237			1565	2131	2067	1982	2114	2241	2322	2869		1900	30579
17 (5PM)	3233	1585	1405	1734	2523			2916	2076	1930	3035	2878	3204	2772	3146		240	32677
18 (6PM)	2463	1037	1442	1394	2015	2140		2268	1778	1689	2141	2407	2535	2271	2469			28049
19 (7PM)	1787	570	1260	1008	1241	1553		1527	1328	1147	1327	1342	1956	1393	1458			18897
20 (8PM)	1048	315	757	745	363	1063		1249	914	752	823	946	1300	1038	1326			12639
21 (9PM)	957	325	799	705		685		848	860	414	643	705	878	973	1005			9797
22 (10PM)	482	165	622	326		418		930	540	290	420	464	424	301	600			5982
23 (11PM)	197	132	478	225		97		462	696	196	184	222	272	260	346			3767
<b>Grand Total</b>	<b>18963</b>	<b>29308</b>	<b>14138</b>	<b>18843</b>	<b>24091</b>	<b>5956</b>	<b>598</b>	<b>11765</b>	<b>25840</b>	<b>21806</b>	<b>30904</b>	<b>32013</b>	<b>34851</b>	<b>33691</b>	<b>36320</b>	<b>217</b>	<b>4779</b>	<b>344083</b>

NBCA Radar Data Analysis - REPORT 5 - North Buckhead  
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions  
Radar Counts Above Speed Limit ( 26 MPH & up )

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	134	42	93	73	187	420	496	1445
01 (1AM)	101		17	62	91	187	344	802
02 (2AM)	60			105	110	114	248	637
03 (3AM)	57	14	57	33	53	77	146	437
04 (4AM)	26	15	17	95	42	64	53	312
05 (5AM)	133	107	156	308	176	36	59	975
06 (6AM)	603	518	632	746	719	122	135	3475
07 (7AM)	2420	1496	2045	2088	4099	214	360	12722
08 (8AM)	3199	1281	2179	1912	5168	724	1483	15946
09 (9AM)	2878	1691	1700	2002	3491	1386	2152	15300
10 (10AM)	2622	1199	1604	1703	2973	1773	2178	14052
11 (10AM)	2807	1363	1750	1582	3287	1845	2181	14815
12 (12PM)	2914	1487	1746	1605	3445	2189	2408	15794
13 (1PM)	2962	1675	1524	2854	3578	2326	2636	17555
14 (2PM)	2722	1529	1961	3298	3730	2302	3633	19175
15 (3PM)	3297	2080	1792	3720	3846	2657	4449	21841
16 (4PM)	3706	1734	2086	4051	5453	3324	5214	25568
17 (5PM)	4839	2549	2796	4995	6231	3046	3335	27791
18 (6PM)	3558	2086	4019	4162	4907	2888	2784	24404
19 (7PM)	2278	1155	2922	2747	2781	2281	1936	16100
20 (8PM)	1017	879	1992	1884	2421	1520	1256	10969
21 (9PM)	518	583	1293	1670	1710	1349	867	7990
22 (10PM)	340	386	713	656	1320	939	549	4903
23 (11PM)	149	219	357	404	734	1084	360	3307
<b>Grand Total</b>	<b>43340</b>	<b>24088</b>	<b>33451</b>	<b>42755</b>	<b>60552</b>	<b>32867</b>	<b>39262</b>	<b>276315</b>

