

From:	DeLaCampa, Alejandro </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9243bc641c43446bb1ff859bd1eb1882-DeLaCampa,>
To:	"Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"
Subject:	RE: Whitefish Energy and PREPA (UNCLASSIFIED)
Date:	2017/10/05 18:32:43
Priority:	Normal
Type:	Note

Bien dicho Tito

From: Hernandez, Justo

Sent: Thursday, October 5, 2017 6:30:32 PM

To: Farmer, Robert; DeLaCampa, Alejandro; Hernandez, Patrick L

Cc: Penn, Damon; Gruber, Corey; FEMA-NRCC-NRCSC

Subject: Re: Whitefish Energy and PREPA (UNCLASSIFIED)

Sir,

This is not acceptable. We can't tell the governor that the only contractor they have doing emergency restoration for hospitals in Puerto Rico has to be let go.

If/when i tell the governor of Puerto Rico that the USACE will take up to the end of the month, which is starting now, another month to accommodate USACEs needs the governor will have a problem and will start talking to other governors and senators to ask for lineman, trucks and construction crews. The governor will not wait another month and will not allow USACE to have another month of planning with no action.

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We will not be in a good position on this and the USACE will not look good. Their position will be for the USACE to join whenever they are ready.

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USACE in my opinion is not responsive.

Tito

Sent from Email+ secured by MobileIron

From: "Farmer, Robert" <Robert.Farmer2@fema.dhs.gov>

Date: Thursday, October 5, 2017 at 4:43:33 PM

To: "Hernandez, Justo" <Justo.Hernandez@fema.dhs.gov>, "DeLaCampa, Alejandro" <Alejandro.DeLaCampa@fema.dhs.gov>, "Hernandez, Patrick L" <Patrick.Hernandez@fema.dhs.gov>

Cc: "Penn, Damon" <Damon.Penn@fema.dhs.gov>, "Gruber, Corey" <Corey.Gruber@fema.dhs.gov>, "FEMA-NRCC-NRCSC" <fema-nrcc-nrcsc@fema.dhs.gov>

Subject: FW: Whitefish Energy and PREPA (UNCLASSIFIED)

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Best Regards

Bob

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

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Page 0005 of 2180

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Sender:	DeLaCampa, Alejandro </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9243bc641c43446bb1ff859bd1eb1882-DeLaCampa,>
Recipient:	"Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"
Sent Date:	2017/10/05 18:32:42
Delivered Date:	2017/10/05 18:32:43

From:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
To:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Subject:	RE: Whitefish Energy and PREPA (UNCLASSIFIED)
Date:	2017/10/05 17:44:15
Priority:	Normal
Type:	Note

Yep, and we started this whole private sector thing, so we are in the middle of that food fight too.

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: Farmer, Robert

Sent: Thursday, October 5, 2017 10:42:14 PM

To: Penn, Damon

Subject: RE: Whitefish Energy and PREPA (UNCLASSIFIED)

I spoke with Tito. Alex did not call me back. We also spoke with General Jackson. My problem is I get both sides. I agree waiting until the end of October to “start” is not great. That said, having a large number of disparate folks coming in uncoordinated is a recipe for a disaster.

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: (202) 646-3249

Cell: (202) 306-5972

Robert.Farmer2@fema.dhs.gov

From: Penn, Damon

Sent: Thursday, October 5, 2017 5:40 PM

To: Farmer, Robert <Robert.Farmer2@fema.dhs.gov>

Subject: RE: Whitefish Energy and PREPA (UNCLASSIFIED)

Thanks Bob. Did you get a chance to discuss with Alex or do I need to talk to him tomorrow?

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

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Washington, DC 20472

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Sent: Thursday, October 5, 2017 9:43:32 PM

To: Hernandez, Justo; DeLaCampa, Alejandro; Hernandez, Patrick L

Cc: Penn, Damon; Gruber, Corey; FEMA-NRCC-NRCSC

Subject: FW: Whitefish Energy and PREPA (UNCLASSIFIED)

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E-mail: Robert.farmer2@fema.dhs.gov

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Recipient:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Sent Date:	2017/10/05 17:44:14
Delivered Date:	2017/10/05 17:44:15

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To:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Subject:	RE: Whitefish Energy and PREPA (UNCLASSIFIED)
Date:	2017/10/05 17:40:28
Priority:	Normal
Type:	Note

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Assistant Administrator, Response

DHS-FEMA

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Washington, DC 20472

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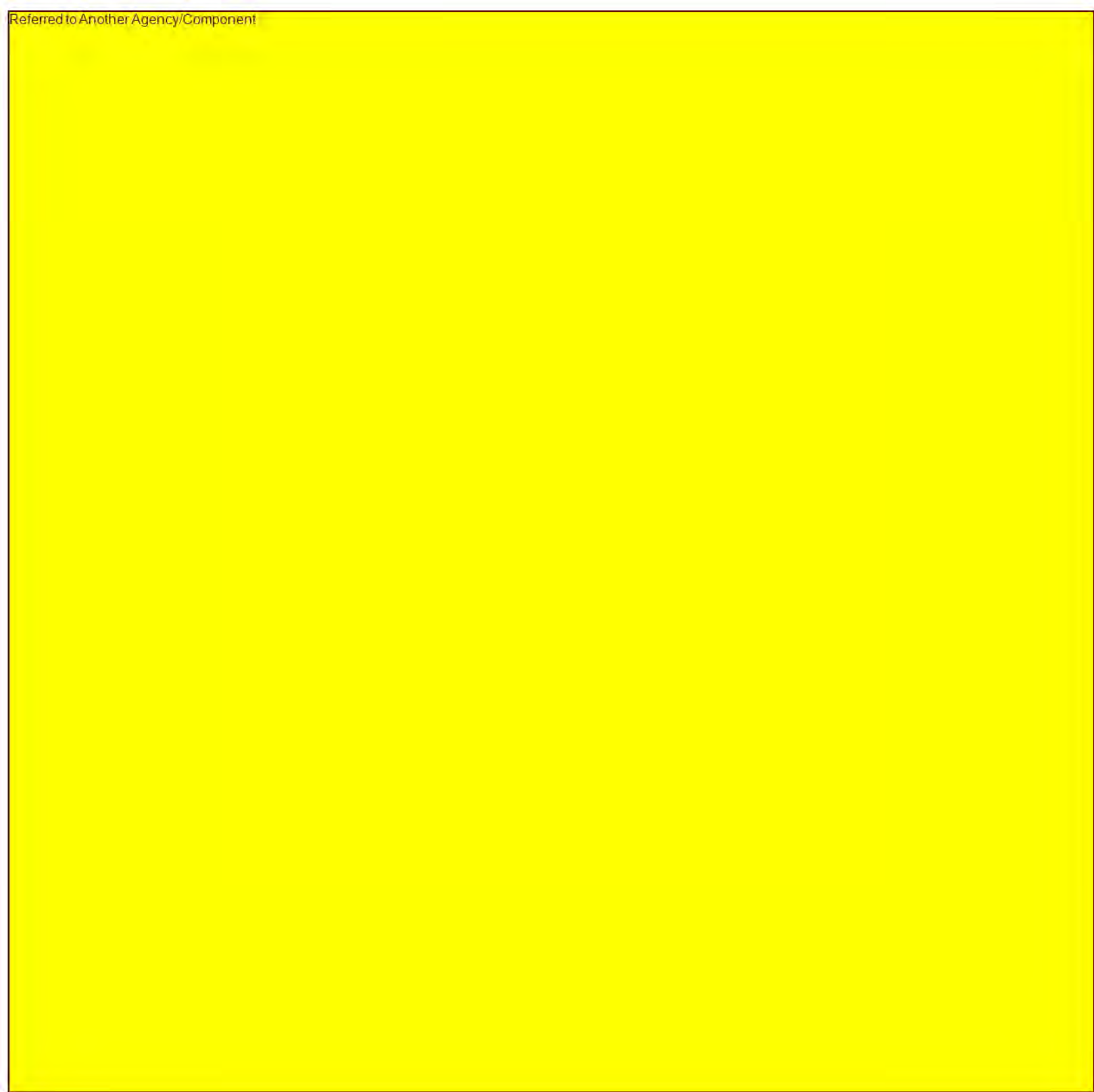
E-mail: Robert.farmer2@fema.dhs.gov

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Sender: Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>

Recipient:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Sent Date:	2017/10/05 17:40:26
Delivered Date:	2017/10/05 17:40:28

From:	Farmer, Robert </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6600EBC0469C478C886962078FB67EA3-FARMER, ROB>
To:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"
Subject:	FW: Whitefish Energy and PREPA (UNCLASSIFIED)
Date:	2017/10/05 18:40:45
Priority:	Normal
Type:	Note

Damon,

Not urgent but if you get the chance I'd welcome the opportunity to discuss

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

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Sent: Thursday, October 5, 2017 6:30:32 PM

To: Farmer, Robert; DeLaCampa, Alejandro; Hernandez, Patrick L

Cc: Penn, Damon; Gruber, Corey; FEMA-NRCC-NRCSC

Subject: Re: Whitefish Energy and PREPA (UNCLASSIFIED)

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USACE in my opinion is not responsive.

Tito

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From: "Farmer, Robert" <Robert.Farmer2@fema.dhs.gov>

Date: Thursday, October 5, 2017 at 4:43:33 PM

To: "Hernandez, Justo" <Justo.Hernandez@fema.dhs.gov>, "DeLaCampa, Alejandro" <Alejandro.DeLaCampa@fema.dhs.gov>, "Hernandez, Patrick L" <Patrick.Hernandez@fema.dhs.gov>

Cc: "Penn, Damon" <Damon.Penn@fema.dhs.gov>, "Gruber, Corey" <Corey.Gruber@fema.dhs.gov>, "FEMA-NRCC-NRCSC" <fema-nrcc-nrcc@fema.dhs.gov>

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Recipient:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"
Sent Date:	2017/10/05 18:40:44
Delivered Date:	2017/10/05 18:40:45

From:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
To:	"DeLaCampa, Alejandro </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9243bc641c43446bb1ff859bd1eb1882-DeLaCampa,>"; "Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"
Subject:	RE: Whitefish Energy and PREPA (UNCLASSIFIED)
Date:	2017/10/05 20:00:35
Priority:	Normal
Type:	Note

Thank you sir. I think we have a few options for the governor. All include Whitefish. I think I understand the situation fully now. We can talk tomorrow.

Try to get some rest.

Damon

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: DeLaCampa, Alejandro

Sent: Friday, October 6, 2017 12:53:16 AM

To: Penn, Damon; Hernandez, Justo

Subject: RE: Whitefish Energy and PREPA (UNCLASSIFIED)

Mr. Penn,

Yes, it is the same situation that we discussed today.

Tito and I are concerned with the possible reaction of the Governor and his Administration. And as he says at the end of the e-mail, they have not been responsive. Since yesterday, they are working in the installation of 3 generators.

Alex

From: Penn, Damon

Sent: Thursday, October 5, 2017 7:37:34 PM

To: Hernandez, Justo

Cc: DeLaCampa, Alejandro

Subject: RE: Whitefish Energy and PREPA (UNCLASSIFIED)

Tito

I've been tracking this today. I will give you a call tomorrow. I'm sure we can figure something out.

Thanks

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DHS-FEMA

500 C Street SW

Washington, DC 20472

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Sent: Thursday, October 5, 2017 11:30:32 PM

To: Farmer, Robert; DeLaCampa, Alejandro; Hernandez, Patrick L

Cc: Penn, Damon; Gruber, Corey; FEMA-NRCC-NRCSC

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Date: Thursday, October 5, 2017 at 4:43:33 PM

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Cc: "Penn, Damon" <Damon.Penn@fema.dhs.gov>, "Gruber, Corey" <Corey.Gruber@fema.dhs.gov>, "FEMA-NRCC-NRCSC" <fema-nrcc-nrcsc@fema.dhs.gov>

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Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

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E-mail: Robert.farmer2@fema.dhs.gov

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Page 0036 of 2180

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Recipient:	"DeLaCampa, Alejandro </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9243bc641c43446bb1ff859bd1eb1882-DeLaCampa,>"; "Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"
Sent Date:	2017/10/05 20:00:34
Delivered Date:	2017/10/05 20:00:35

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To:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"; "Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"
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Cc: "Penn, Damon" <Damon.Penn@fema.dhs.gov>, "Gruber, Corey" <Corey.Gruber@fema.dhs.gov>, "FEMA-NRCC-NRCSC" <fema-nrcc-nrcc@fema.dhs.gov>

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Robert A. Farmer

Deputy Assistant Administrator

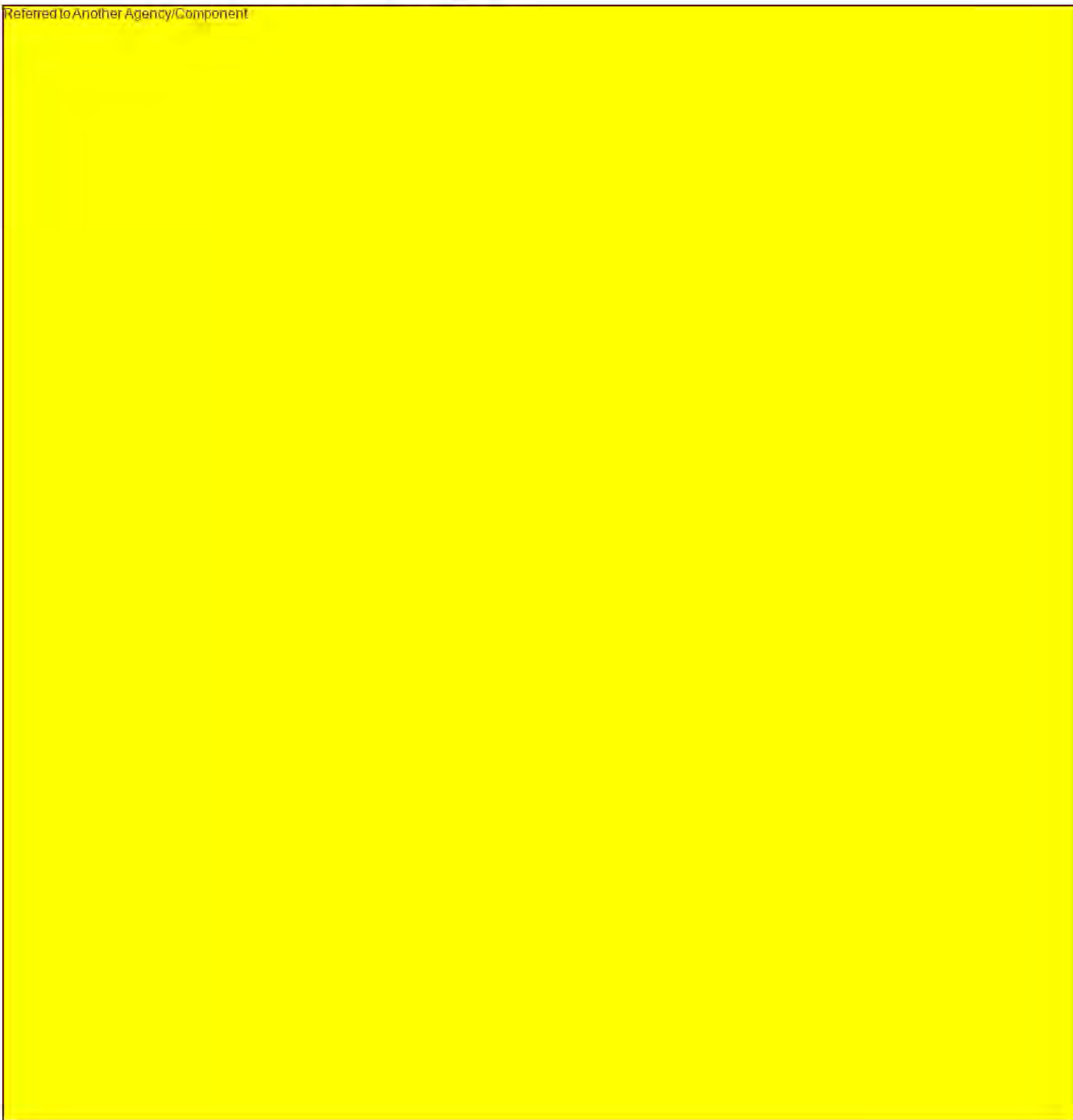
Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

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Page 0044 of 2180

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Recipient:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"; "Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"
Sent Date:	2017/10/05 19:53:16

From:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
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Type:	Note

Tito

I've been tracking this today. I will give you a call tomorrow. I'm sure we can figure something out.

Thanks

Damon

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: Hernandez, Justo

Sent: Thursday, October 5, 2017 11:30:32 PM

To: Farmer, Robert; DeLaCampa, Alejandro; Hernandez, Patrick L

Cc: Penn, Damon; Gruber, Corey; FEMA-NRCC-NRCSC

Subject: Re: Whitefish Energy and PREPA (UNCLASSIFIED)

Sir,

This is not acceptable. We can't tell the governor that the only contractor they have doing emergency restoration for hospitals in Puerto Rico has to be let go.

If/when i tell the governor of Puerto Rico that the USACE will take up to the end of the month, which is starting now, another month to accommodate USACEs needs the governor will have a problem and will start talking to other governors and senators to ask for

lineman, trucks and construction crews. The governor will not wait another month and will not allow USACE to have another month of planning with no action.

