



JUNE 2008
DMS Usage Report



Summary of Monthly Operations

In the month of June there were 1,679 messages posted with 1,261 DMS activations for 355 events. There were 355 signable events or 100% of the signable events had a DMS message(s) posted.

Note: Manual messages are not included because SunGuide Software does not associate them with an event.

Summary of Average Monthly Operations

- $\frac{1261 \text{ DMS Activations}}{355 \text{ Events}} = \underline{\mathbf{3.55}} \text{ DMS Activations / Event}$
- $\frac{1679 \text{ DMS Messages}}{1261 \text{ DMS Activations}} = \underline{\mathbf{1.33}} \text{ DMS Messages / Activation}$
- $3.55 \frac{\text{DMS Activations}}{\text{Events}} \times 1.33 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{\mathbf{4.72}} \text{ DMS Messages / Event}$

Table 1 DMS Usage for Other Agencies

Agency	Number of Messages
FDOT District 4	107
Florida's Turnpike Enterprise	0
Miami-Dade Expressway Authority	216
Total	323

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	650
Other Districts' Incidents	287
Construction	742
Amber Alert	0
Safety	0
Total	1679

JUNE 2008
DMS Usage Report for Operations

Table 3 DMS Usage by Roadway

Roadway	ID	Location	# of Events	# of Messages	Duration (Hr:Min)	Availability
I-95 Mainline	1	NB I-95 n/ of NW 103 ST	38	53	356:29	98.13%
	22	NB I-95 s/ of NW 62 ST	36	40	252:27	100.00%
	75	NB I-95 s/ of SR 112	63	94	799:57	100.00%
	77	NB I-95 n/ of SW 8 ST	71	100	760:15	100.00%
	2	SB I-95 n/ Ives Dairy RD	16	18	41:28	100.00%
	3	SB I-95 n/ of Miami Gardens DR	28	29	95:38	100.00%
	20	SB I-95 s/ of NW 119 ST	29	37	254:56	100.00%
	21	SB I-95 s/ of NW 62 ST	49	64	387:01	100.00%
	74	SB I-95 s/ of SR 112	53	66	350:15	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	10	13	281:20	100.00%
I-95 Mainline Subtotal			393	514	3579:51	99.81%
I-95 Arterial	109	EB Ives Dairy RD W/ of I-95	27	30	25:10	100.00%
	113	WB Ives Dairy RD e/ of I-95	27	30	25:10	100.00%
	110	EB Miami Gardens DR w/ of I-95	28	40	55:34	71.48%
	111	WB Miami Gardens DR e/ of I-95	31	43	63:44	100.00%
	112	EB NW 103 ST w/ of I-95	43	56	149:29	90.98%
	106	EB NW 79 ST w/ of I-95	62	78	196:57	100.00%
	107	EB NW 54 ST w/ of I-95	72	95	298:15	100.00%
	108	EB SW 8 ST w/ of I-95	47	68	420:56	100.00%
I-95 Arterial Subtotal			337	440	1235:18	95.31%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	34	46	66:23	100.00%
	7	SB Turnpike to the Golden Glades	32	43	74:00	100.00%
	9	NB US-441 @ TRI-Rail	0	0	0:00	N/A
	10	NB SR 9 @ the Detention Center	0	0	0:00	N/A
	8	SB US-441 @ NW 179 ST	0	0	0:00	N/A
Golden Glades Interchange Subtotal			66	89	140:23	100.00%
SR-826	14	NB SR 826 n/ of NW 122 ST	20	26	44:34	100.00%
	4	EB SR 826 e/ of NW 67 AVE	0	0	0:00	N/A
	5	EB SR 826 e/ of NW 37 AVE	29	38	66:47	100.00%
	15	WB SR 826 w/ of NW 17 AVE	6	9	5:23	100.00%
	17	WB SR 826 w/ of NW 47 AVE	12	17	14:50	100.00%
19	WB SR 826 w/ of NW 67 AVE	35	46	65:06	100.00%	
SR-826 Subtotal			102	136	196:42	100.00%
I-75	43	NB I-75 s/ of Miami Gardens DR	8	9	16:50	91.00%
	44	SB I-75 s/ of Miami Gardens DR	18	27	41:32	91.00%
	42	SB I-75 s/ of NW 138 ST	43	64	61:55	100.00%
I-75 Subtotal			69	100	120:18	94.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	2	2	101:58	100.00%
	103	EB SR 112 e/ of Toll Plaza	61	87	498:01	100.00%
	105	WB I-195 e/ of Alton RD	44	58	249:39	100.00%
I-195 Mainline Subtotal			107	147	849:39	100.00%
I-195 Arterial	38	SB Alton RD to WB I-195	26	35	170:13	100.00%
	39	WB 41 ST to WB I-195	24	33	164:51	100.00%
	40	NB Alton RD to WB I-195	26	35	170:10	100.00%
I-195 Arterial Subtotal			76	103	505:14	100.00%
I-395	104	WB I-395 @ Watson Island	78	107	644:15	100.00%
I-395 Subtotal			78	107	644:15	100.00%
US 1 in Miami-Dade Co.	23	NB US-1 n/ of SW 17 AVE	21	30	161:53	84.98%
US 1 in Miami-Dade County Subtotal			21	30	161:53	84.98%
US 1 South of Florida City	62	NB US-1 @ Florida City	0	0	0:00	0.00%
	64	NB US-1 @ Mile Marker 106	2	2	1:46	100.00%
	66	NB US-1 @ Mile Marker 91.5	2	2	1:46	100.00%
	68	NB US-1 @ Mile Marker 39.5	1	1	5:01	100.00%
	71	NB US-1 @ Mile Marker 7.5	1	1	5:01	100.00%
	61	SB US-1 @ Florida City	2	2	5:59	37.64%
	63	SB US-1 @ Mile Marker 113	2	3	6:17	100.00%
	65	SB US-1 @ Mile Marker 106	1	1	5:02	100.00%
	67	SB US-1 @ Mile Marker 91.5	1	1	5:02	100.00%
	69	SB US-1 @ Mile Marker 39.5	0	0	0:00	0.00%
70	SB US-1 @ Mile Marker 7.5	0	0	0:00	0.00%	
US 1 South of Florida City Subtotal			12	13	35:58	67.06%
Grand Total			1261	1679	7469:35	90.75%