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	79%	79%	98%	74%	64%	75%	92%	80%
01 (1AM)	69%		38%	71%	100%	66%	87%	76%
02 (2AM)	97%			95%	92%	76%	96%	91%
03 (3AM)	95%	36%	85%	89%	100%	54%	96%	79%
04 (4AM)	9%	23%	100%	98%	60%	57%	96%	45%
05 (5AM)	8%	71%	84%	87%	83%	68%	92%	35%
06 (6AM)	71%	77%	83%	83%	65%	92%	82%	76%
07 (7AM)	70%	52%	67%	67%	66%	65%	75%	65%
08 (8AM)	71%	43%	64%	59%	70%	75%	81%	66%
09 (9AM)	68%	64%	71%	78%	64%	83%	89%	71%
10 (10AM)	80%	83%	86%	83%	79%	76%	86%	82%
11 (10AM)	89%	83%	89%	87%	85%	80%	89%	86%
12 (12PM)	86%	76%	87%	73%	87%	83%	86%	83%
13 (1PM)	83%	85%	89%	80%	90%	76%	84%	84%
14 (2PM)	79%	74%	80%	78%	84%	66%	87%	79%
15 (3PM)	90%	87%	90%	82%	83%	83%	87%	85%
16 (4PM)	88%	82%	93%	80%	77%	87%	86%	84%
17 (5PM)	87%	89%	87%	83%	81%	88%	85%	85%
18 (6PM)	86%	87%	86%	88%	85%	90%	90%	87%
19 (7PM)	89%	86%	83%	86%	78%	88%	90%	85%
20 (8PM)	86%	93%	84%	90%	84%	91%	84%	87%
21 (9PM)	81%	83%	83%	87%	79%	81%	77%	82%
22 (10PM)	81%	83%	85%	84%	78%	81%	89%	82%
23 (11PM)	81%	99%	97%	88%	78%	92%	86%	88%
<b>Grand Total</b>	<b>79%</b>	<b>75%</b>	<b>82%</b>	<b>80%</b>	<b>78%</b>	<b>82%</b>	<b>86%</b>	<b>80%</b>

**NBCA Radar Data Analysis - REPORT 6 - North Buckhead**  
**Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions**  
**Radar Counts Above Speed Limit ( 30 MPH & up )**

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	94	32	81	71	140	280	420	1118
01 (1AM)	81		15	57	86	150	274	663
02 (2AM)	40			87	96	103	220	546
03 (3AM)	50	14	40	25	53	71	135	388
04 (4AM)	21	15	17	94	34	53	44	278
05 (5AM)	71	95	125	216	148	25	45	725
06 (6AM)	450	345	462	571	500	96	108	2532
07 (7AM)	1319	926	1079	1247	2352	140	216	7279
08 (8AM)	1666	514	1158	914	2775	491	1070	8588
09 (9AM)	1766	939	1069	1402	2043	1037	1622	9878
10 (10AM)	1805	856	1169	1238	2115	1418	1575	10176
11 (10AM)	2085	895	1285	1178	2288	1447	1762	10940
12 (12PM)	2140	1022	1337	1151	2444	1773	1923	11790
13 (1PM)	2109	1151	1162	2121	2874	1750	2051	13218
14 (2PM)	1893	943	1411	2540	2754	1588	2866	13995
15 (3PM)	2537	1604	1449	2773	2758	2111	3419	16651
16 (4PM)	2916	1369	1601	3014	3673	2571	4052	19196
17 (5PM)	3744	1905	2102	3805	4423	2279	2551	20809
18 (6PM)	2723	1674	3053	3310	3601	2297	2068	18726
19 (7PM)	1736	912	2137	2133	1955	1639	1549	12061
20 (8PM)	771	691	1477	1493	1819	1194	979	8424
21 (9PM)	378	424	980	1260	1262	892	658	5854
22 (10PM)	288	306	604	506	927	671	400	3702
23 (11PM)	128	184	318	305	531	906	292	2664
<b>Grand Total</b>	<b>30811</b>	<b>16816</b>	<b>24131</b>	<b>31511</b>	<b>41651</b>	<b>24982</b>	<b>30299</b>	<b>200201</b>