They governors secretaries are angry at the way the mission assignment was presented to the governor as there were none of them present and they feel he was forced to sign.

They are angry at the fact they had a plan in place and it was shot down, without reasonable explanations.

There is so much they can take and i have a strong feeling they will start calling senators and congressional who they have on speed dial to get EMAC lineman and Construcccion crews.

We will not be in a good position on this and the USACE will not look good. Their position will be for the USACE to join whenever they are ready.

On another note, USACE has not been responsive in the generator installation. The state is also concerned about their lack of installations. PRASA has a list of over 296 sites and some of them are assessed. The USACE states when they get to the site there is already a generator on site. This is due to the fact the agency is not waiting and is installing generators.

USACE in my opinion is not responsive.

Tito

Sent from Email+ secured by MobileIron

From: "Farmer, Robert" <Robert.Farmer2@fema.dhs.gov>

Date: Thursday, October 5, 2017 at 4:43:33 PM

To: "Hernandez, Justo" <Justo.Hernandez@fema.dhs.gov>, "DeLaCampa, Alejandro" <Alejandro.DeLaCampa@fema.dhs.gov>, "Hernandez, Patrick L" <Patrick.Hernandez@fema.dhs.gov>

Cc: "Penn, Damon" <Damon.Penn@fema.dhs.gov>, "Gruber, Corey" <Corey.Gruber@fema.dhs.gov>, "FEMA-NRCC-NRCSC" <fema-nrcc-nrcc@fema.dhs.gov>

Subject: FW: Whitefish Energy and PREPA (UNCLASSIFIED)

Here is General Jackson's read of the situation. I did mention there seems to be a lack of communication on his teams part. The bottom line is USACE wants to keep Whitefish Energy working now and for the future of the project. When the prime company for USACE gets there at the end of October they would keep Whitefish working and add on. It may be faster to do the USACE proposal and have unity of effort Rather than using EMAC with disparate groups that are difficult to coordinate.

Best Regards

Bob

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

Referred to Another Agency/Component



Page 0051 of 2180

Withheld pursuant to exemption

Referred to Another Agency/Component

of the Freedom of Information and Privacy Act

Sender:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
Recipient:	"Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"; "DeLaCampa, Alejandro </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9243bc641c43446bb1ff859bd1eb1882-DeLaCampa,>"
Sent Date:	2017/10/05 19:37:34
Delivered Date:	2017/10/05 19:37:35

From:	FEMA-NRCC-NRCCSC </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=227B59011BB341F886A1C390A5255C15-FEMA-NRCC-N>
To:	"Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"; "Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"; "DeLaCampa, Alejandro </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9243bc641c43446bb1ff859bd1eb1882-DeLaCampa,>"; "Hernandez, Patrick L </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8e599a4c5b834efa8011755acb5e4809-Hernandez,>"
CC:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"; "Gruber, Corey </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a6af2ed9543b412296a63e530d625cdb-Gruber, Cor>"
Subject:	RE: Whitefish Energy and PREPA (UNCLASSIFIED)
Date:	2017/10/05 18:46:22
Priority:	Normal
Type:	Note

Thanks for the e-mail. Let's re-read in the morning and discuss.

Best Regards,

Bob Farmer
Chief, National Response Coordination Center
Blue – Day Shift
Cell: 202-306-5972
Desk: 202-646-2425

From: Hernandez, Justo
Sent: Thursday, October 05, 2017 6:31 PM
To: Farmer, Robert <Robert.Farmer2@fema.dhs.gov>; DeLaCampa, Alejandro <Alejandro.DeLaCampa@fema.dhs.gov>; Hernandez, Patrick L <Patrick.Hernandez@fema.dhs.gov>
Cc: Penn, Damon <Damon.Penn@fema.dhs.gov>; Gruber, Corey <Corey.Gruber@fema.dhs.gov>; FEMA-NRCC-NRCCSC <fema-nrcc-nrccsc@fema.dhs.gov>
Subject: Re: Whitefish Energy and PREPA (UNCLASSIFIED)

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Tito

Sent from Email+ secured by MobileIron

From: "Farmer, Robert" <Robert.Farmer2@fema.dhs.gov>
Date: Thursday, October 5, 2017 at 4:43:33 PM
To: "Hernandez, Justo" <Justo.Hernandez@fema.dhs.gov>, "DeLaCampa, Alejandro" <Alejandro.DeLaCampa@fema.dhs.gov>, "Hernandez, Patrick L" <Patrick.Hernandez@fema.dhs.gov>
Cc: "Penn, Damon" <Damon.Penn@fema.dhs.gov>, "Gruber, Corey" <Corey.Gruber@fema.dhs.gov>, "FEMA-NRCC-NRCSC" <fema-nrcc-nrcsc@fema.dhs.gov>
Subject: FW: Whitefish Energy and PREPA (UNCLASSIFIED)

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Best Regards

Bob

Bob Farmer
Robert A. Farmer
Deputy Assistant Administrator
Response Directorate, FEMA
Desk: 202-646-3249
Cell: 202-306-5972
E-mail: Robert.farmer2@fema.dhs.gov

Referred to Another Agency/Component



Sender:	FEMA-NRCC-NRCCSC </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=227B59011BB341F886A1C390A5255C15-FEMA-NRCC-N>
Recipient:	"Hernandez, Justo </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d8a2237cd39b4237b2daa27ce19471e7-Hernandez,>"; "Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"; "DeLaCampa, Alejandro </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9243bc641c43446bb1ff859bd1eb1882-DeLaCampa,>"; "Hernandez, Patrick L </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8e599a4c5b834efa8011755acb5e4809-Hernandez,>"; "/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"; "Gruber, Corey </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a6af2ed9543b412296a63e530d625cdb-Gruber, Cor>"
Sent Date:	2017/10/05 18:46:21
Delivered Date:	2017/10/05 18:46:22

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of the Freedom of Information and Privacy Act

Page 0058 of 2180

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Page 0065 of 2180

Withheld pursuant to exemption

Duplicate

of the Freedom of Information and Privacy Act

Page 0066 of 2180

Withheld pursuant to exemption

Duplicate

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From:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
To:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"; "Gruber, Corey </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a6af2ed9543b412296a63e530d625cdb-Gruber, Cor>"
Subject:	RE: Call With General Jackson
Date:	2017/10/05 19:56:44
Priority:	Normal
Type:	Note

Good Bob. I just had a text with Alex. I think we can get this worked out tomorrow. The call is a good idea. Thanks.

Damon

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: Farmer, Robert

Sent: Friday, October 6, 2017 12:51:57 AM

To: Gruber, Corey; Penn, Damon

Subject: Call With General Jackson

Corey/Damon,

I just got off the phone with MG Ed Jackson. He spoke with LTG Seminite (I probably misspelled the name) and the LTG is fine if we want to pay Whitefish Energy under CAT B. They are completely open to the solution. MG Jackson asked if I wanted him to call Tito to discussed. I recommended that we organize a conference call tomorrow with the two of you, perhaps Alex Amparo or Keith Turi, Tito Hernandez, Alex DeLaCampa, (b)(5) and MG Jackson. MG Jackson will be happy to join if we desire.

V/R

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: (202) 646-3249

Cell: (202) 306-5972

Robert.Farmer2@fema.dhs.gov

Sender:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
Recipient:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"; "Gruber, Corey </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a6af2ed9543b412296a63e530d625cdb-Gruber, Cor>"
Sent Date:	2017/10/05 19:56:43
Delivered Date:	2017/10/05 19:56:44

From:	Gruber, Corey </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A6AF2ED9543B412296A63E530D625CDB-GRUBER, COR>
To:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"; "Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Subject:	RE: Call With General Jackson
Date:	2017/10/05 20:38:01
Priority:	Normal
Type:	Note

Concur.

Sent from my iFEMA mobile device.

From: Penn, Damon

Sent: Thursday, October 5, 2017 7:56:43 PM

To: Farmer, Robert; Gruber, Corey

Subject: RE: Call With General Jackson

Good Bob. I just had a text with Alex. I think we can get this worked out tomorrow. The call is a good idea. Thanks.

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Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

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Sent: Friday, October 6, 2017 12:51:57 AM

To: Gruber, Corey; Penn, Damon

Subject: Call With General Jackson

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Sender:	Gruber, Corey </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A6AF2ED9543B412296A63E530D625CDB-GRUBER, COR>
Recipient:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"; "Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Sent Date:	2017/10/05 20:38:00
Delivered Date:	2017/10/05 20:38:01

From:	Farmer, Robert </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6600EBC0469C478C886962078FB67EA3-FARMER, ROB>
To:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"
Subject:	RE: Call With General Jackson
Date:	2017/10/05 21:28:49
Priority:	Normal
Type:	Note

Do want me to have Josh set up the meeting or do you want to take it tomorrow?

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

From: Penn, Damon

Sent: Thursday, October 5, 2017 7:56:43 PM

To: Farmer, Robert; Gruber, Corey

Subject: RE: Call With General Jackson

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DHS-FEMA

500 C Street SW

Washington, DC 20472

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Sent: Friday, October 6, 2017 12:51:57 AM

To: Gruber, Corey; Penn, Damon

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Sender:	Farmer, Robert </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6600EBC0469C478C886962078FB67EA3-FARMER, ROB>
Recipient:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"

Sent Date:	2017/10/05 21:28:48
Delivered Date:	2017/10/05 21:28:49

FEMA NATIONAL RESPONSE COORDINATION CENTER TRIFOLD – Post Tropical Storm Maria

As of September 29, 2017 (5:00 p.m. EDT)

SITUATION

Airport Status: PR: Six military/hurricane relief flights/hour; pre-incident capability 20 flights/hour. Current limiting factors: Combined Center Radar Approach Control off-line, terminal generator/electric power restoration, airport employees needed. **USVI:** St. Croix (STX) scheduled to resume commercial flights October 5, 2017. Finalizing St. Thomas (STT) and STX airport security plans today (ESF-1 Update, September 29, 2017, 1:32 p.m. EDT)

Port Survey Status: USVI: St. Croix: Daily ferry service resumed from 11:00 a.m. to 1:30 p.m. EDT from Gallows Bay, St. Croix to St. Thomas (ESF -1 Update, September 29, 2017, 1:13 p.m. EDT)

Major/Primary Roads and Critical Bridges: PR: Debris removal initiated on major roads (191, 14 and 605) with scheduled recon for four other major roads (167, 778, 740 & 156) (ESF-1 Update, September 29, 2017, 8:38 a.m. EDT). **USVI:** Assessments and debris clearance continues to provide access across island (ESF-3 Update, September 29, 2017, 1:53 p.m. EDT)

Dams: PR: Guajataca Dam debris blockage removal began today. Evacuation order remains, some residents returning to area. Erosion repair to begin October 1 or 2, 2017. Rio Grande de Manati Levee; no breach and immediate danger of breach. USACE teams will conduct inspection to determine extent of damage (ESF-3 Update, September 29, 2017, 12:34 p.m. EDT)

Generators: PR: 35/44 generator pre-install assessments complete; installs at Carolina Police Station and Electric Power Authority Data Center. **USVI:** 112/138 assessments completed; 15 generators installed. Priority facilities: Rohlson Airport, Myah Keating Smith Health Center and Water/Waste Water facilities (ESF-3 Update, September 29, 2017, 10:51 a.m. EDT)

Power Outages/Restorations: PR: San Juan Airport and Marine Terminal re-energized. Repairs to substation and portions of San Juan financial district underway. Estimate replacements needed for 20% of transmission towers with highest number in the SW and NW portions of island. Anticipate 250-300 linemen needed for restoration. PREPA executing contract with Whitefish Energy for additional crews. **USVI:** St. Thomas and St. Croix: Power plants returning to normal. Reenergizing feeders to allow restoration of service to critical facilities, including St. Thomas pump station. Limiting factor remains: Power distribution system island-wide. (DOE SITREP #66, September 29, 2017, EDT, 8:30 a.m. EDT)

Fuel: PR: Fuel is available: limiting factors: distribution issues to debris. 689/1,100 retail gas stations operational. 51 (+18) of 69 functioning with generator fuel. **USVI:** St. Croix reports adequate fuel supply on island for power generation and response efforts. Limiting Factors: Distribution due to power outages, debris, and damage (ESF-12 Update, September 29, 2017, 10:33 a.m. EDT)

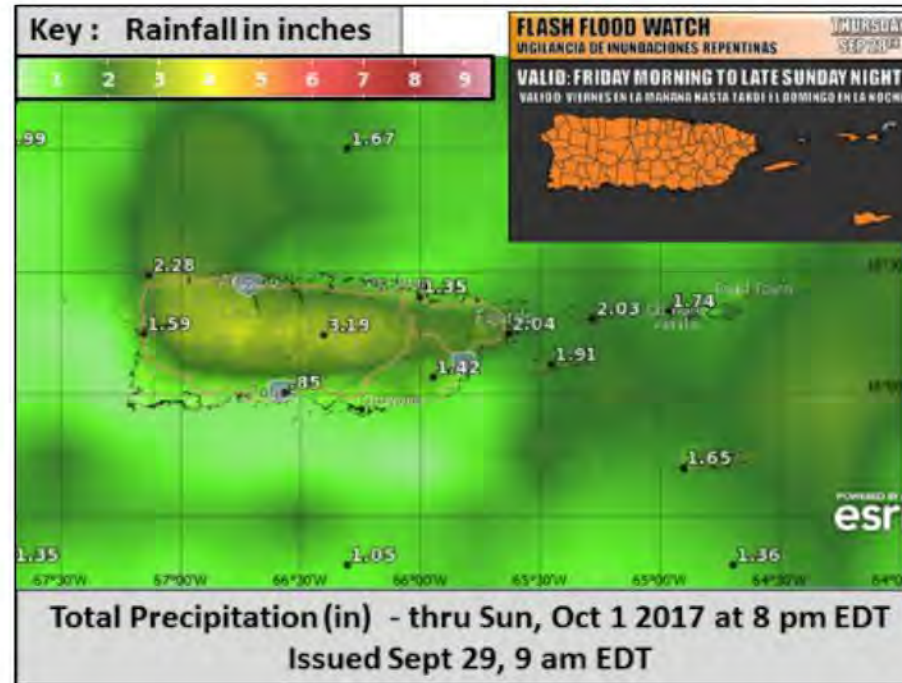
Health & Medical: PR: USNS Comfort departed Norfolk, VA; expected arrival middle of next week. (USCG Update, September 29, 2017, EDT, 2:16 p.m. EDT). 56/64 hospitals accessed are operational. Five closed; seven status unknown. 46/48 dialysis clinics are open (may not be functioning at 100% capacity), two partially operational, and two closed. Shortage of heparin for dialysis centers. Capabilities rely on refueling fuel and water. **USVI:** Caribbean Kidney Center has supplies for three weeks. Twenty-three dialysis patients on island; 10 refuse to leave; 12 with unknown status (ESF-8 Update, September 29, 2017, 1:33 p.m. EDT)

Water: PR: Aqueduct and Sewer Authority (PRASA reports) 45% of customers have access to drinking water with water boil advisory. Most wastewater facilities not operational. **USVI:** Team continues to sample St. Croix drinking water systems. 38/150 public drinking water facilities sampled; four days of emergency water on St. John (ESF-10, September 29, 2017, 12:05 p.m. EDT)

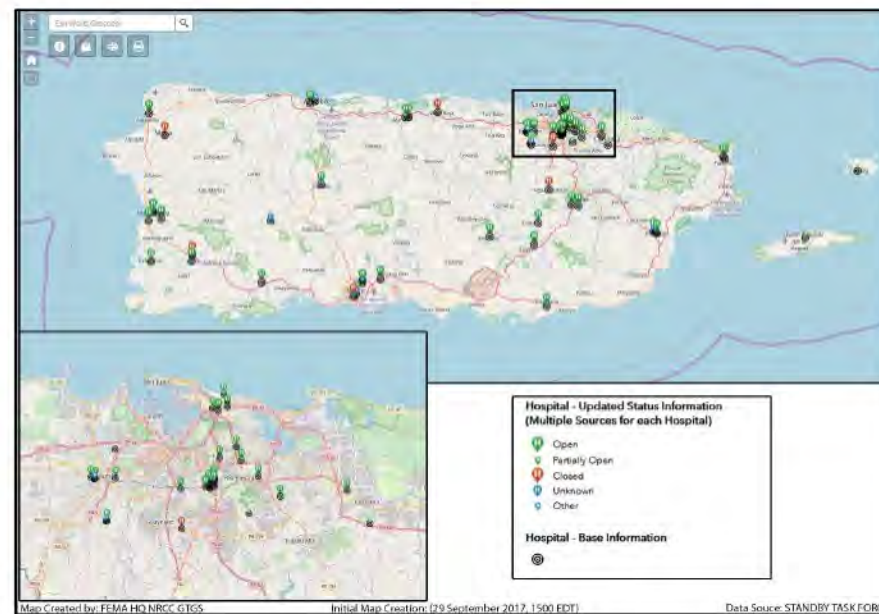
Public Works: PR: 124,000 tarps on order with delivery expected over next 29 days. 1,344 rolls sheeting produced and shipped daily (2 truckloads) (ESF-3 Update, September 29, 2017, 4:00 p.m. EDT)