* DMS 4, 8, 9, and 10 non-operational, awaiting for capital improvement

JUNE 2008
DMS Usage Report for Operations

Table 4 Number of Messages by Roadway

Sign For Events On	DMS Located Along								
	I-95 Mainline	Golden Glades	I-95 Arterial	SR-826	I-75	I-195	I-395	US 1 in Miami-Dade County	US 1 South of Florida City
Amber Alert*	0	0	0	0	0	0	0	0	0
Safety Messaging*	0	0	0	0	0	0	0	0	0
I-95	378	64	316	16	0	189	62	22	0
I-75	0	0	0	11	21	0	0	0	0
I-195	3	0	3	0	0	41	1	0	0
I-395	14	0	8	0	0	2	7	2	0
SR 826	6	8	9	91	61	0	0	0	0
M-CSWY	0	0	0	0	0	0	0	0	0
US 1 in Miami-Dade County	1	0	3	0	0	0	0	4	0
US 1 South of Florida City	0	0	0	0	0	0	0	0	13
MDX	SR 112	0	17	0	0	13	2	0	0
	SR 836	0	17	3	6	5	35	2	0
	SR 874	0	0	0	0	0	0	0	0
	SR 878	0	0	0	0	0	0	0	0
	SR 924	0	0	6	3	0	0	0	0
District 4	5	17	67	9	9	0	0	0	0
Florida's Turnpike	0	0	0	0	0	0	0	0	0
Subtotal of On Route	378	64	316	91	21	41	7	4	13
Subtotal of Off Route	136	25	124	45	79	209	100	26	0
Total District 6	402	72	339	118	82	232	70	28	13
Other Agencies	112	17	101	18	18	18	37	2	0
Total	514	89	440	136	100	250	107	30	13

Note: *Amber Alert are signed for entire Miami-Dade County, thus is not location-specific event.

*Safety Messages are signed for entire Miami-Dade County, thus is not location-specific event.

On Route – When a DMS signs for an incident on the same route as where the DMS is located

Off Route – When a DMS signs for an incident on different routes from where the DMS is located