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	56%	60%	85%	72%	48%	50%	78%	62%
01 (1AM)	55%		33%	66%	95%	53%	69%	63%
02 (2AM)	65%			78%	81%	69%	86%	78%
03 (3AM)	83%	36%	60%	68%	100%	50%	89%	71%
04 (4AM)	8%	23%	100%	97%	49%	47%	80%	40%
05 (5AM)	4%	63%	68%	61%	70%	47%	70%	26%
06 (6AM)	53%	51%	61%	64%	45%	73%	65%	55%
07 (7AM)	38%	32%	35%	40%	38%	42%	45%	37%
08 (8AM)	37%	17%	34%	28%	37%	51%	59%	35%
09 (9AM)	41%	35%	45%	54%	37%	62%	67%	46%
10 (10AM)	55%	59%	63%	60%	56%	61%	62%	59%
11 (10AM)	66%	55%	65%	65%	59%	62%	72%	64%
12 (12PM)	63%	52%	67%	52%	62%	67%	68%	62%
13 (1PM)	59%	58%	68%	60%	72%	57%	65%	63%
14 (2PM)	55%	46%	57%	60%	62%	45%	69%	58%
15 (3PM)	69%	67%	73%	61%	59%	66%	67%	65%
16 (4PM)	69%	65%	71%	60%	52%	68%	67%	63%
17 (5PM)	67%	66%	66%	63%	58%	65%	65%	64%
18 (6PM)	66%	70%	65%	70%	62%	71%	67%	67%
19 (7PM)	68%	68%	61%	67%	55%	63%	72%	64%
20 (8PM)	65%	73%	63%	72%	63%	71%	65%	67%
21 (9PM)	59%	60%	63%	65%	58%	54%	59%	60%
22 (10PM)	69%	66%	72%	65%	55%	58%	65%	62%
23 (11PM)	70%	83%	86%	67%	56%	77%	69%	71%
<b>Grand Total</b>	<b>56%</b>	<b>53%</b>	<b>59%</b>	<b>59%</b>	<b>54%</b>	<b>62%</b>	<b>67%</b>	<b>58%</b>

NBCA Radar Data Analysis - REPORT 7 - North Buckhead  
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions  
Radar Counts Above Speed Limit ( 35 MPH & up )

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	54	6	33	51	59	114	208	525
01 (1AM)	48		14	30	30	67	115	304
02 (2AM)	27			59	49	53	97	285
03 (3AM)	21	11	18	14	44	50	75	233
04 (4AM)	9	15	14	69	23	19	26	175
05 (5AM)	15	67	63	104	74	18		341
06 (6AM)	170	164	189	219	157	52	45	996
07 (7AM)	438	362	424	516	950	64	106	2860
08 (8AM)	472	136	449	264	929	139	445	2834
09 (9AM)	619	281	405	627	740	460	779	3911
10 (10AM)	622	346	469	539	864	747	763	4350
11 (10AM)	983	356	579	578	1101	665	910	5172
12 (12PM)	921	392	668	429	1137	897	978	5422
13 (1PM)	959	499	524	952	1360	870	960	6124
14 (2PM)	822	345	637	1197	1104	718	1357	6180
15 (3PM)	1246	802	782	1336	1107	998	1576	7847
16 (4PM)	1328	610	696	1355	1398	1228	1830	8445
17 (5PM)	1567	850	918	1582	1949	1032	1137	9035
18 (6PM)	1182	762	1459	1516	1583	1098	961	8561
19 (7PM)	812	394	953	1025	885	786	816	5671
20 (8PM)	381	344	663	679	688	585	404	3744
21 (9PM)	196	215	424	597	628	400	311	2771
22 (10PM)	158	183	300	228	367	301	179	1716
23 (11PM)	66	91	163	166	186	468	186	1326
<b>Grand Total</b>	<b>13116</b>	<b>7231</b>	<b>10844</b>	<b>14132</b>	<b>17412</b>	<b>11829</b>	<b>14264</b>	<b>88828</b>