WEATHER & IMPACTS

Weather: Heavy rainfall in San Juan, PR has occurred over past several hours with the ground primed and saturated. Flash flooding likely across the area. Estimated 2 to 3 inches rainfall has fallen with another 2-4 inches likely each day. Numerous showers and thunderstorms through Sunday night to PR and the USVI, which will aggravate already swollen rivers and low-lying areas. Recovery efforts will need to keep a close eye on thunderstorms during this period, as additional flooding and cloud to ground lightening possible. Guajataca Dam has water overflow over the spillway. Flash Flood Warnings remain in effect through Saturday evening for Isabela and Quebradillas (NW PR); flood warnings for Mayaquez, Hormigueros, Cabo Rojo (SW PR) (NOAA Update, September 29, 2017, 3:56 p.m. EDT)



Hospital Facility Status: (NRCC SAS GIS, Sept. 29, 2017, 3:00 p.m. EDT)

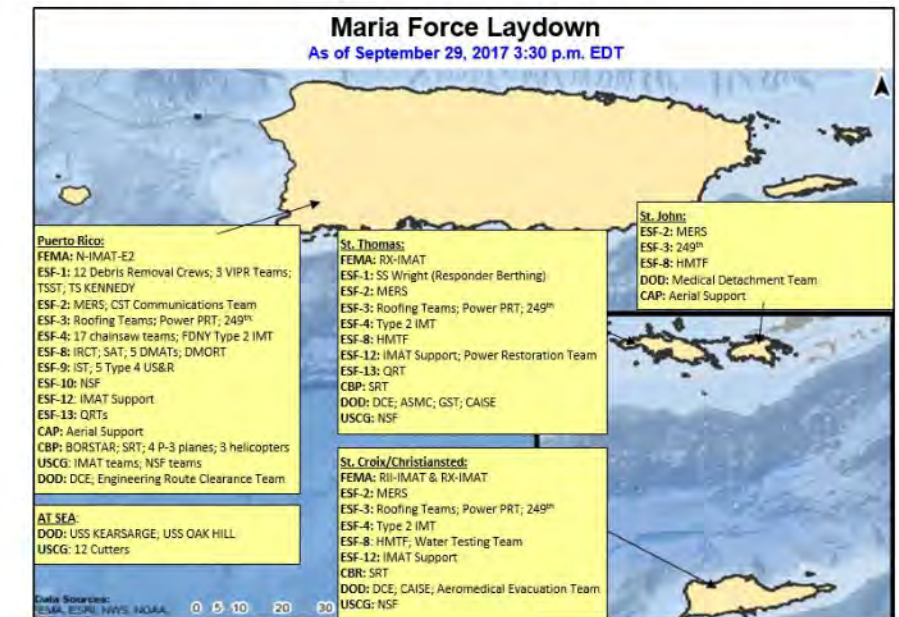


COMMODITIES & FORCE LAYDOWN

Regional Staging Areas and Points of Distribution (NRCC GIS, September 29, 2017, 12:00 P.m. EDT)



Federal Force Laydown: (NRCC SAS, Sept. 29, 2017, 3:30 p.m. EDT)



Page 0076 of 2180

Withheld pursuant to exemption

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of the Freedom of Information and Privacy Act

From:	Tennyson, Stephanie </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DBE5FAB3426845E4833FF135EF56E6B1-TENNYSON, S>
To:	"Phalen, Susan </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=911842a8acdb452d870ff6776801fdb6-Phalen, Sus>"; "Booher, William </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2879f4944c584ab59cf7d75954e97dcd-Booher, Cor>"; "Lainez, Eileen </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=35d93ea41aa744a8a2cd0343861e6aab-Lainez, Eil>"; "Cappannari, Michael L </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7becc63340484a1e875897885bae22a4-Cappannari,>"
Subject:	FW: [EXTERNAL] Questions about grid recovery in Puerto Rico
Date:	2017/10/09 16:04:29
Priority:	Normal
Type:	Note

Many of these needs to go to USACE.

-----Original Message-----

From: Phalen, Susan

Sent: Monday, October 9, 2017 4:03 PM

To: (b)(6)@nsc.eop.gov> (b)(6)@hq.dhs.gov> (b)(6)

(b)(6)@hq.dhs.gov> (b)(6) EOP/WHO (b)(6)@who.eop.gov> (b)(6)

EOP/NSC (b)(6)@nsc.eop.gov>; Booher, William <William.Booher@fema.dhs.gov>; Lainez, Eileen

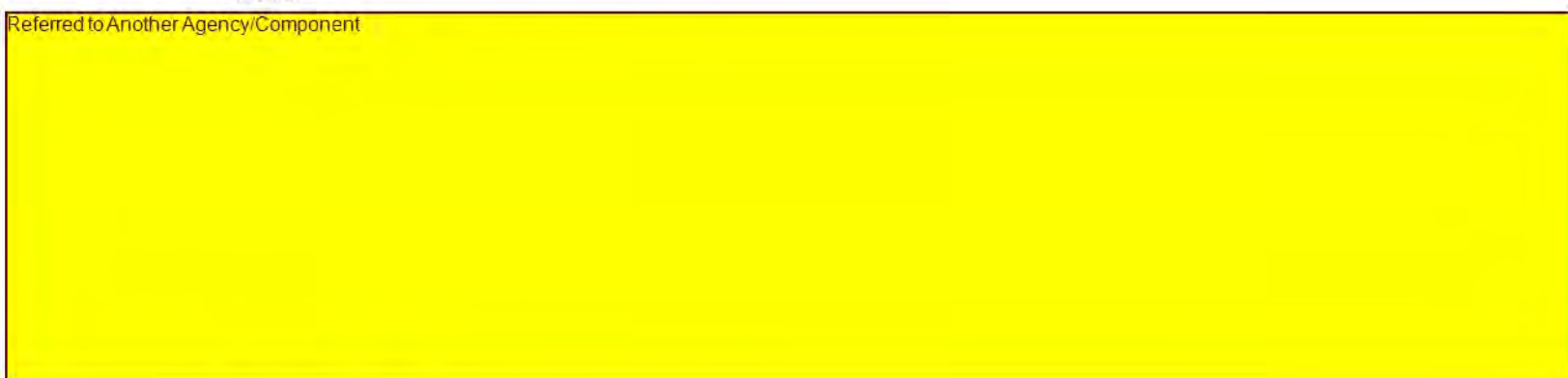
<eileen.lainez@fema.dhs.gov>; Cappannari, Michael L <Michael.Cappannari@fema.dhs.gov>

Cc: Tennyson, Stephanie <stephanie.tennyson@fema.dhs.gov>

Subject: RE: [EXTERNAL] Questions about grid recovery in Puerto Rico

Will do.

Thanks



Begin forwarded message:

From: Peter Behr <pbehr@eenews.net<mailto:pbehr@eenews.net>>

Date: October 9, 2017 at 14:42:33 EDT

To: (b)(6)@nsc.eop.gov<mailto:(b)(6)@nsc.eop.gov>>, (b)(6)

EOP/WHO" (b)(6)@who.eop.gov<mailto:(b)(6)@who.eop.gov>>

Subject: [EXTERNAL] Questions about grid recovery in Puerto Rico

Greetings –

Can we get more detail please on how the decision was made to put the U.S. Army Corps of Engineers in charge of grid restoration in Puerto Rico?

At what level was that decision made, and when was it made?

What information did the administration have that prompted the decision?

Did the decision result from Tom Bossert's visit to Puerto Rico prior to the President's visit?

Did the governor or the chief executive of PREPA request that action?

Was it related to the absence of mutual aid line crews from the mainland?

Was it related to concerns about the security of line workers?

Was it a response to Puerto Rico Electric Power Authority's decision to hire Whitefish Energy to coordinate grid recovery?

Hope we can connect on these questions.

Regards,

Peter Behr
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HURRICANE MARIA

Cash crunch slowed Puerto Rico's appeal for grid help, CEO says

David Ferris<>https://www.eenews.net/staff/David_Ferris<> and Peter Behr<>https://www.eenews.net/staff/Peter_Behr<>, E&E News reporters Published: Monday, October 9, 2017

SAN JUAN, Puerto Rico — The chief executive of Puerto Rico's bankrupt electricity company says he did not ask for help from mainland U.S. utilities before and immediately after Hurricane Maria destroyed the island's grid because the utility couldn't afford to pay anybody back for equipment and manpower.

Ricardo Ramos, chief executive of the Puerto Rico Electric Power Authority (PREPA), in an interview with E&E News on Saturday said the specter of running out of cash in 60 days made him instead turn to the Army Corps of Engineers, which will fund and control the territory's electrical recovery.

"The day that the Corps of Engineers showed up and offered the assistance, we immediately accepted because we knew that financially it was a better model," Ramos said. "The benefit is that I don't have to spend the remaining dollars that are needed for recuperating the system."

Puerto Rico's utility would have been required to make upfront payments or reimbursement guarantees to U.S. utilities sending crews and equipment, Ramos said. He said those payments would have exhausted the utility's \$100 million emergency fund, which is all that remains to keep the utility operating.

The American Public Power Association (APPA) confirmed Friday that the mutual assistance program was not activated after the hurricane hit Puerto Rico on Sept. 20, wiping out nearly all of the transmission and distribution network serving the island's 3.4 million residents. The mutual assistance program is a critical backstop in grid emergencies, channeling repair crews from outside a stricken area to come to its help.

The fragility of Puerto Rico's grid was underscored Sunday when a critical substation in the capital of San Juan temporarily failed, causing power to go out in some of the few areas that have it, including the city's main hospital.

Ramos' comments raise the question of why a rescue plan for Puerto Rico's bankrupt electric company, lying dead center in the Florida Straits hurricane alley, was apparently not on the planning docket of the mainland U.S. electric power industry, the Department of Energy, the Department of Defense and the Federal Emergency Management Agency, or Congress.

While thousands of repair crew members arrived to support grid recovery after mainland hurricane disasters, and the Obama administration deployed Air Force cargo aircraft to ferry crews from western states to help out after Superstorm Sandy, the arrival of help from other U.S. utilities is just beginning.

Michael Hyland, APPA vice president for engineering, said his association of 1,100 U.S. power companies acts as a coordinator after grid emergencies, organizing conference calls to help utilities that need help connecting with public

power companies that have help to send.

The mutual aid agreements and financial arrangements are left up to the individual utilities, he said, and are not arranged by his organization. "Our playbook does not get into that," Hyland said.

Ramos was on several calls among APPA members prior to and just after Hurricane Irma, which struck right before Hurricane Maria, Hyland said. The question of the utility's financial resources "was never brought up in any of the calls."

President Trump handed the Army Corps the lead role in grid recovery last week. The corps will issue three contracts totaling more than \$400 million to improve the island's power plants and rebuild a network of shattered poles and towers, corps spokeswoman Catalina Carrasco said Saturday.

The corps awarded its first contract for the construction of a new 50-megawatt generator at Palo Seco, one of the main power plants in San Juan. The corps said the \$35 million project was assigned to Weston Solutions, a Pennsylvania-based power company.

"This is an important step in our effort to restore power to Puerto Rico," said Brig. Gen. Diana Holland, South Atlantic Division commander, quoted on the corps' website.

Repairing the power grid is a process that includes four main efforts, the corps said: Provide temporary emergency power and spot generation for critical facilities, ensure adequate generation at power plants, reinstall and repair transmission lines, and restore and repair distribution lines.

A desperate call

Interviews with agency and industry representatives raise other unanswered questions about preparations and responses to the crisis, including why disaster assistance anticipated from FEMA would not have reassured U.S. utility companies looking to move in repair crews.

On Sept. 28, just over a week after Maria struck, Trump put Lt. Gen. Jeffrey Buchanan, who heads U.S. Army North, in charge of the federal response in Puerto Rico, and assigned the corps to lead federal efforts to restore power there.

An administration official, who was not authorized to speak for the administration, said the support from U.S. power companies had been slowed in part by concerns about security for crews in the immediate desperate and chaotic aftermath of the storm.

[Wind turbines in Puerto Rico. Photo credit: David Ferris/E&E News]

The gusts of Hurricane Maria snapped turbine blades at the 23-megawatt Punta Lima wind farm in Puerto Rico. David Ferris/E&E News

The assignment of the corps to lead grid recovery has been followed up by new pledges of support from mainland utilities, the first of which was announced Thursday by JEA, the Jacksonville, Fla.-based power company.

In a conference call Thursday, JEA said 41 line crew and direct support personnel were about to leave for Puerto Rico to assist in grid reconstruction, the first step of what will include more mainland repair teams.

JEA said it was working with the corps, Whitefish Energy, Crowley Maritime, TOTE Maritime and the Jacksonville Port Authority to deploy line crews and equipment, and to coordinate logistics to support operations in Puerto Rico.

JEA Chief Executive Paul McElroy said the company has committed assets for up to 90 days. "They will be working in extremely dangerous conditions doing extremely dangerous work," he said. "They are the electric industry's first responders, and Jacksonville is very proud of them."

PREPA has also hired crews that will work independently of the corps to make emergency fixes.

The main one is Whitefish Energy, a small Montana company that was acquired two years ago by COMTRAFO Brazil, a maker of electrical transformers. Whitefish entered PREPA's orbit during the interval between Irma and Maria, the two hurricanes that lashed Puerto Rico this season. Ramos said that it put out a request for repairs to its transmission lines after Irma and that Whitefish was one of only two mainland companies that responded.

Before the contract with Whitefish could be activated, Maria struck and cut off PREPA's communications with the outside world, according to Ramos. PREPA also lost contact with APPA immediately following the hurricane, he said, which was a factor in the decision not to request assistance under the APPA mutual aid program.

"If we wouldn't have lost communications the day after Maria, I would have called mutual aid, and I would have contracted Whitefish as well," said Ramos, who said the island's devastated communication system meant he had no access to email until Friday, almost two weeks after the storm. That explanation adds a confusing element to PREPA's

dire situation: If communications had not failed, would PREPA have proceeded to seek mainland utilities' help notwithstanding demands for the upfront payments he described?

Whitefish got the go-ahead to head to Puerto Rico, not from Ramos but from PREPA's procurement employees, who had a satellite phone and Whitefish's phone number, Ramos said. He did not explain why that communication source was unavailable to him.

Whitefish will be responsible for repairing four transmission lines, about 30 miles long, that connect the southern coast with the capital city and the surrounding region, Ramos said. Whitefish said on social media that it is committing an initial 200 power line employees and may add 200 or 300 more.

Ramos added that, despite PREPA's hobbled finances, it plans to hire companies to fix its grid other than Whitefish. "They won't be the last," Ramos said.

David Ferris reported from Puerto Rico and Peter Behr from Washington.

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Sender:	Tennyson, Stephanie </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DBE5FAB3426845E4833FF135EF56E6B1-TENNYSON, S>
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Senior Leadership Briefing and Recovery Snapshots

Tropical Storm Maria and Post-Tropical Cyclones Irma and Harvey

Tuesday, October 3, 2017 (5:00 a.m. EDT)
Updates in Blue

Current Situation:

Isolated afternoon showers and thunderstorms will be possible across western and northern Puerto Rico, mainly in the afternoon hours today. These storms could have brief, heavy rain. By Wednesday afternoon there will be an increase in interior afternoon thunderstorm activity, then showers develop over coastal sections of southeast Puerto Rico overnight. On Thursday, more widespread moderate to heavy rainfall will occur over interior and northwestern Puerto Rico and the US Virgin Islands, which will lead to local urban and small stream flooding and likely some larger effects on main stem rivers. A flash flood warning remains in effect for northeast Isabela and central Quebradillas because of structural issues for Guajataca Dam. Tropical moisture will increase again toward the end of the week; increasing the threat of widespread heavy rainfall, localized mudslides and debris flows. Afternoon heat indices will reach into the mid to upper 90s. (NOAA Update, October 3, 2017, 3:00 a.m. EDT)

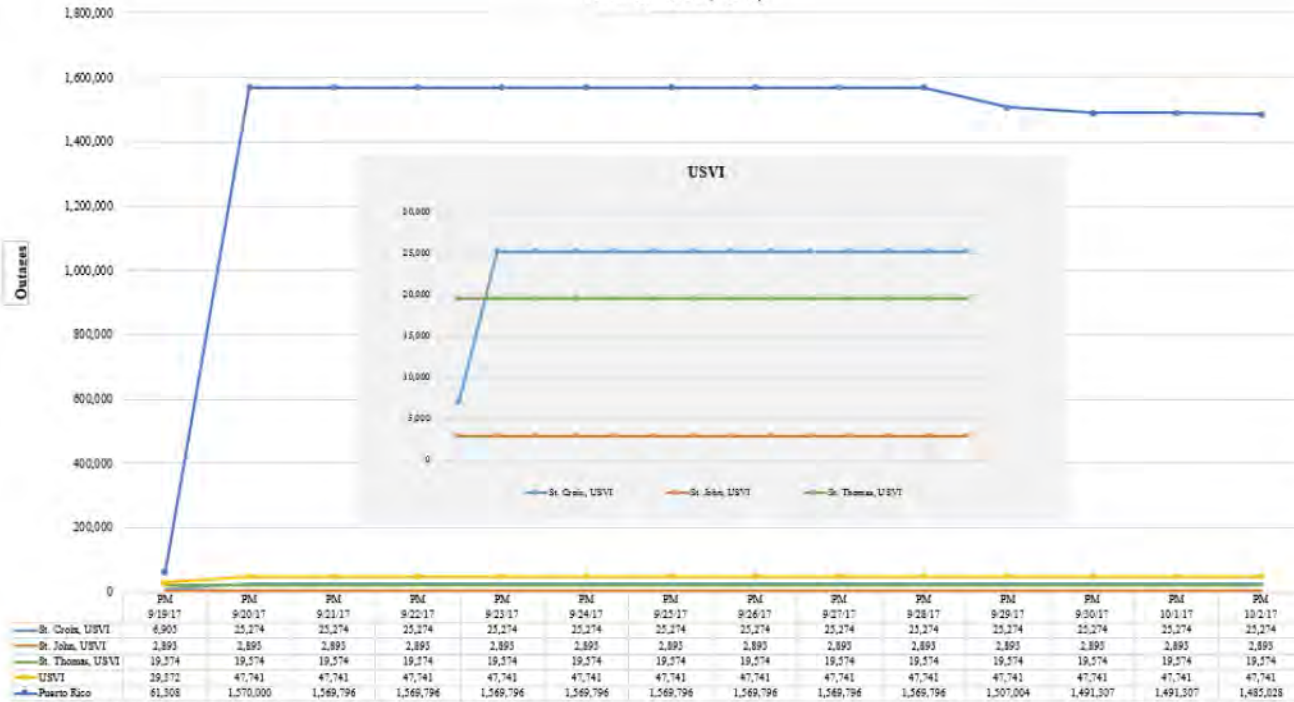


Impact Summary:

Population Impacts						
Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
PR	16 confirmed fatalities	Shelters: 139 (-6) Pop: 10,063 (-113)	5.4% (+0.4%) of customers have electricity Estimate 20% of transmission towers need to be replaced	One hospital Closed; 66 Hospitals Open 15 (22%) hospitals connected to grid power; 51 are functioning under degraded status VA hospitals: Eight open, one closed	Curfew in effect from 9:00 p.m. to 5:00 a.m.	53 (-5) of 68 Federal Government buildings closed 65% of grocery and big box stores open
USVI	Five confirmed fatalities	USVI Shelters: Seven Pop: 555 St. Thomas: Shelters: Two Pop: 247 St. John: Shelters: Two Pop: 24 St. Croix: Shelters: Three Pop: 284	Percentage of customers that have electricity: St. Thomas: (15%) St. John: (0%) St. Croix: (10%)	Schneider Regional Medical Center on St. Thomas and Governor Juan Luis on St. Croix condemned; established mobile medical facility in St. Thomas; St. Croix waiting for mobile medical facility to be established, 33 HHS Health and Medical Task Force personnel providing interim support VA hospitals: Both opened October 2	Curfew in place from 6:00 p.m. to 6:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 6:00 p.m. to 10:00 a.m.	Planning for public schools to reopen October 9 15 of 19 Federal Government buildings closed
As of:	October 1 8:00 p.m. EDT	October 3 4:18 a.m. EDT	October 2 12:00 p.m. EDT	October 3 12:49 a.m. EDT	October 1 10:00 p.m. EDT	October 2 1:20 p.m. EDT

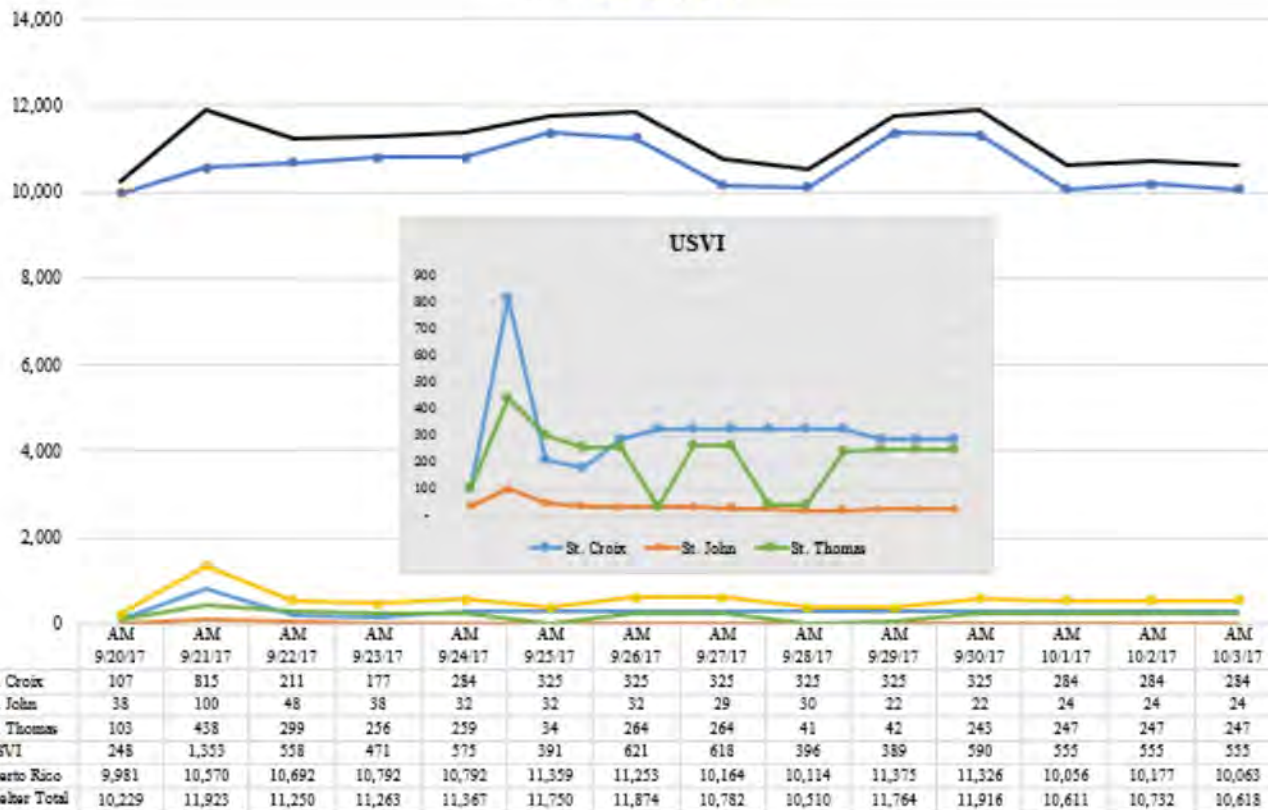
(ESF-5, ESF-6, ESF-7, ESF-8, ESF-12, ESF-15, PREMA, VA OHA)

Power Outages
Total: 1,580,510 (-6,279)



*Due to ongoing restoration efforts, the USVI power numbers reflect initial outage reporting. Updates will be provided as they become available. (ESP-11 Update, October 02, 2017, 1:31 p.m. EDT)

Shelter Population
Total: 10,618 (-114)



*Due to limited communications, there are delays in regular shelter reporting. Updates will be provided as they become available. (ESP-6 Update, October 02, 2017, 4:00 a.m. EDT)

Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
PR	<p>10 of 10 airports open</p> <p>San Juan Airport open for commercial flights</p> <p>Temporary flight restrictions in place for October 3 for POTUS visit</p>	<p>Four ports open: San Juan, Guayanilla, Salinas, Tallaboa</p> <p>Nine (+1) ports open with restrictions: Mayaguez, Arecibo, Fajardo, Vieques, Culebra, Guayama, Ponce, Yabucoa, and Roosevelt Roads</p> <p>One deep water port closed: Guanica (low priority)</p>	<p>17 (+2) roads open</p> <p>1,072 (-2,137) public road incidents reported (landslides, waterway issues, blockages, bridges, etc.)</p>	<p>755 of 1,100 retail gas stations operational</p>	<p>Boil Water Advisory issued island-wide</p> <p>Of 52 waste water treatment plants, nine operational, 19 non-operational, 24 unknown</p> <p>230K people rely on Guajataca Dam for water</p>	<p>11.7% (+.4) of island with cell service; service around SJU airport restored</p> <p>Public Safety Answer Points (PSAPs)/911 centers operational</p>
USVI	<p>St. Thomas open and receiving commercial aircraft; must contact tower 20 minutes out</p> <p>St. Croix open under special conditions (military flights and air carriers with less than 35 passengers)</p>	<p>St. Thomas Open: Charlotte Amalie, East Gregerie Channel, West Gregerie Channel (Crown Bay)</p> <p>Open with restrictions: Red Hook Bay</p> <p>St. John Open with restrictions: Cruz Bay</p> <p>St. Croix Open: Frederiksted Open with restrictions: Krause Lagoon, Limetree Bay, Christiansted</p>	<p>Numerous routes partially closed on St. Thomas and St. John.</p> <p>St. Croix: Most highways open with caution</p> <p>All traffic signals on St. Thomas and St. Croix completely destroyed</p>	<p>St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane</p>	<p>Boil Water Advisory territory-wide</p> <p>Sampled 66 of 161 public and private water systems on St. Croix to date; 26 systems tested positive for e. coli; 11 have since come into compliance, and remaining 15 require follow-up sampling</p>	<p>29.2% cell phone coverage in USVI; PSAPs non-operational</p> <p>St. Thomas: 40% (+2) of 55 cell towers operational</p> <p>St. John: No cell towers operational</p> <p>St. Croix: 26.2% (-2.4) of 42 cell towers operational</p>
<i>As of:</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 2 1:48 a.m. EDT</i>	<i>October 2 2:50 p.m. EDT</i>

(ESF-1, ESF-2, ESF-6, ESF-10, ESF-12, PRASA, USCG)

Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	78 municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/10: DR-4336	12 municipalities	31 municipalities	75%
USVI	9/7: DR-4335	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/20: DR-4340	St. Croix, St. John, St. Thomas	All	75%

(FEMA Declarations Unit, October 2, 2017, 12:37 p.m. EDT)

Force Laydown:

Department/Agency	Puerto Rico	U.S. Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF 6)	445	267	*	*	712
Army Corps of Engineers (ESF 3)	122	97	3	65	287
Civil Air Patrol (ESF 5)	30	*	*	*	30
Customs and Border Protection (ESF 5, 9 & 13)	206	5	0	5	216
Department of Agriculture (ESF 11)	1	0	0	0	1
Department of Defense Title 10*	4,667	*	*	*	4,667
Department of Energy (ESF 12)	2	23	0	28	53
Department of the Interior	258	21	45	0	324
Department of Transportation (ESF 1)	4	2	0	28	34
DHS – NPPD / Federal Protective Service	33	3	0	2	38
Environmental Protection Agency (ESF 10)*	21	27	0	0	48
Federal Law Enforcement (ESF 13)	346	5	0	0	351
FEMA Deployed	770	265	6	48	1,089
Urban Search & Rescue (ESF 9)	80	0	0	0	80
Forest Service (ESF 4)	244	20	0	0	264
General Services Administration (ESF 7)	17	0	0	0	17
Health and Human Services (ESF 8)	502	33	14	11	560
Veterans Affairs (ESF 8)	164	0	0	0	164
National Guard Bureau*	4,290	1,099	0	603	5,992
National Weather Service - NOAA	30	0	0	0	30
Small Business Administration (ESF 6)	11	2	0	2	15
Transportation Security Administration (ESF 1)	113	7	0	6	126
United States Coast Guard (ESF 1, 5, 7, 9, 10, 13 & 15)*	1,430	*	*	*	1,430
TOTALS	13,786	1,876	68	798	16,528

* DOD personnel numbers include personnel supporting from sea; DOD and NGB numbers not broken out by island

*Civil Air Patrol flights support all USVI

(Situational Awareness Info Analysis, October 3, 2017, 3:00 a.m. EDT)

FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations
- National Incident Management Assistance Team (IMAT) East-2 at San Juan Convention Center Joint Field Office (JFO)
- **Recovery**
 - Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 6,177 (-83) call center agents available to receive calls (*Recovery Contact Center Surge Staffing Timeline, October 2, 2017, 11:19 a.m. EDT*)
 - Total Individuals and Households Program Registrations for PR: 114,833 (+23,087) and USVI: 5,262 (+250) (*Open Disaster IA Summary, October 2, 2017, 7:17 a.m. EDT*)
- **Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	62 (0)	18 (0)
II	USVI	30 (0)	13 (0)

(EMAC Sit Rep #80, October 2, 2017, 8:00 p.m. EDT)

FEMA Region II:

- Region II RRCC not activated; some RRCC staff supporting NRCC operations
- FEMA Region II IMAT in St. Croix; eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR (*FOD Update, October 2, 2017, 1:50 p.m. EDT*)
- **Puerto Rico:**
 - Emergency Operations Center (EOC) at Full Activation with limited operations and on generator power
 - PR Initial Operating Facility (IOF) open at San Juan Convention Center; General Services Administration anticipates signing a lease making it the Joint Field Office (JFO) by mid-week (*GSA update, October 2, 2017, 10:15 p.m. EDT*)
 - Federal Coordinating Officer (FCO) is Alejandro De La Campa

- **U.S. Virgin Islands:**

- EOCs on each island at Full Activation (*RH DSAR, September 27, 2017, 3:00 p.m. EDT*)
- Lease signed October 1 for USVI JFO location at University of the Virgin Islands in St. Thomas, anticipate partial opening by October 3 (*GSA Update, October 1, 2017, 3:21 p.m. EDT*)
- FCO is William Vogel (*RH DSAR, September 27, 2017, 3:00 p.m. EDT*)

- **Interagency Coordination for Puerto Rico:**

- **ESF-1: Transportation**

- Airports:
 - Luis Muñoz Marín International Airport (SJU) in San Juan:
 - Temporary Flight Restriction (TFR) in place for SJU airspace October 3 between 11:15 a.m. and 5:45 p.m. EDT; FAA classified the airspace as National Defense Airspace (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - Flights: 141 departures and 147 arrivals October 1 (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - Passenger throughput continues to increase; 6,000 outbound passengers processed October 1 (*ESF-1 Update, October 2, 2017, 4:00 p.m. EDT*)
- Roads: PR has 5,073 miles of roads: 388 miles (8%) open, 1,342 (26%) partially open, and 3343 (66%) unknown; unknown due to municipalities not reporting due to communications issues; working with other agencies to observe unknown areas
 - PR-52 in Ponce: Lanes closed due to bridge damage (km 93.9 in Juana Diaz) from kilometer 88.4 to 95; will build crossover to carry out temporary diversion around damaged bridge; PR Department of Transportation (DTOP) encouraging drivers to US-1 as detour
 - PR-3: Department of Defense (DOD) clearing from the west, DTOP contractors clearing from the east; work almost complete; will focus on PR-53 next
 - PR-2 in Aguado area: Landslide risk, one lane open
 - Forest Service completed three missions; PR National Guard (PRNG) completed one mission; PR-SAW teams cleared one mile of line along overflow flume for Lake Guajataca (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - United States Army Corps of Engineers (USACE) and fire departments clearing routes to Route 119, which leads to Guajataca Dam (*ESF-3 Update, October 2, 2017, 10:56 a.m. EDT*)
- Ports:
 - USCG cutter *Horsley* will conduct a port assessment in Culebra on October 3 (*USCG Update, October 2, 2017, 10:00 p.m. EDT*)
 - 13 of 14 deep-water ports fully open or open with restrictions; Guanica remains low priority port due to limited utility for response operations and low impact on commerce (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Based on United States Coast Guard (USCG) and National Oceanic and Atmospheric Administration (NOAA) survey results of Roosevelt Roads and Bahia de Puerca port areas:
 - USCG set operating draft of 33 ft. or less and Daylight Operations only for Roosevelt Roads based on bottom survey and lack of electricity
 - Graving Dock area in the Bay of Puerca was not recommended for consideration for use due to an extensive debris field (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Critical aids to navigation assessment for PR/USVI is at 100%, 86% operational; remaining aids (14%) on station, but note discrepancies; anticipate correction by October 8 (*USCG Update, October 2, 2017, 9:00 a.m. EDT*)
- Transit: Eight Autoridad Metropolitana de Autobuses (AMA) routes open from 7:00 a.m. to 5:00 p.m., with 40 buses in service (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)

- **ESF-2: Communications**

- Mobile Emergency Response Support (MERS) teams installed amateur radio antennas at convention center to support American Radio Relay League (ARRL) operators (*ESF-2 Update, October 3, 12:22 a.m. EDT*)
- Telecommunications for October 3 POTUS visit established by MERS (*ESF-2 Update, October 3, 12:25 a.m. EDT*)
- Temporary cell sites providing connectivity to Ponce, Arecibo, Humacao, Rio Grande and Aguadilla; processed more than 100,000 calls and 500,000 texts per day since September 30 (*ESF-2 Update, October 2, 2017, 11:56 p.m. EDT*)
- All carriers have opened their networks so citizens can take advantage of restored cell sites regardless of their service provider; roaming fees waived (*ESF-2 Update, October 2, 2017, 11:56 p.m. EDT*)

