



JULY 2008
DMS Usage Report



Summary of Monthly Operations

In the month of July there were 2,169 messages posted with 1,763 DMS activations for 470 events. There were 470 signable events or 100% of the signable events had a DMS message(s) posted.

Note: DMS messages not associated with an event are not included because the SunGuide Software requirement to associate message does not function properly at this time. Also, 11 of the 2,169 messages were associated with the new US 1 DMS and are not included in tables 1, 3 and 4 in the following report.

Summary of Average Monthly Operations

- $\frac{1763 \text{ DMS Activations}}{470 \text{ Events}} = \underline{\mathbf{3.75}} \text{ DMS Activations / Event}$
- $\frac{2169 \text{ DMS Messages}}{1763 \text{ DMS Activations}} = \underline{\mathbf{1.23}} \text{ DMS Messages / Activation}$
- $3.75 \frac{\text{DMS Activations}}{\text{Events}} \times 1.23 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{\mathbf{4.61}} \text{ DMS Messages / Event}$

Table 1 DMS Usage for Other Agencies (new US 1 DMS and are not included)

Agency	Number of Messages
FDOT District 4	92
Florida's Turnpike Enterprise	0
Miami-Dade Expressway Authority	192
Total	284

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	1101
Other Districts' Incidents	222
Construction	846
Amber Alert	0
Safety	0
Total	2169

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Table 3 DMS Usage by Roadway(new US 1 DMS and are not included)

Roadway	ID	Location	# of Events	# of Messages	Duration (Hr:Min)	Availability
I-95 Mainline	1	NB I-95 n/ of NW 103 ST	80	99	224:43	98.28%
	22	NB I-95 s/ of NW 62 ST	74	97	259:55	100.00%
	75	NB I-95 s/ of SR 112	98	118	534:37	100.00%
	77	NB I-95 n/ of SW 8 ST	83	105	435:23	100.00%
	2	SB I-95 n/ Ives Dairy RD	13	17	21:03	100.00%
	3	SB I-95 n/ of Miami Gardens DR	42	48	98:06	100.00%
	20	SB I 95 s/ of NW 119 ST	36	41	127:31	100.00%
	21	SB I-95 s/ of NW 62 ST	45	58	155:33	100.00%
	74	SB I 95 s/ of SR 112	24	29	77:47	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	7	8	50:29	100.00%
I-95 Mainline Subtotal			502	620	1985:10	99.83%
I-95 Arterial	109	EB Ives Dairy RD W/ of I-95	21	30	24:04	96.48%
	113	WB Ives Dairy RD e/ of I-95	21	30	24:04	96.49%
	110	EB Miami Gardens DR w/ of I-95	60	74	94:53	96.48%
	111	WB Miami Gardens DR e/ of I-95	55	66	92:50	100.00%
	112	EB NW 103 ST w/ of I-95	99	118	285:36	96.48%
	106	EB NW 79 ST w/ of I-95	103	129	301:24	100.00%
	107	EB NW 54 ST w/ of I-95	109	137	310:15	100.00%
	108	EB SW 8 ST w/ of I-95	39	48	135:00	100.00%
I-95 Arterial Subtotal			507	632	1268:10	98.24%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	54	71	98:12	99.19%
	7	SB Turnpike to the Golden Glades	51	62	104:12	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			105	133	202:24	99.60%
SR-826	14	NB SR 826 n/ of NW 122 ST	21	33	41:56	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	44	54	100:34	100.00%
	15	WB SR 826 w/ of NW 17 AVE	19	24	22:04	100.00%
	17	WB SR 826 w/ of NW 47 AVE	23	27	45:55	99.48%
	19	WB SR 826 w/ of NW 67 AVE	36	37	54:38	100.00%
SR-826 Subtotal			143	175	265:09	99.90%
I-75	43	NB I-75 s/ of Miami Gardens DR	0	0	0:00	0.00%
	44	SB I-75 s/ of Miami Gardens DR	0	0	0:00	0.00%
	42	SB I-75 s/ of NW 138 ST	29	35	23:15	100.00%
I-75 Subtotal			29	35	23:15	33.33%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	3	3	1:21	100.00%
	103	EB SR 112 e/ of Toll Plaza	104	128	418:23	100.00%
	105	WB I-195 e/ of Alton RD	69	84	265:32	100.00%
I-195 Mainline Subtotal			176	215	685:16	100.00%
I-195 Arterial	38	SB Alton RD to WB I-195	55	65	243:39	100.00%
	39	WB 41 ST to WB I-195	46	52	221:09	92.78%
	40	NB Alton RD to WB I-195	54	64	238:04	100.00%
I-195 Arterial Subtotal			155	181	702:53	97.59%
I-395	104	WB I-395 @ Watson Island	89	112	295:17	100.00%
I-395 Subtotal			89	112	295:17	100.00%
US 1 in Miami-Dade Co.	23	NB US-1 n/ of SW 17 AVE	26	33	144:43	100.00%
US 1 in Miami-Dade County Subtotal			26	33	144:43	100.00%
US 1 South of Florida City	62	NB US-1 @ Florida City	3	0	1:41	100.00%
	64	NB US 1 @ Mile Marker 106	4	4	13:13	100.00%
	66	NB US 1 @ Mile Marker 91.5	3	3	12:12	89.69%
	68	NB US 1 @ Mile Marker 39.5	3	3	13:08	46.34%
	71	NB US 1 @ Mile Marker 7.5	2	2	12:52	79.78%
	61	SB US-1 @ Florida City	3	3	1:41	56.99%
	63	SB US-1 @ Mile Marker 113	4	4	2:44	90.57%
	65	SB US-1 @ Mile Marker 106	1	1	0:09	88.71%
	67	SB US-1 @ Mile Marker 91.5	2	2	1:12	88.72%
	69	SB US-1 @ Mile Marker 39.5	3	0	13:08	79.76%
	70	SB US-1 @ Mile Marker 7.5	3	0	13:08	77.69%
US 1 South of Florida City Subtotal			31	22	85:12	81.66%
Grand Total			1763	2158	5657:34	90.93%

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

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Table 4 Number of Messages by Roadway (new US 1 DMS and are not included)

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	522	94	500	38	0	287	70	28	0
I-75	0	0	0	21	3	0	0	0	0
I-195	2	0	2	0	0	67	0	0	0
I-395	7	0	4	0	0	1	14	1	0
SR 826	15	22	17	101	28	0	0	0	0
M-CSWY	0	0	0	0	0	0	0	0	0
US 1 in Miami-Dade County	2	2	0	0	0	0	0	4	0
US 1 South of Florida City	0	0	0	0	0	0	0	0	22
MDX	SR 112	0	26	0	0	36	8	0	0
	SR 836	0	19	2	2	5	20	0	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	4	2	0	0	0	0
District 4	4	17	62	9	0	0	0	0	0
Florida's Turnpike	0	0	0	0	0	0	0	0	0
Subtotal of On Route	522	94	500	101	3	67	14	4	22
Subtotal of Off Route	98	41	130	74	32	329	98	29	0
Total District 6	548	118	523	160	31	355	84	33	22
Other Agencies	72	17	107	15	4	41	28	0	0
Total	620	135	630	175	35	396	112	33	22

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

*Safety messages are signed for entire Miami-Dade and Monroe Counties, 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

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