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	32%	11%	35%	52%	20%	20%	39%	29%
01 (1AM)	33%		31%	34%	33%	24%	29%	29%
02 (2AM)	44%			53%	41%	35%	38%	41%
03 (3AM)	35%	28%	27%	38%	83%	35%	49%	42%
04 (4AM)	3%	23%	82%	71%	33%	17%	47%	25%
05 (5AM)	1%	44%	34%	29%	35%	34%		12%
06 (6AM)	20%	24%	25%	24%	14%	39%	27%	22%
07 (7AM)	13%	13%	14%	16%	15%	19%	22%	15%
08 (8AM)	10%	5%	13%	8%	13%	14%	24%	12%
09 (9AM)	15%	11%	17%	24%	14%	28%	32%	18%
10 (10AM)	19%	24%	25%	26%	23%	32%	30%	25%
11 (10AM)	31%	22%	29%	32%	29%	29%	37%	30%
12 (12PM)	27%	20%	33%	19%	29%	34%	35%	29%
13 (1PM)	27%	25%	31%	27%	34%	29%	31%	29%
14 (2PM)	24%	17%	26%	28%	25%	21%	33%	25%
15 (3PM)	34%	33%	39%	29%	24%	31%	31%	31%
16 (4PM)	31%	29%	31%	27%	20%	32%	30%	28%
17 (5PM)	28%	30%	29%	26%	25%	30%	29%	28%
18 (6PM)	28%	32%	31%	32%	27%	34%	31%	31%
19 (7PM)	32%	29%	27%	32%	25%	30%	38%	30%
20 (8PM)	32%	36%	28%	33%	24%	35%	27%	30%
21 (9PM)	30%	30%	27%	31%	29%	24%	28%	28%
22 (10PM)	38%	39%	36%	29%	22%	26%	29%	29%
23 (11PM)	36%	41%	44%	36%	20%	40%	44%	35%
<b>Grand Total</b>	<b>24%</b>	<b>23%</b>	<b>27%</b>	<b>27%</b>	<b>22%</b>	<b>29%</b>	<b>31%</b>	<b>26%</b>

NBCA Radar Data Analysis - REPORT 8 - North Buckhead  
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions  
Radar Counts Above Speed Limit ( 40 MPH & up )

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	2		12	23	10	11	40	98
01 (1AM)	14			10	17	32	46	119
02 (2AM)	1			29	23	19	29	101
03 (3AM)		7	11		11	11	22	62
04 (4AM)		15	9	6	8	5	22	65
05 (5AM)	5	10	9	13	20	5		62
06 (6AM)	7	10	7	35	37	26	10	132
07 (7AM)	71	83	81	89	181	11	32	548
08 (8AM)	82	32	71	53	197	15	86	536
09 (9AM)	120	51	97	189	181	84	256	978
10 (10AM)	158	84	104	177	166	200	197	1086
11 (10AM)	233	82	181	121	229	188	267	1301
12 (12PM)	209	78	180	85	298	197	273	1320
13 (1PM)	230	114	154	268	320	226	223	1535
14 (2PM)	207	74	187	377	242	131	244	1462
15 (3PM)	296	239	242	377	227	231	273	1885
16 (4PM)	307	143	158	308	287	320	388	1911
17 (5PM)	375	159	189	417	372	246	217	1975
18 (6PM)	179	164	369	345	372	196	209	1834
19 (7PM)	181	90	186	294	194	157	236	1338
20 (8PM)	88	96	130	185	171	162	92	924
21 (9PM)	52	36	102	88	138	103	76	595
22 (10PM)	51	73	109	44	72	83	27	459
23 (11PM)	45	56	79	46	28	199	92	545
<b>Grand Total</b>	<b>2913</b>	<b>1696</b>	<b>2667</b>	<b>3579</b>	<b>3801</b>	<b>2858</b>	<b>3357</b>	<b>20871</b>