- **ESF-3: Public Works and Engineering**

- Dams: Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage (*ESF-3 Update, October 3, 2017, 11:50 p.m. EDT*)
 - USGS Landslide Hazards Program examining available imagery to identify landslide extent in drainage basins above Guajataca Dam; real-time hydrological information for the dam available online, readings show Lake Guajataca water levels remain consistent near the dam (*DOI Update, October 3, 2017, 1:38 a.m. EDT*)
 - United States Marine Corps (USMC) rotary wing assets placed 44 concrete barriers and super sandbag reinforcement along compromised portions of spillway channel October 2; barrier and sandbag reinforcement continuing October 3, completion date not yet determined (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - National Guard Chinook helicopters scheduled to begin sandbag operations October 3rd (*NGB Update, October 3, 2017, 2:00 a.m. EDT*)
 - 15 of 17 priority dam inspections complete (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
- Temporary Power:
 - Completed 105 of 184 requested generator pre-installation inspections; 22 installations completed; 4 in progress; 79 generators available on island to be installed (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - Priority locations for temporary power restoration: Mayaguez la Concepcion Medical Center, Bayamon Public Hospital, and Hospital HIMA San Pablo Fajardo (*ESF-3 Update, October 2, 2017, 10:07 a.m. EDT*)
 - United States Coast Guard Cutter (USCGC) Venturous assessed 16 generators at local emergency management center and child refuge center in Vieques and repaired two; repaired fuel truck which allowed Vieques to deliver fuel on island (*USCG Update, October 2, 2017, 12:59 p.m. EDT*)
- Debris:
 - Cleared 33 km of Route 605 assignment; remaining 10 km of assignment will be cleared October 3 (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - USACE met with USCG to discuss potential mission assignment to dispose of 150 vessels
 - Working on plan to remove vessel close to infringing on Federal navigation channel at Ponce Harbor (*ESF-3 Update, October 2, 2017, 11:06 a.m. EDT*)
- Temporary Roofing:
 - Current estimates: 60K roofs damaged
 - Collected 1,442 Right of Entry (ROE) Agreements (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)

- **ESF-4: Firefighting**

- One Type-2 IMT (26 personnel) reassigned from St. Croix to PR to support ESF-8; IMT arrived in PR on October 2 (*ESF-4 Update, October 3, 2017, 12:21 p.m. EDT*)
- One Type-2 IMT (85 personnel) coordinating resources and assessing firefighting capabilities in support of PR Fire department; assessed 76 of 95 fire stations; PR Fire Department experiencing severe communications problems and electrical grid extensively damaged; almost entire fire department infrastructure without power; many backup generators damaged; ordered necessary supplies and equipment but estimated arrival date unknown (*ESF-4 Update, October 2, 2017, 11:48 a.m. EDT*)

- **ESF-5: Information and Planning**

- One National Guard fixed-wing aircraft available for assignment October 2, rotary asset arriving October 3; Five Unclassified Processing, Analysis, and Dissemination (UPAD) units (two in USVI, three in PR) processing imagery for NGB and CAP (*Remote Sensing Update, October 2, 2017, 6:00 p.m. EDT*)
- Civil Air Patrol (CAP) operating four aircraft conducting remote sensing sorties over PR and USVI; one additional aircraft will arrive October 3 (*CAP Update, October 2, 2017, 1:58 p.m. EDT*)
- USACE and PRNG conducting an aerial route reconnaissance of approximately 60 km of roads October 2 (*ESF-3 Update, October 2, 2017, 10:56 a.m. EDT*)

- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**

- 654 (+35) registrations on the American Red Cross (ARC) Safe and Well reunification website
- Voluntary Agency Liaisons coordinating donation of medical supplies by Leon Medical Centers with AmeriCares (*ESF-6 Update, October 3, 2017, 1:04 a.m. EDT*)

- Feeding:
 - Salvation Army increased number of fixed feeding sites to 12 (+5); continuing mobile feeding with nine canteens; current capacity approximately 10,000 meals per day
 - American Red Cross provided 7,000 liters of water and 25,000 shelf stable meals to Baja, Hatillo, Naranjito, Vega Baja and Quebrillas October 2 *(ESF-6 Update, October 3, 2017, 1:04 a.m. EDT)*
- **ESF-7: Logistics Management and Resource Support**
 - Incident Support Bases (ISBs):
 - Roosevelt Roads Airport and Rafael Hernandez Airport in Aguadilla open for air operations; Ponce Air/Sea port open for operations with sea port restrictions
 - ESF-4 Type-1 IMT (49 personnel) supporting commodity distribution at Rafael Hernandez Airport ISB and identifying logistical needs to support DOD *(ESF-4 Update, October 2, 2017, 3:51 p.m. EDT)*
 - Defense Logistics Agency: Working a requirement for third Deployable Depot capability at Aguadilla, PR *(DoD Update, October 3, 2017, 1:00 a.m. EDT)*
 - Preparing to open Ponce Air/Sea Port and Marine Corps support facility at Blount Island *(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)*
 - In addition to 10 Regional Staging Areas (RSAs) for commodities distribution, PR plans to add 23 distribution points within next two days using local armories and guardsmen *(NGB Update, October 3, 2017, 2:00 a.m. EDT)*
 - Commodities: Transitioning to next phase of water and meal support, with greater emphasis on contracts and Defense Logistics Agency (DLA) support *(ESF-7 Update, October 3, 2017, 3:47 a.m. EDT)*
 - First contract barge water deliveries will arrive in San Juan on October 9 *(ESF-7 Update, October 3, 2017, 3:47 a.m. EDT)*
 - Mission Assignment issued for DLA to lease nine 4MW generators to support hospitals across PR; requested delivery date October 12 *(ESF-7 Update, October 3, 2017, 3:47 a.m. EDT)*
 - USCG transported Mobile Medical Unit and 6K gallon fuel truck to San Juan October 1; meals, water, 45 passengers, and fuel pumping supplies were delivered to San Juan and Borinquen October 2 *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*
 - C-17 arrived in Aguadilla with four H-60 helicopters to enhance air distribution of commodities across PR; two C-17 also delivered food and water as part of daily commodities delivery *(DoD Update, October 2, 2017, 1:58 p.m. EDT)*
 - Flights into Puerto Rico October 3:
 - Fifteen flights transporting 246K liters of water, 155K meals, tarps, personnel, and Veterans Affairs (VA) Mobile Medical unit *(MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT)*
 - Ships into Puerto Rico:
 - USCG cutter Decisive moored at Miami Beach to onload 4K pounds of construction materials, 50 generators, and other humanitarian supplies for delivery to PR on October 5 *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*
 - Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	1,000	916	84
TS Kennedy	Operational	PR: San Juan	Arrived	600	600	0
TS Empire State	Operational	PR: San Juan	Arrived	650		
La Suprema	En route	PR	10/5	2,200		
Adriana	En route	PR	10/6 - 10/9	302		
Rhapsody	En route	PR	10/10 - 10/12	2,044		
JMC 3330	Secured	PR	10/19	430		
PR TOTAL:				7,226	1,516	84

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG completed inspection of Rhapsody on October 2; expected to arrive in PR October 10-12 for responder berthing *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*

- **ESF-8: Public Health and Medical Services**
 - Federal Incident Management Team (26 individuals) reassigned and arrived in San Juan October 2 to support ESF-8 (*ESF-4 Update, October 3, 2017, 1:06 a.m. EDT*)
 - Hospitals:
 - Power restored to fifteen (22%) hospitals (back on electrical grid); 51 hospitals functioning on generator power (*ESF-8 Update, October 3, 2017, 12:49 a.m. EDT*)
 - PR National Guard provided fuel for generators at Department of Health Laboratory and two hospitals (*NGB Update, October 2, 2017, 1:04 p.m. EDT*)
 - More than 50 hospitals using Hertz-Armstrong-Marconi (HAM) radio operators for communications (*ESF-2 Update, October 2, 2017, 1:59 p.m. EDT*)
 - Dialysis Centers:
 - 46 of 48 open: 44 fully operational, two partially operational, two closed (*ESF-8 Update, October 3, 2017, 12:49 a.m. EDT*)
 - FEMA secured private contractor to provide fuel and water exclusively to functional dialysis clinics (*ESF-8 Update, October 1, 2017, 7:00 a.m. EDT*)
 - Medical vessel USNS Comfort expected to arrive October 3 with 800 medical personnel and support staff; medical care capabilities include general practice, family medicine, nephrology, and pediatrics; ship is capable of serving 200 patients per day (*DOD Update, October 3, 2017, 4:00 a.m. EDT*)
- **ESF-9: Search and Rescue**
 - USCG cutter Tezanos in Ponce to support search and rescue and interagency support; USCG cutter Dixon, previously scheduled to provide support in Vieques October 2, now in for repairs and new date not yet determined (*USCG Update, October 2, 2017, 10:00 p.m. EDT*)
- **ESF-10: Oil and Hazardous Material Response**
 - Environmental Protection Agency:
 - Eight EPA and PR Department of Health (DPNR) teams assessing community water systems not serviced by Puerto Rico Aqueduct and Sewer Authority (PRASA) October 2 in Caguas; 4% of PR population do not receive service from PRASA (*ESF-10 Update, October 2, 1:48 a.m. EDT*)
 - Port Assessments:
 - USCG conducted rapid assessment field operation to identify vessels for pollution removal operations; 68 vessels were discharging pollutants (*USCG Update, October 2, 2017, 6:26 p.m. EDT*)
- **ESF-11: Agriculture and Natural Resources**
 - Five containers of pet food and supplies arrived in PR between September 30th and October 1st (*ESF-11 Update, October 2, 2017, 9:25 p.m. EDT*)
 - Eight-person assessment team from HSUS and EMAC team from NC arrived October 1 to assess pet/animal facilities (*ESF-11 Update, October 2, 2017, 2:00 p.m. EDT*)
- **ESF-12: Energy**
 - Puerto Rico Electric Power Authority (PREPA) expects 15% of customers will have power restored within next two weeks
 - PREPA contracted Whitefish Energy to work on transmission and distribution systems; Whitefish Energy has team in PR and preparing contingent of crews to include those providing mutual aid; staging resources in FL and TX to expedite shipments of restoration materials
 - First Whitefish Energy project will be re-energizing line to a key dam for potable water (*ESF-12 Update, October 2, 2017, 10:47 p.m. EDT*)
 - Tanker CT Cork arrived October 2; maximum capacity 68,183 barrels of fuel (*DOE SitRep #70, October 2, 2017, 1:00 p.m. EDT*)
 - Defense Logistics Agency: 114 fuel trucks and 125 drivers arrived October 2nd (*DLA Update, October 3, 2017, 1:27 a.m. EDT*)
 - 84 Total Brand gas stations out of 205 operational; Total Brand expects diesel fuel demand to increase from 5% to 25% of its total distribution due to demand for powering generators; as a result, the company increased truck fleet from 13 to 24 to meet demand (*DOE SitRep #70, October 2, 2017, 1:00 p.m. EDT*)
- **ESF-13: Public Safety and Security**
 - Four additional Quick Response Teams (25 personnel each) arriving October 4 (*ESF-13 Update, October 2, 2017, 6:25 p.m. EDT*)
 - Teams continue to support: US&R, Disaster Medical Assistance Teams, and PR Police Department (*ESF-13 Update, October 2, 2017, 1:28 p.m. EDT*)

- Installed generators at Golden Grove Prison October 1 (*ESF-3 Update, October 2, 2017, 10:07 a.m. EDT*)
- Federal Protective Service conducting advance site security assessments in preparation of POTUS visit (*FPS Update, October 2, 2017, 2:25 p.m. EDT*)
- **ESF-15: External Affairs**
 - Intergovernmental Affairs (IGA) identifying Spanish-speaking staff to co-locate with priority municipalities to ensure information flow to PR Mayors
 - Private Sector:
 - Assisting FEMA and ESF-8 fuel task force to identify fuel and generator requirements to meet patient respiratory assistance needs at health facilities
 - Coordinated with FEMA Logistics regarding Sears' offer to provide service vans for potential use in response and recovery efforts (*ESF-15 Update, October 2, 2017, 11:15 p.m. EDT*)
- **U.S. Department of Defense (DOD)**
 - USS Kearsarge, and USS Oak Hill providing rotary wing support to FEMA mission sets as required; Marines and Sailors integrated with FEMA Task Forces and providing manpower, analysis, route clearance, and commodity distribution support
 - USS WASP en route to PR, arrival anticipated October 4 with 10 Navy helicopters and 3 Blackhawks
 - Completed 11 strategic airlift flights October 2 to deliver water, meals, and other life-saving and life-sustaining commodities, helicopters, and several army sustainment units; eleven flights scheduled for October 3 to transport meals, water, and additional sandbags for the Guajataca Dam (*DoD Update, October 3, 2017, 1:00 a.m. EDT*)
- **U.S. Department of State (DOS)**
 - Fly Away Support Team (FAST) team arrived at the IOF in San Juan, PR October 2 (*DOS Update, October 3, 2017, 5:41 a.m. EDT*)
- **National Guard Bureau (NGB)**
 - State-to-state EMAC forces continue to arrive, increasing National Guard footprint in PR to 3,400; 340 additional NG Military Police and Engineer personnel scheduled to arrive October 3 (*NGB Update, October 2, 2017, 1:04 p.m. EDT*)
- **Customs and Border Protection**
 - Completed 122 air missions for PR and USVI, including logistics (66); imagery, video, and communication (5); personnel relocation (39); and equipment transfer (12) (*CBP Update, October 2, 2017, 11:24 a.m. EDT*)
- **U.S. Department of the Interior (DOI)**
 - U.S. Fish & Wildlife Service crews from all Caribbean stations continue to clean, remove debris, and assist local communities (*DOI Update, October 2, 2017, 11:26 p.m. EDT*)
- **U.S. Postal Service (USPS)**
 - Providing mail for pickup or delivery to post office boxes at 101 of 128 post offices, including Vieques and Culebra; alternate locations available to citizens where offices not open (*USPS Update, October 2, 2017, 5:05 p.m. EDT*)

Interagency Coordination for U.S. Virgin Islands:

- **ESF-1: Transportation**
 - Ocean Carrier (123 beds) located 150 miles from St Thomas October 2, arrival date/time unknown (*ESF-1 Update, October 2, 2017, 7:10 p.m. EDT*)
 - Roads: All highways on St. Croix open with at least one lane of traffic; commercial vehicle movement remains limited due to clearance issues with leaning trees and power lines;
 - Route 66: Only four-lane divided highway on the island running east to west is fully open all lanes
 - Route 70: Main local east to west highway on island is open with a handful of areas where debris restricts to one travel lane (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - Debris : 90% of USVI roadways are cleared of debris (*ESF-3 Update, October 2, 2017, 10:56 a.m. EDT*)
 - Mahogany Road impassible; still need to assess Mahogany Road and Bridges (*ESF-1 Update, October 1, 2017, 2:21 p.m. EDT*)

- Ports:
 - NOAA vessel Thomas Jefferson completed survey of Christiansted, St Croix; port now open with restrictions *(USCG Update, October 2, 2017, 7:10 p.m. EDT)*
 - All nine deep-water ports fully open or open with restrictions *(USCG Update, October 2, 2017, 4:53 p.m. EDT)*
- **ESF-2: Communications**
 - Set up 18 WIFI hotspots throughout USVI
 - St. John: MERS issued 14 very high frequency (VHF) radios to support first responder networks and provided a High Frequency (HF) antenna to New York State Police
 - St Thomas: Team replaced very small aperture terminal (VSAT) system supporting EOC due to inclement weather; MERS mechanics maintaining vehicles, generators, and shelter support equipment on regular basis
 - St. Croix: Assisted with registration of PIV cards for FEMA EOC members; assisted Governor's staff with installation of VSAT system being used to support live feed video conferences; collaborated with communications service providers to determine issues causing satellite communications irregularities *(ESF-2 Update, October 2, 2017, 10:23 a.m. EDT)*
- **ESF-3: Public Works and Engineering**
 - Temporary Power:
 - Completed 135 of 174 requested pre-installation inspections; 25 generators installed to date; 73 generators available on island to be installed *(ESF-3 Update, October 2, 2017, 11:50 p.m. EDT)*
 - Debris:
 - 90% of USVI roadways cleared of debris; debris removal expected to begin October 10 *(ESF-3 Update, October 2, 2017, 11:50 p.m. EDT)*
 - Debris Subject Matter Experts coordinating with the USVI Department of Planning and Natural Resources (DPNR) for approval of temporary debris disposal sites *(ESF-3 Update, October 2, 2017, 10:13 a.m. EDT)*
 - Temporary Roofing
 - Current blue roof estimates: St. Croix: 5K, St. Thomas: 7K, and St. John: 1K
 - Collected 1,375 Right of Entry Agreements; assessed 148 homes, installed 47 roofs *(ESF-3 Update, October 2, 2017, 11:50 p.m. EDT)*
 - Work order issued for Myra Keating Medical Facility roof on St. Johns; work to begin October 3 *(ESF-3 Update, October 2, 2017, 11:50 p.m. EDT)*
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - Ninety-seven (+2) registrations on the American Red Cross (ARC) website *(ESF-6 Update, October 3, 2017, 1:04 a.m. EDT)*
 - Feeding:
 - Salvation Army working to distribute 21,600 food boxes provided by FEMA throughout St. Thomas, St. Croix, and St. John
 - ARC distributed 97 bulk items and served 2,045 meals and 221 snacks October 2 *(ESF-6 Update, October 2, 2017, 2:19 p.m. EDT)*
- **ESF-7: Logistics Management and Resource Support**
 - Preparing to open ISBs in St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal); staging materials for lots *(ESF-7 Update, September 29, 2017, 2:46 p.m. EDT)*
 - Commodities:
 - Planning to ship 1,152 rolls of Blue Roof Plastic Sheeting from Miami, FL to St. Croix October 2, will confirm morning of October 3 *(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)*
 - Vehicles: General Services Administration (GSA) Fleet sourced 50 government vehicles for St. Thomas and St. Croix; will transport via barge from New Jersey, departing October 6 *(GSA Update, October 2, 2017, 6:54 p.m. EDT)*
 - DLA
 - Shipment of approximately 15K gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed *(DLA Update, October 2, 2017, 5:00 a.m. EDT)*
 - Researching requirement for additional 4 water pumps and 5 water trucks
 - Working requirement for up to 500,000 water jugs to USVI *(DLA Update, October 3, 2017, 1:27 a.m. EDT)*
 - Received requirement for 30 additional generators for St. Thomas *(DOD Update, October 2, 2017, 1:58 p.m. EDT)*

- USCG flights delivered Transitional Sheltering Assistance (TSA) cash to St. Thomas and was scheduled to transport TSA cash and communications gear to St. Croix on October 2 (will confirm morning of October 3) *(USCG Update, October 3, 2017, 3:47 a.m. EDT)*
- Seven flights into USVI October 3:
 - St. Thomas: Three flights transporting EMAC resources and 26K boxed meals *(MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT)*
 - St. Croix: Six flights transporting 80K meals and 150K liters of water *(MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT)*

○ Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,700	1,173 (+36)	527
SS Wright	Operational	USVI: St. Thomas	Arrived	315	184 (+4)	131
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	46 (-6)	150
Ocean Carrier	En route	USVI: St. Thomas	10/8	123		
Azura	En route	USVI: St. Thomas	10/10 – 10/12	1,808		
TOTAL:				4,142	1,403	808

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG inspected Azura October 2; expected to arrive in the USVI October 10-12 for responder berthing *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*
- **ESF-8: Public Health and Medical Services**
 - Royal Caribbean ship departed September 29 for Ft. Lauderdale, transporting 3,188 passengers from St. Croix (533), St. John and St. Thomas (533), and San Juan (1,791) and 121 pets; will arrive October 3 *(ESF-8 Update, October 3, 2017, 12:49 a.m. EDT)*
- **ESF-9: Search and Rescue**
 - USCGC Napier in Sector San Juan awaiting deployment to USVI to provide maritime SAR coverage and interagency support *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*
- **ESF-10: Oil and Hazardous Material Response**
 - Sampled 66 of 161 public and private water systems on St. Croix to date; 26 systems tested positive for e. coli; 11 have since come into compliance, and remaining 15 require follow-up sampling
 - DPRN and USCG established Unified Command, working on plan to address pollution response and marine debris removal operations; ESF-10 teams to arrive in St. Croix October 5 *(ESF-10 Update, October 2, 6:26 p.m. EDT)*
 - USVI Department of Planning and Natural Resources (DPRN) and EPA will commence water sampling on St. Thomas and St. John October 4 *(ESF-10 Update, October 2, 10:53 a.m. EDT)*
- **ESF-11: Agriculture and Natural Resources**
 - Only Food Safety Inspection Service facility, privately owned, remains closed due to lack of power and potable water *(ESF-11 Update, October 3, 2017, 5:00 a.m. EDT)*
- **ESF-12: Energy**
 - Four Western Area Power Administration vehicles scheduled to arrive in port at St. Thomas on October 8 *(ESF-12 Update, October 2, 2017, 1:30 p.m. EDT)*
- **U.S. Department of Defense (DOD)**
 - Dual Status Command has been dissolved on USVI
 - Completed 4 strategic airlift flights October 2 to deliver generators, medical supplies, and other EMAC resources *(DoD Update, October 3, 2017, 1:00 a.m. EDT)*
 - Enroute Patient Staging System, Joint Patient Movement Regulating Team, and Critical Care Air Transport Team in St. Croix to redeploy to CONUS on October 3 *(DoD Update, October 3, 2017, 1:00 a.m. EDT)*
- **U.S. Department of State (DOS)**
 - DoS deemed offer of assistance from Mexico to be diplomatically critical; FEMA determining which of the items offered are needed *(FIAA Update, October 3, 2017, 1:13 a.m. EDT)*
 - Two-man advance Denmark Emergency Management Agency team arriving in St. Croix October 3, will collaborate with FEMA to better understand current situation and match capabilities offered by Denmark against requirements on the ground *(FIAA Update, October 2, 2017, 10:55p.m.)*

- **U.S. Department of the Interior (DOI)**
 - National Park Service and USACE coordinating to develop contract for debris removal and disposal at the Virgin Islands National Park *(DOI Update, October 2, 2017, 11:26 p.m. EDT)*
- **U.S. Postal Service (USPS)**
 - Providing mail for pickup or delivery to post office boxes at five of six offices in St. Croix, three of five offices in St. Thomas, and the only office in St. Johns; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Quantity			
	Meals	Tarps	Water
St. Thomas	3,462,785	15,485	1,840,213
St. Croix	738,960	10,000	427,000
USVI Total	4,201,745	25,485	2,267,213

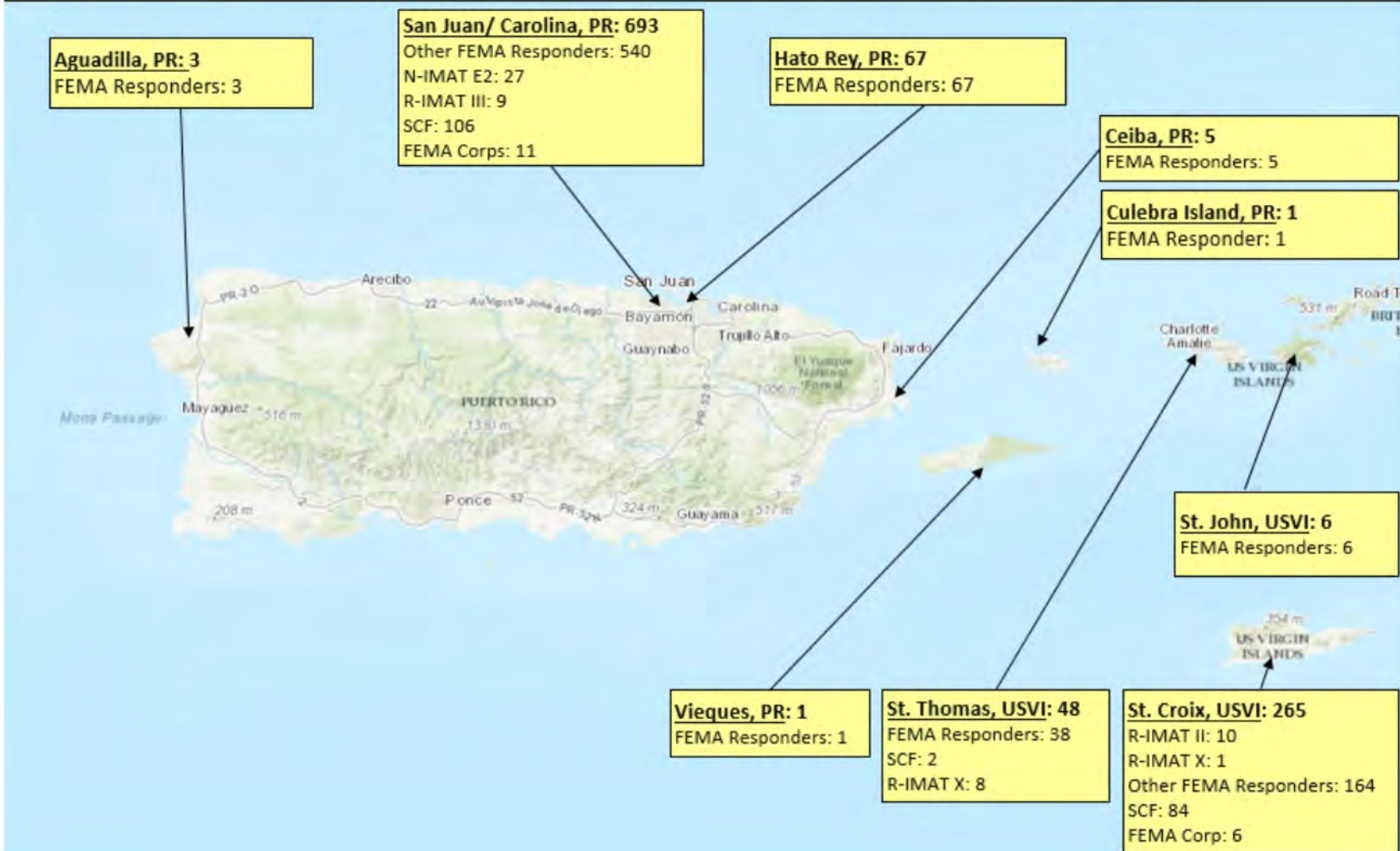
(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Total Arrived Quantity					
	Meals	Tarps	Water	Generator	Cots
PR	5,352,744	5,000	5,386,638	278	22,202

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Hurricane Irma/Maria – FEMA Responder Laydown (As of October 3, 2017 2:00AM EDT)

Total FEMA Supporting Hurricane Irma/Maria Actions on Puerto Rico and US Virgin Islands: Responders on the Ground: **1089**



Maria Force Laydown

As of October 03, 2017 5:00 a.m. EDT

<p>Puerto Rico: FEMA: N-IMAT-E2 ESF-1: TS KENNEDY; TS EMPIRE STATE ESF-2: MERS; MEOV 32 ESF-3: Roofing Teams; Power & Debris PRTs; 249th ESF-4: Type 1 IMT; 3 Type 2 IMT w/ 26 Saw Teams ESF-8: SAT; 14 DMAT; CDC; APHT; DMORT; 2 HMTF; MHT ESF-9: IST; 2 Type 4 US&R</p>	<p>Puerto Rico (Continued): ESF-12: IMAT Support ESF-13: QRTs CAP: Aerial Support CBP: SRT USCG: IMAT; NSF; 9 Cutters DOD: DCE VA: 2 Mobile Medical Teams</p>
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AT SEA:
DOD: USS KEARSARGE; USS OAK HILL
USCG: 2 Cutters

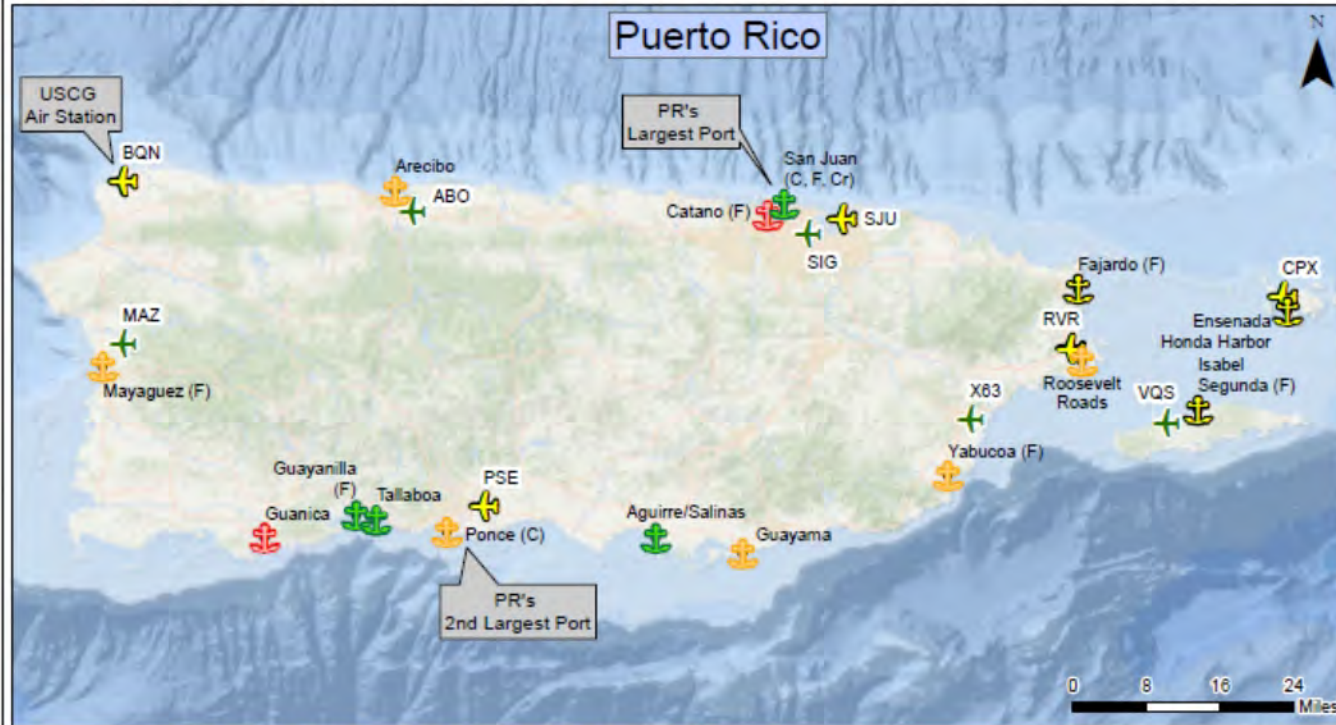
St. Thomas:
FEMA: 1 RX-IMAT
ESF-1: SS Wright, OCEAN CONSTRUCTOR
ESF-2: MERS
ESF-3: Roofing Teams; Power & Debris PRT; 249th
ESF-8: MHT
ESF-12: IMAT Support; Power Restoration Team
CBP: SRT; OIT
DOD: DCE; ASMC; GST; CAISE
USCG: NSF, 1 Cutter

St. John:
ESF-2: MERS
ESF-3: 249th
ESF-8: HMTF
DOD: Medical Detachment Team
CAP: Aerial Support

St. Croix/Christiansted:
FEMA: RII-IMAT & RX-IMAT
ESF-2: MERS; MEOV 51
ESF-3: Roofing Teams; Power & Debris PRT; 249th
ESF-4: Type 2 IMT
ESF-8: 2 CDC, 2 HMTF, DMAT; 2 MHT
ESF-12: IMAT Support
CBP: SRT; OIT
DOD: DCE; CAISE
USCG: NSF, 1 Cutters

Maritime Ports & Airports Status: PR and USVI (03 October 2017, 0400 EDT)

FEMA-DR-4339-PR & FEMA-DR-4340-USVI: Hurricane Maria



Data Layer/Map Description:
This map depicts the status of maritime ports and airports throughout Puerto Rico & the U.S. Virgin Islands.

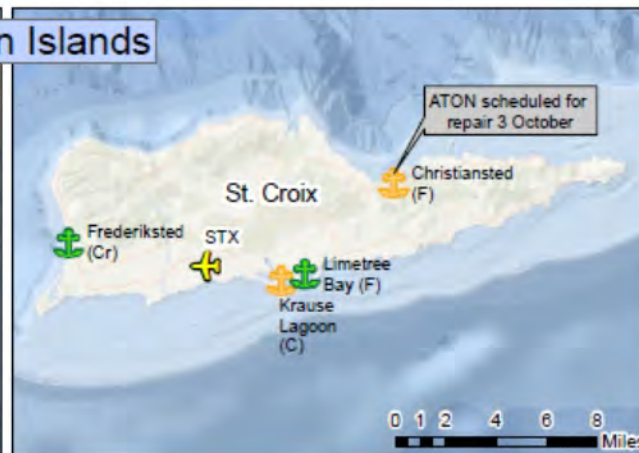
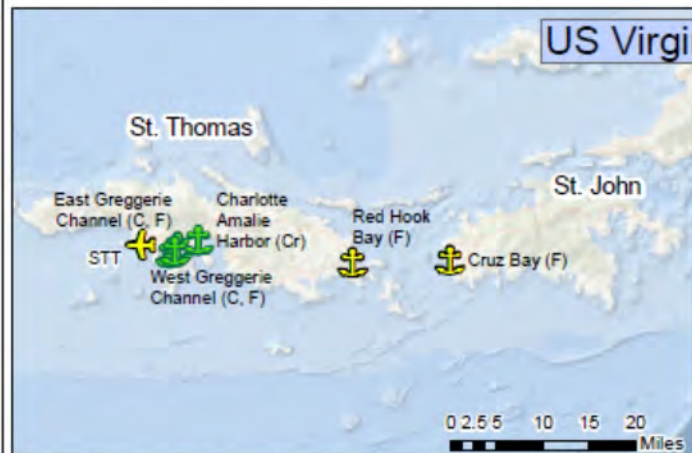
Airport Status

- Open
- Open with Restrictions
- Military Air and Hurricane Relief Only
- Closed

Maritime Port Status

- Closed
- Daylight Only Operations with Restrictions
- Daylight Only Operations
- Open

(C) Container Handling Port
(F) Fuel Handling Port
(Cr) Cruise Ship Port



Data Sources:
FEMA, ESRI, USCG, FAA

Map Created by: FEMA NRCG GIS Specialist

Initial Map Creation: 03 October 2017, 0400 EDT

Coordinate System: WGS 1984 World Mercator

Fuel Deliveries Last 24 Hours: (02 October 2017, 1400 EDT)

FEMA-4339-DR-PR: Hurricane Maria



Data Layer/Map Description:
This map depicts refueled facilities in Puerto Rico. The Fuel Task Force's DOD component and Macro Companies working PREMA emergent requests refueled facilities on **September 30, 2017**. DOD will refuel 31 medical facilities on a 3.5 day cycle.