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)	1%		13%	23%	3%	2%	7%	5%
01 (1AM)	10%			11%	19%	11%	12%	11%
02 (2AM)	2%			26%	19%	13%	11%	14%
03 (3AM)		18%	16%		21%	8%	14%	11%
04 (4AM)		23%	53%	6%	11%	4%	40%	9%
05 (5AM)	0%	7%	5%	4%	9%	9%		2%
06 (6AM)	1%	1%	1%	4%	3%	20%	6%	3%
07 (7AM)	2%	3%	3%	3%	3%	3%	7%	3%
08 (8AM)	2%	1%	2%	2%	3%	2%	5%	2%
09 (9AM)	3%	2%	4%	7%	3%	5%	11%	5%
10 (10AM)	5%	6%	6%	9%	4%	9%	8%	6%
11 (10AM)	7%	5%	9%	7%	6%	8%	11%	8%
12 (12PM)	6%	4%	9%	4%	8%	7%	10%	7%
13 (1PM)	6%	6%	9%	8%	8%	7%	7%	7%
14 (2PM)	6%	4%	8%	9%	5%	4%	6%	6%
15 (3PM)	8%	10%	12%	8%	5%	7%	5%	7%
16 (4PM)	7%	7%	7%	6%	4%	8%	6%	6%
17 (5PM)	7%	6%	6%	7%	5%	7%	6%	6%
18 (6PM)	4%	7%	8%	7%	6%	6%	7%	7%
19 (7PM)	7%	7%	5%	9%	5%	6%	11%	7%
20 (8PM)	7%	10%	6%	9%	6%	10%	6%	7%
21 (9PM)	8%	5%	7%	5%	6%	6%	7%	6%
22 (10PM)	12%	16%	13%	6%	4%	7%	4%	8%
23 (11PM)	24%	25%	21%	10%	3%	17%	22%	14%
<b>Grand Total</b>	<b>5%</b>	<b>5%</b>	<b>7%</b>	<b>7%</b>	<b>5%</b>	<b>7%</b>	<b>7%</b>	<b>6%</b>

## NBCA Radar Data Analysis - REPORT 9 - North Buckhead

Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions

## Radar Counts Above Speed Limit ( 45 MPH &amp; up )

Row Labels	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Grand Total
00 (12AM)			3	5	5		1	14
01 (1AM)				8	4	18	11	41
02 (2AM)				15		7	8	30
03 (3AM)			5		2	3		10
04 (4AM)		2					5	7
06 (6AM)	4				4	10	4	22
07 (7AM)		5	11	6	15			37
08 (8AM)	16	10	6		12	2	4	50
09 (9AM)	30	8	7	27	14	18	33	137
10 (10AM)	31	4	10	15	29	21	22	132
11 (10AM)	32	15	17	5	21	42	67	199
12 (12PM)	30	1	18	4	44	23	32	152
13 (1PM)	14	20	36	26	9	29	18	152
14 (2PM)	23	5	12	45	58	32	13	188
15 (3PM)	52	44	32	33	23	27	48	259
16 (4PM)	52	19	34	27	31	62	47	272
17 (5PM)	45	16	25	89	31	34	24	264
18 (6PM)	13	18	65	50	45	32	37	260
19 (7PM)	18	9	14	26	37	28	45	177
20 (8PM)	9	4	21	20	32	52	18	156
21 (9PM)	13	1	10	9	12	8	2	55
22 (10PM)	2	35	16	1		37		91
23 (11PM)	2	11	25	11		91	41	181
<b>Grand Total</b>	<b>386</b>	<b>227</b>	<b>367</b>	<b>422</b>	<b>428</b>	<b>576</b>	<b>480</b>	<b>2886</b>

344083 radar entries collected from 2/11/2010 1:18:38 PM through 2/28/2010 5:09:06

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## NBCA Radar Data Analysis - REPORT 10 - North Buckhead