Total Recipients: 25
Total Fuel (gal): 120,780

Structure Type

- Business
- Communications
- Government
- Hospital
- Housing/Shelter
- Non-Governmental Org.*
- Transportation
- Utility

* Unknown fuel amount - Salvation Army

Diesel Refueled

- 0 - 800 gal
- 801 - 2000 gal
- 2001 - 3500 gal
- 3501 - 6000 gal
- 6001 - 24000 gal

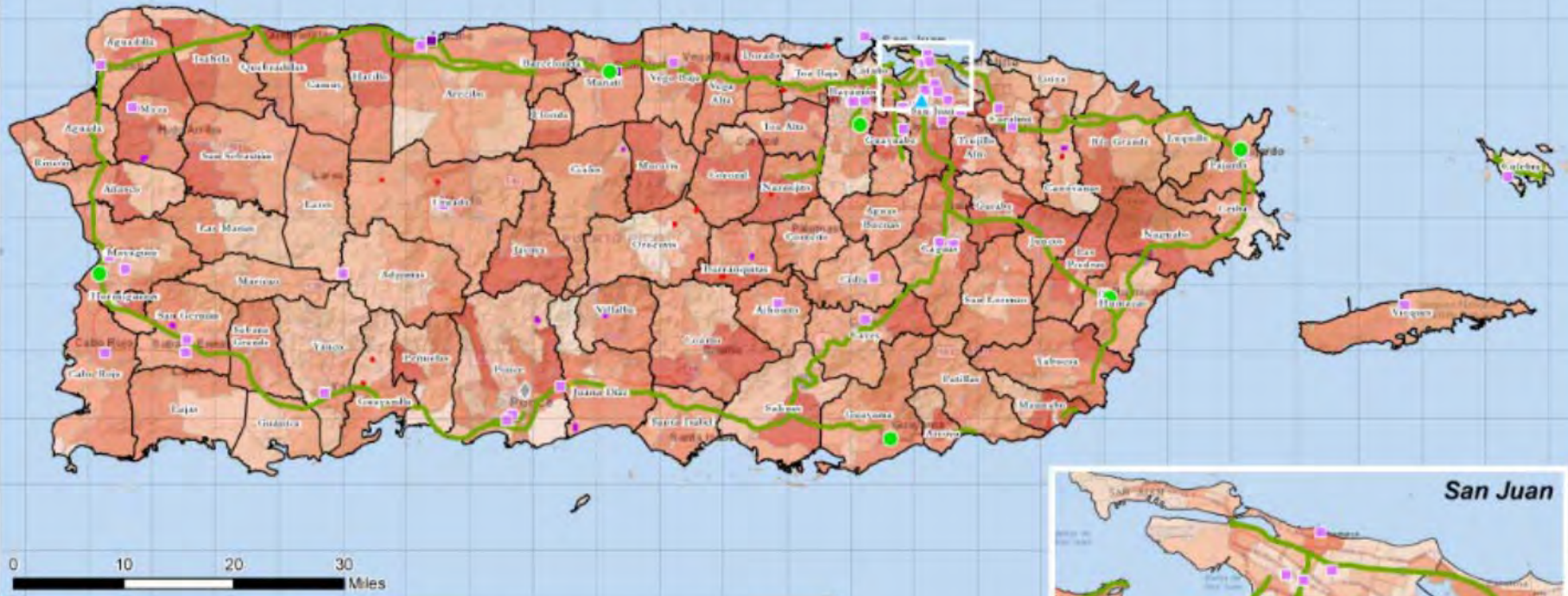
Data Sources: FEMA, ESRI, HHS, DOD

Map Credited by NROC GIS

Initial Map Creation (02 October 2017, 1400 EDT)

Coordinate System: WGS 1984 World Mercator

Hurricane Maria Strategic Hospital Restoration Plan



Hospital Information

- ▲ Tier 1 (1)
- Tier 2 (6)

Note:
Tier 1 is the primary hospital -
Cardinal Health

Note: (#) Shows
total number of hospitals

Hospital Information

- Tier 3 - Open (57)
- Tier 3 - Closed (2)
- ◆ Unknown (1)

Data Sources:
FEMA, ESRI, HHS, Census, DOT
FEMA NRCC GIS Desk

Road Status

- Bridge Obstruction (11)
- Road Obstruction (12)
- Closed - Partial (1)
- Open (3,861)

Total Population

- 0 - 2,075
- 2,076 - 3,421
- 3,422 - 4,799
- 4,800 - 6,701
- 6,702 - 12,755



Puerto Rico Road and Bridge Status (02 October 2017, 1300 EDT)

FEMA-DR-4339-PR



Data Layer/ Map Description:
This map shows bridge status as of: October 1, 2017 and road status as of: October 1, 2017.

Surveyed Road Status

- Open
- Closed - Partial
- Total Closure
- Local Roads

Bridge Status (21)

- 10 ▲ Collapsed / Lost
- 4 ▲ Partially Collapsed / Lost
- 7 ▲ Scour / Partial Closure

Road Obstruction

- ▲ Damaged/Collapsed Bridge (11)
- ▲ Collapsed Road (3)
- ▲ Landslide (8)
- ▲ Lane Closed (1)
- ▲ Sunk sub-base (2)
- ▲ Veg Material & Sediment (1)

Critical Infrastructure

- H Hospitals
- Major Cities
- ✈ Airports
- ⚓ Ports
- ⊠ Helipads

0 4.5 9 13.5

Kilometers

Data Sources:
FEMA, ESRI, USDOT
Puerto Rico Governor's Office



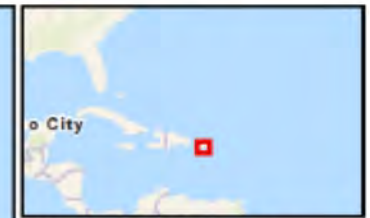
Bridge	Town	Carry
653	Canovanas	PR-957
1130	Ciales	PR-145
37	Toa Baja	PR-2
38	Toa Baja	PR-2
635	Toa Baja	PR-165
1078	Juana Diaz	PR-52 (S.R.)
1462	Morovis	PR-567
1385	Quebradillas	PR-476
2766	Juana Diaz	PR-509
599	Ciales	PR-615
672	Arroyo	PR-752
944	Guayanilla	PR-2 (E.B)
1374	Ciales	PR-149
679	Moca	PR-404
1485	Corozal	PR-802
872	Carolina	PR-857
1657	Toa Alta	PR-861
1352	Ciales	PR-145
1733	San Sebastian	PR-111
256	San Sebastian	PR-119
1692	Villalba	PR-151

PREMA Zone	
Zone Number	Zone Name
1	San Juan
2	Vega Baja
3	Arecibo
4	Aguadilla
5	Mayaguez
6	Ponce
7	Utua
8	Comerio
9	Guayama
10	Caguas
11	Humacao
12	Ceiba

DISCLAIMER:
Road status data based on whole highway segments rather than discrete point or line blockages. Actual accessibility may be greater than displayed for "Closed - Partial" segments.

Puerto Rico - Active Regional Staging Area

FEMA-4339-DR-PR



Data Layer / Map Description:
This product serves to illustrate active Regional Staging Areas as reported by FEMA logistics.

Legend

- Regional Staging Area's

Number	County	Facility Name
1	Aguadilla	PR National Guard
2	Arecibo	Colone Amaury L. Gandia
3	Arecibo	DE Arecibo Warehouse
4	Bayamón	DE Bayamón Warehouse
5	Caguas	Caguas Municipality Sports Complex
6	Caguas	DE Caguas Warehouse
7	Canóvanas	DE Canóvanas Warehouse
8	Carolina	Mullitz Air National Guard Base
9	Ceiba	Alejo Rivera Morales
10	Guayama	PFC Jorge Massé F. Guerra
11	Mayagüez	CPL Rubén Acosta
12	Mayagüez	DE Mayagüez Warehouse
13	Ponce	General Ramón De Castro
14	Ponce	DE Ponce Warehouse
15	Saint Croix	Department of Agriculture
16	Saint Croix	National Guard
17	Saint John	Port Authority Parking Lot
18	Saint Thomas	Fort Christian Parking Lot
19	Utua	Alpha Company 1st Battalion, 295th Infantry



Data Sources:
FEMA, ESRI, HSIP

Recovery Snapshot
Post-Tropical Cyclone Irma
Tuesday, October 3, 2017 (5:00 a.m. EDT)
Updates in Blue

Declarations:

- FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 (*Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate*)

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/28: DR-4338	7 counties	All 159 counties (Cat A and B)	75%
Seminole Tribe of Florida	9/27: DR-4341	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/21: DR-4337	48 counties	69 counties (Cat A-G)	75% 100% (Cat B) for 30 days
Alabama	9/11: EM-3389	-	All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: EM-3386	-	All 46 counties and Catawba Indian Nation (Cat B)	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	<ol style="list-style-type: none"> Deliver Individual Assistance Open Disaster Assistance Centers Conduct IA & PA preliminary damage assessments Public Information 	Not yet reported
Florida	<ol style="list-style-type: none"> Public Assistance (PA) PDAs Housing in Lee, Hendry, and Collier Counties HUD damage assessments Temporary housing Transitional Sheltering Assistance (TSA) Flagler County requesting expediting processing of Category A and B and making funds available immediately. Requested priority assignment from the state for fixed site registration at Flagler Beach and Hammock Communities Request for Direct Housing - DHAT will deploy to the counties to conduct assessments HUD has granted a 90-day moratorium on foreclosures and forbearance on foreclosures of Federal Housing Administration (FHA)-insured home mortgages. Continuing to coordinate with State on STEP. USACE feasibility inspectors are continuing their review of commercial park pads Advanced Planning coordinated with GIS to create an interactive housing map and data sharing between stakeholders EA IGA responded to inquiries from state legislator and local officials, primary focus of inquiries were related to debris removal, contractor procurement, constituent registration concerns and an inspector verification. Developing Innovative Housing Solutions presentation for mission support, planning to Integrating FIU Extreme Events Institute The Economic Housing RSF Team identified several 	<ul style="list-style-type: none"> Staffing Individual Assistance and Disaster Survivor Assistance missions Need more IA Caseworkers for applicants, IA caseworkers need NEMIS/NACS rights Survivors continue to request temporary housing as shelters are closing Debris removal resources Some schools in the Keys will not open until October 2nd Need more language interpreters, Spanish and Creole (Haitian) Flagler County is very low on funding due to Hurricane Matthew and initial Irma response efforts; no reserve funds to draw upon. Frustrations with long wait times and dropped calls when calling the 1-800 FEMA number (capacity) Concern about the lack of information on Housing Strategies/Resources for survivors Hernando County: mosquito concerns Survivors leaving without assistance prior to registering at DRCs due to extreme temperatures and extended wait times (3.5 hour wait times at the DRC in Miami-Dade) Concerns over potential arrival of approximately 3,200 evacuees via cruise ship from Puerto Rico, St. Croix and St. Thomas. Evacuees are scheduled to dock on 3 Oct. in Port Everglades. Need more information from JFO on the coordination for these incoming survivors

	<p>areas of major concern and will begin analysis immediately</p> <p>17. At request of Patrick Air Force Base leadership, DSA conducted on-site registration for military families evacuated from Puerto Rico.</p> <p>18. Initiate the Sheltering and Temporary Emergency Power (STEP) program in Broward, Charlotte, Collier, Glades, Hendry, Lee, Miami-Dade, Monroe and Palm Beach Counties.</p>	<ul style="list-style-type: none"> • DSA concerns over inability to check survivor cases on NEMIS • The 30 day waiver for electrical work for damaged homes is set to expire Oct 13. Clay County is concerned about homeowners' electricity functionality & home repairs not being up to code. Messaging may be needed • Isolated Thunderstorms could produce gusty winds and brief heavy rains through Sunday 10/01/2017. Survivors concerned about proposed rainfall and threat to already flooded roads and damaged homes.
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Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	<ul style="list-style-type: none"> • Destroyed: 46 structures • Major Damage: 171 structures • Minor Damage: 111 structures • Affected Habitable: 127 structures 	PA PDAs: Total \$29.6 M <ul style="list-style-type: none"> • Category A: \$14.4M • Category B: \$5.5M • Category C: \$4.6M • Category D: \$0.1M • Category E: \$1.6M • Category F: \$1.9M • Category G: \$1.4M
Florida	In process	

Interagency Coordination/Recovery:

- **Recovery Support Function (RSF): Housing Recovery**

Individual Assistance <small>(as of 10/02/2017, 7:04 a.m. EDT)</small>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	30,098	\$8,249,642	\$5,550,119	\$2,699,523
Florida	2,107,427	\$687,555,126	\$450,626,229	\$236,998,897
Puerto Rico	4,233	\$296,060	\$141,653	\$154,407
Seminole Tribe of Florida	225	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	7,569	\$4,592	\$4,592	\$0

Housing Inspections <small>(as of 10/02/2017, 7:04 a.m. EDT)</small>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	21	4,345	1,680	38.7%
Florida	1,297	525,425	117,962	22.5%
Puerto Rico	22	1,295	502	39%
U.S. Virgin Islands	7	5,723	4	0.1%

(Irma) National Flood Insurance Program Claims Estimate <small>(as of 10/02/2017, 5:05 p.m. EDT)</small>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 22,000	Over \$28,000,000
Georgia	Over 1,800	Over \$2,000,000
South Carolina	Over 2,000	Over \$1,100,000
U.S. Virgin Islands	49	Not yet reported
Puerto Rico	4	Not yet reported
Alabama	1	Not yet reported

- Temporary Housing: FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 (Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)

Transitional Sheltering Assistance <small>(as of 10/02/2017, 11:34 p.m. EDT)</small>		
State	Households Checked In to Hotel	Eligible
Florida	9,565	725,561

○ Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	22,557	54%	213	\$9,148,400	\$42,950

○ US Department of Housing and Urban Development (HUD) (as of 10/01/2017)

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130
South Carolina	1	88
Total	181	23,748

Multifamily Housing	Impacted Properties	Units	Assisted Units	Properties w/Moderate or Major Damage	Residents Displaced/ Evacuated	Residents Returned
Florida	910	106,513	45,902	89	614	0
Georgia	50	4,665	2,145	1	150	0
Total	960	111,178	48,047	90	764	0

Public Housing	Impacted Properties	Total Number of Assisted Units	Displaced Households	Returned Households
Florida	656	32,191	6	222
Georgia	7	33,661	0	0
South Carolina	0	13,798	1	1
Total	663	79,650	7	223

Housing Choice Voucher (HCV)	Total Number of Assisted Households	Displaced Households	Returned Households
Florida	100,847	13	14
Georgia	55,639	0	0
South Carolina	25,706	0	0
Total	182,192	13	14

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	1,348	35%	12	\$662,100	\$55,175

○ USDA Risk Management Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million
Largest Crop Liability (amount)	Orange Trees (\$1.1 billion)	Cotton (\$581.2 million)	Coffee (\$932,742)

*PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary of Business.

o USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

Total Combined \$ Loss for Crops/Livestock by Hurricane <i>(as of 09/24/2017, 11:02 a.m. EDT)</i>	
Total Irma Hurricane Total	\$338,272,398

Recovery Snapshot
Post-Tropical Cyclone Harvey
Tuesday, October 3, 2017 (5:00 a.m. EDT)
Updates in Blue

Declarations:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	9/23: DR-4332	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> Sheltering and temporary housing Debris Removal Collect and disseminate accurate incident information to improve decision-making Accurately track incident costs associated with assigned resources for cost recovery <p style="text-align: right;"><i>(TDEM Sit Rep, September 29, 2017, 8:00 a.m. EDT)</i></p>	Not yet reported

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	21 counties requested, 20 counties complete, 1 county ongoing

Interagency Coordination/Recovery:

• **RSF: Housing Recovery**

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	847,856	\$ 875,717,790	\$ 651,805,944	\$ 223,911,845

Housing Inspections <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,844	511,644	317,232	62%

(Harvey) National Flood Insurance Program Claims Estimate <i>(as of 10/02/2017, 5:05 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 88,000	Over \$1 billion
Louisiana	Over 480	Over \$2 million

○ Temporary Housing

Transitional Sheltering Assistance <i>(as of 10/02/2017, 3:35 p.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible
Texas	21,869	344,283

○ Small Business Administration (SBA) Home Loans

SBA Home Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	52,586	64%	7,471	\$628,181,700	\$84,083

○ U.S. Department of Housing and Urban Development (HUD) *(as of 10/01/2017)*

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	20,971	3,224	844
Public and Indian Housing	66	10,965	330	263
HCV	N/A	148,205	813	655
Healthcare and Hospitals	40	5,236	599	501

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	3,589	69%	605	\$57,132,900	\$94,435

○ U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information for Hurricane Harvey (as of 9/23/2017)		
	Texas*	Louisiana **
Liabilities	\$792.4 million	\$133.5 million
Largest crop liability (total)	Cotton (\$352.3 million)	Rice (\$104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon

++ Information collected from RMA's Summary of Business Reports <http://www.rma.usda.gov/data/sob.html>

○ USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	\$72,961,810

○ USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
159,339	124,991	361,328	\$118,701,657	7,733	10	34	2,873	\$118,704,530

(Recovery Update, September 28, 2017, 11:02 a.m. EDT)

○ Natural Resources Conservation Service

	EWPP Sponsor requests	EQIP Applications	CTA/Employees Providing Assistance
Texas*	5 new, 6-7 previous projects that may need assistance	57	97
Louisiana**	0	0	25