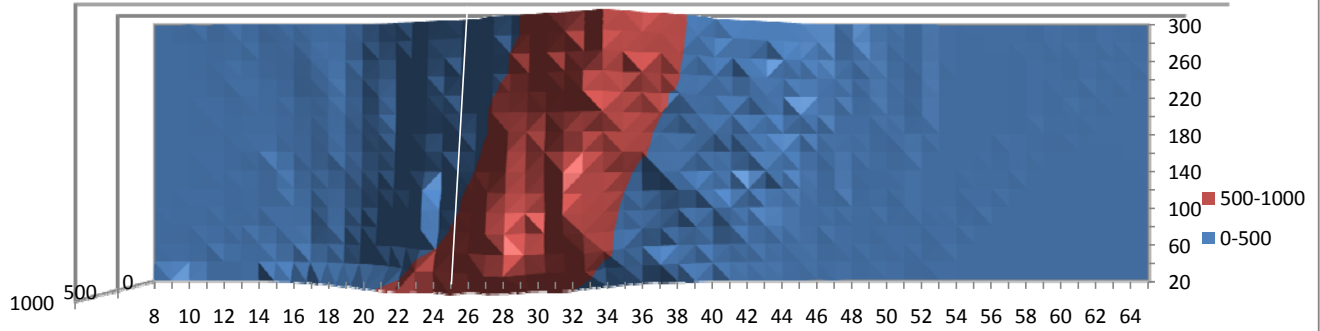
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions

## 85%-ile Speeds by Day of Week and Time of Day

	1-Mon	2-Tue	3-Wed	4-Thu	5-Fri	6-Sat	7-Sun	Total
00 (12AM)	35.5	32.1	38.3	42.0	35.2	34.7	37.7	36.6
01 (1AM)	35.6		34.7	37.6	39.6	37.3	37.5	37.3
02 (2AM)	37.2			43.2	40.5	38.5	37.8	38.8
03 (3AM)	35.3	41.2	41.0	36.4	39.4	38.3	38.8	38.3
04 (4AM)	11.3	42.3	41.2	38.1	37.8	36.1	43.8	37.2
05 (5AM)	13.5	38.1	36.9	36.3	36.4	36.1	30.7	33.0
06 (6AM)	34.6	35.3	35.9	36.0	33.9	39.5	36.5	35.2
07 (7AM)	33.5	33.2	33.6	34.4	34.1	35.2	36.8	33.9
08 (8AM)	32.5	29.5	33.4	32.2	33.2	33.9	35.6	33.0
09 (9AM)	33.9	32.9	34.7	36.5	33.7	36.0	37.6	34.8
10 (10AM)	35.1	35.8	36.3	36.6	35.6	37.2	37.4	36.3
11 (10AM)	36.9	35.7	37.3	37.0	36.5	36.8	37.8	36.9
12 (12PM)	36.4	35.3	37.5	35.1	36.8	37.2	37.6	36.7
13 (1PM)	36.6	36.3	37.2	36.5	37.3	36.8	36.8	36.8
14 (2PM)	35.7	34.5	36.2	37.2	35.8	35.3	36.8	36.1
15 (3PM)	37.4	37.7	38.5	37.0	35.7	36.8	36.7	36.9
16 (4PM)	37.0	36.6	36.8	36.5	35.0	37.3	36.7	36.5
17 (5PM)	36.5	36.4	36.4	36.4	36.1	36.9	36.6	36.4
18 (6PM)	36.2	36.8	36.9	36.9	36.5	36.8	36.6	36.7
19 (7PM)	37.0	36.8	36.4	37.1	35.9	36.4	37.7	36.7
20 (8PM)	36.8	37.9	35.9	37.4	35.8	37.3	36.5	36.6
21 (9PM)	37.3	36.3	36.3	36.5	36.7	36.0	36.3	36.5
22 (10PM)	38.1	39.2	38.3	36.0	35.5	35.9	37.0	36.7
23 (11PM)	40.7	42.0	41.8	38.3	34.9	39.7	41.8	38.9
Grand Total	35.8	35.7	36.4	36.5	35.7	36.7	37.0	36.2

NBCA Radar Data Analysis - REPORT 11 - North Buckhead  
Old Ivy Road @ N Stratford (Westbound) - Speed Limit: 25 MPH Normal Conditions  
Behavior of 9567 vehicles within last 300 ' of radar unit

3D Graph - Count by Speed and Distance from Radar Unit



X axis is speed (MPH); Y axis is distance from radar unit

Selected Speed Percentiles of Vehicles Approaching the Radar