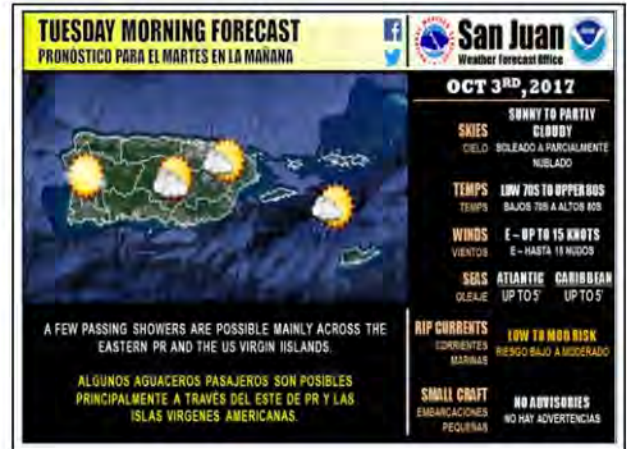
*57 EQIP application for FY17 received to date for TX special sign-ups

**Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP

Senior Leadership Briefing and Recovery Snapshots
Tropical Storm Maria and Post-Tropical Cyclones Irma and Harvey
Monday, October 2, 2017 (5:00 p.m. EDT)
Updates in Blue

Current Situation:

Drier air pushes into the region through the middle of the week. The United States Virgin Islands will be dry. Isolated afternoon showers and thunderstorms are possible across western and northern Puerto Rico. These storms could bring brief, heavy rain but will be very isolated in coverage. A flash flood warning remains in effect for northeast Isabela and central Quebradillas in Puerto Rico because of structural issues for Guajataca Dam. Tropical moisture will increase again toward the end of the week; increasing the threat of more widespread, heavy rainfall local mudslides and debris flows. Afternoon heat indices will reach into the mid to upper 90s. (NOAA Update, October 2, 2017, 5:00 p.m. EDT)



Impact Summary:

Population Impacts

Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
PR	16 confirmed fatalities	Shelters: 145 Pop: 10,177	5.4% (+0.4%) of customers have electricity Estimate 20% of transmission towers need to be replaced San Juan financial district on grid	One hospital fully operational, 64 of 65 mainland hospitals assessed, two closed, one pending assessment 14 (20%) hospitals back on electrical grid with intermittent generator support VA hospitals: Eight open, one closed	Curfew in effect from 9:00 p.m. to 5:00 a.m.	53 (-5) of 68 Federal Government buildings closed 65% of grocery and big box stores open
USVI	Five confirmed fatalities	USVI Shelters: Seven Pop: 555 St. Thomas: Shelters: Two Pop: 247 St. John: Shelters: Two Pop: 24 St. Croix: Shelters: Three Pop: 284	Percentage of customers that have electricity: St. Thomas: (15%) St. John: (0%) St. Croix: (10%)	Schneider Regional Medical Center on St. Thomas and Governor Juan Luis on St. Croix condemned; established mobile medical facility in St. Thomas; St. Croix waiting for mobile medical facility to be established, 33 HHS Health and Medical Task Force personnel providing interim support VA hospitals: Both opened October 2	Curfew in place from 6:00 p.m. to 6:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 6:00 p.m. to 10:00 a.m.	Planning for public schools to reopen October 9 15 of 19 Federal Government buildings closed
<i>As of:</i>	October 1 8:00 p.m. EDT	October 2 4:05 a.m. EDT	October 2 12:00 p.m. EDT	October 2 12:41 p.m. EDT	October 1 10:00 p.m. EDT	October 2 1:20 p.m. EDT

(ESF-5, ESF-6, ESF-7, ESF-8, ESF-12, ESF-15, PREMA, VA OHA)

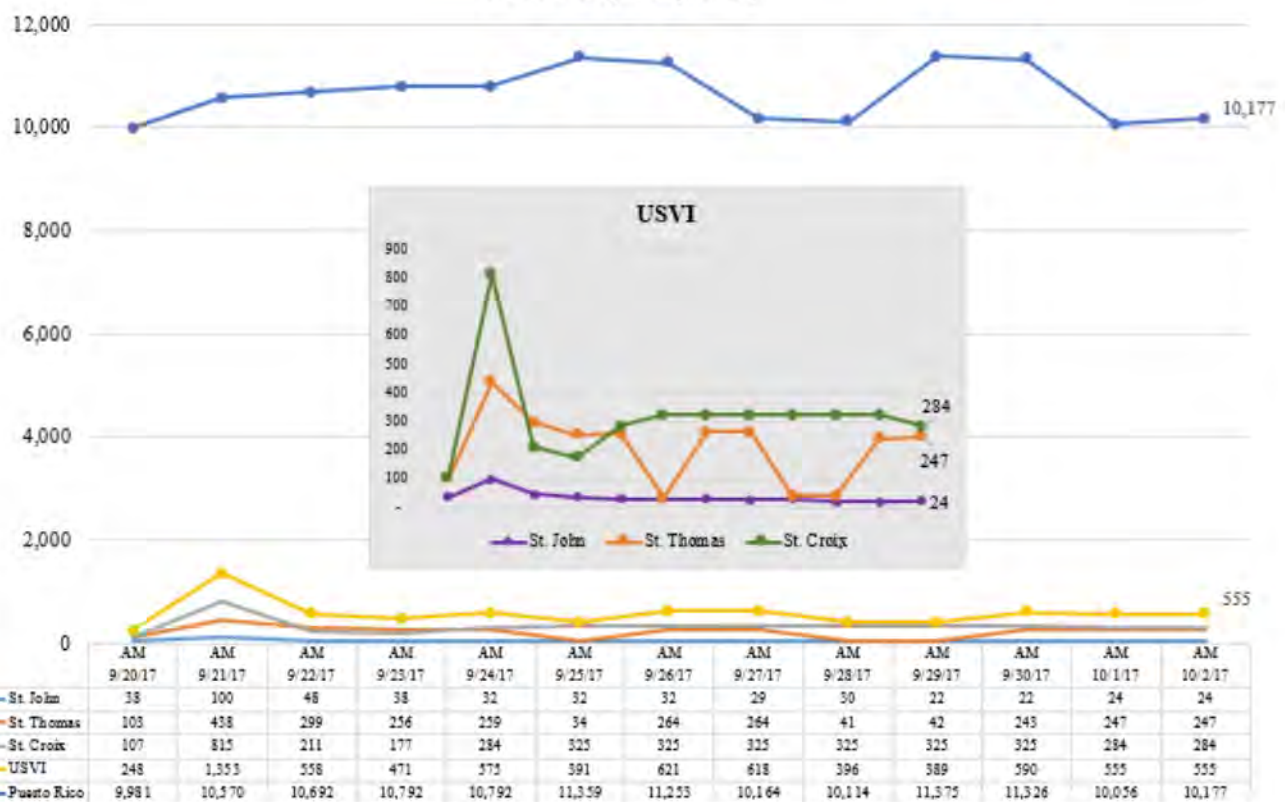
Power Outages
Total: 1,580,510 (-6,279)



*Due to ongoing restoration efforts, the USVI power numbers reflect initial outage reporting. Updates will be provided as they become available.

(ESP-11 Update, October 01, 2017, 1:01 p.m. EDT)

Shelter Population
Total: 10,732 (+121)



*Due to limited communications, there are delays in regular shelter reporting. Updates will be provided as they become available.

(ESP-6 Update, October 01, 2017, 4:00 a.m. EDT)

Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
PR	10 of 10 airports open San Juan Airport open for commercial flights	Four ports open: San Juan, Guayanilla, Salinas, Tallaboa Nine (+1) ports open with restrictions: Mayaguez, Arecibo, Fajardo, Vieques, Culebra, Guayama, Ponce, Yabucoa, and Roosevelt Roads One port closed: Guanica (low priority)	17 (+2) roads open 3,209 public road incidents reported (landslides, waterway issues, blockages, bridges, etc.)	714 of 1,100 retail gas stations operational	Boil Water Advisory issued island-wide Of 52 waste water treatment plants, nine operational, 19 non-operational, 24 unknown 230K people rely on Guajataca Dam for water	11.3% of island with cell service; service around SJU airport restored Public Safety Answer Points (PSAPs)/911 centers operational
USVI	St. Thomas open and receiving commercial aircraft; must contact tower 20 minutes out St. Croix open under special conditions (military flights and air carriers with less than 35 passengers)	St. Thomas Open: Charlotte Amalie, East Gregerie Channel, West Gregerie Channel (Crown Bay) Open with restrictions: Red Hook Bay St. John Open with restrictions: Cruz Bay St. Croix Open: Frederiksted Open with restrictions: Krause Lagoon, Limetree Bay, Christiansted	Numerous routes partially closed on St. Thomas and St. John. St. Croix: Most highways open with caution All traffic signals on St. Thomas and St. Croix completely destroyed	St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane	Boil Water Advisory territory-wide Total of 101 public and private water systems sampled to date on St. Croix; 12 initially tested positive for E.coli and all 12 later re-tested with negative E.coli results after being disinfected	29.2% cell phone coverage in USVI; PSAPs non-operational St. Thomas: 40% (+2) of 55 cell towers operational St. John: No cell towers operational St. Croix: 26.2% (-2.4) of 42 cell towers operational
<i>As of:</i>	<i>October 2 1:19 a.m. EDT</i>	<i>October 2 4:53 p.m. EDT</i>	<i>October 2 5:23 p.m. EDT</i>	<i>October 1 12:00 p.m. EDT</i>	<i>October 2 1:48 p.m. EDT</i>	<i>October 2 2:50 p.m. EDT</i>

(ESF-1, ESF-2, ESF-6, ESF-10, ESF-12, PRASA, USCG)

Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	78 (+24) municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/10: DR-4336	12 municipalities	31 municipalities	75%
USVI	9/7: DR-4335	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/20: DR-4340	St. Croix, St. John, St. Thomas	All	75%

(FEMA Declarations Unit, October 2, 2017, 12:37 p.m. EDT)

Force Laydown:

Department/Agency	Puerto Rico	U.S. Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF-6)	445	267	*	*	712
Army Corps of Engineers (ESF-3)	122	97	3	65	287
Civil Air Patrol (ESF-5)*	30	*	*	*	30
Customs and Border Protection (ESFs 5, 9 & 13)	206	5	0	5	216
Department of Agriculture (ESF-11)	1	0	0	0	1
Department of Defense Title 10*	3,330	*	*	*	3,330
Department of Energy (ESF-12)	2	23	0	28	53
Department of the Interior	251	21	45	0	317
Department of Transportation (ESF-1)	4	2	0	28	34
DHS – NPPD / Federal Protective Service	33	3	0	2	38
Environmental Protection Agency (ESF-10)*	21	27	0	0	48
Federal Law Enforcement (ESF-13)	346	5	0	0	351
FEMA Deployed	724	264	6	53	1,047
Urban Search & Rescue (ESF-9)	80	0	0	0	80
Forest Service (ESF-4)	217	20	0	27	264
General Services Administration (ESF-7)	17	0	0	0	17
Health and Human Services (ESF-8)	475	33	14	11	533
Veterans Affairs (ESF-8)	164	0	0	0	164
National Guard Bureau*	4,290	2,475	*	*	6,765
National Weather Service - NOAA	30	0	0	0	30
Small Business Administration (ESF-6)	11	2	0	2	15
Transportation Security Administration (ESF-1)	109	5	0	5	119
United States Coast Guard (ESFs 1, 5, 7, 9, 10, 13 & 15)*	1,430	*	*	*	1,430
TOTALS	12,338	3,249	68	226	15,881

* DOD personnel numbers include 2,188 personnel supporting from sea; DOD and NGB numbers not broken out by island

*Civil Air Patrol flights support all USVI

(Situational Awareness Info Analysis, October 2, 2017, 3:00 p.m. EDT)

FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations
- National Incident Management Assistance Team (IMAT) East-2 at San Juan Convention Center Joint Field Office (JFO)
- **Recovery**
 - Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 6,260 (+454) call center agents available to receive calls (*Recovery Contact Center Surge Staffing Timeline, October 2, 2017, 11:19 a.m. EDT*)
 - Total Individuals and Households Program Registrations for PR: 91,746 (+19,674) and USVI: 5,012 (+409) (*Open Disaster IA Summary, October 2, 2017, 11:02 a.m. EDT*)
- **Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	62 (+4)	18 (+1)
II	USVI	30 (0)	13 (0)

(EMAC Sit Rep #79, October 2, 2017, 6:00 p.m. EDT)

FEMA Region II:

- Region II RRCC not activated; some RRCC staff supporting NRCC operations
- FEMA Region II IMAT in St. Croix; eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR (*FOD Update, October 2, 2017, 1:50 p.m. EDT*)
- **Puerto Rico:**
 - Emergency Operations Center (EOC) at Full Activation with limited operations and on generator power
 - PR JFO open at San Juan Convention Center
 - Federal Coordinating Officer (FCO) is Alejandro De La Campa
- **U.S. Virgin Islands:**
 - EOCs on each island at Full Activation (*RII DSAR, September 27, 2017, 3:00 p.m. EDT*)

- Lease signed October 1 for USVI JFO location at University of the Virgin Islands in St. Thomas, anticipate partial opening by October 3 (*GSA Update, October 1, 2017, 3:21 p.m. EDT*)
- FCO is William Vogel (*RII DSAR, September 27, 2017, 3:00 p.m. EDT*)

Interagency Coordination for Puerto Rico:

• ESF-1: Transportation

- Airports:
 - Luis Muñoz Marín International Airport (SJU) in San Juan:
 - Flights: 141 departures and 147 arrivals October 1 (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - Passenger throughput continues to increase; 6,000 outbound passengers processed October 1 (*ESF-1 Update, October 2, 2017, 4:00 p.m. EDT*)
- Roads: PR has 5,073 miles of roads: 388 miles (8%) open, 1,342 (26%) partially open, and 3343 (66%) unknown; unknown due to municipalities not reporting due to communications issues; working with other agencies to observe unknown areas
 - PR-52 in Ponce: Lanes closed due to bridge damage (km 93.9 in Juana Diaz) from kilometer 88.4 to 95; will build crossover to carry out temporary diversion around damaged bridge; PR Department of Transportation (DTOP) encouraging drivers to US-1 as detour
 - PR-3: DOD clearing from the west, DTOP contractors clearing from the east; work almost complete; will focus on PR-53 next
 - PR-2 in Aguado area: Landslide risk, one lane open
 - Forest Service completed three missions; PR National Guard (PRNG) completed one mission; PR-SAW teams cleared one mile of line along overflow flume for Lake Guajataca (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - United States Army Corps of Engineers (USACE) and fire departments clearing routes to Route 119, which leads to Guajataca Dam (*ESF-3 Update, October 2, 2017, 10:56 a.m. EDT*)
- Ports:
 - 13 of 14 deep-water ports fully open or open with restrictions; Guanica remains low priority port due to limited utility for response operations and low impact on commerce (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Based on United States Coast Guard (USCG) and National Oceanic and Atmospheric Administration (NOAA) survey results of Roosevelt Roads and Bahia de Puerca port areas:
 - USCG set operating draft of 33 ft. or less and Daylight Operations only for Roosevelt Roads based on bottom survey and lack of electricity
 - Graving Dock area in the Bay of Puerca was not recommended for consideration for use due to an extensive debris field (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Critical aids to navigation assessment for PR/USVI is at 100%, 86% operational; remaining aids (14%) on station, but note discrepancies; anticipate correction by October 8 (*USCG Update, October 2, 2017, 9:00 a.m. EDT*)
- Transit: Eight Autoridad Metropolitana de Autobuses (AMA) routes open from 7:00 a.m. to 5:00 p.m., with 40 buses in service (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)

• ESF-2: Communications

- Mobile Emergency Response Support (MERS) teams installed amateur radio antennas at convention center to support American Radio Relay League (ARRL) operators
- Restored communications tower near Roosevelt Roads
- Deployed Radio Frequency (RF) technicians to restore communications towers across PR
- Initial Response Vehicle (IRV) en route to Ponce to provide communications support for interagency missions (*ESF-2 Update, October 2, 2017, 1:59 p.m. EDT*)

• ESF-3: Public Works and Engineering

- Dams:
 - Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage
 - Loading 900 super sandbags with gravel; additional 900 expected evening of October 2
 - United States Marine Corps (USMC) rotary wing assets began placing concrete barriers and super sandbag reinforcement along compromised portions of spillway channel October 2

- USGS and USACE coordinating upstream/downstream gage placement and remote video monitoring of Guajataca Dam
- **Thirteen of 17 priority dam inspections complete** *(ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)*
- Temporary Power:
 - Completed 80 of 135 requested generator pre-installation inspections; 17 installations completed; 15 in progress at priority medical facilities and Roosevelt Roads Naval Base; 79 generators available on island to be installed
 - Priority locations for temporary power restoration: Mayaguez la Concepcion Medical Center, Bayamon Public Hospital, and Hospital HIMA San Pablo Fajardo
 - Generator installs completed at a **911 Call Center, Water/Wastewater treatment Plant**, PR Electric Authority Data Center, Centro Cardiovascular de PR y del Caribe, and Departamento Recreacion y Deportes *(ESF-3 Update, October 2, 2017, 10:07 a.m. EDT)*
 - **United States Coast Guard (USCG) Cutter Venturous assessed 16 generators at local emergency management center and child refuge center in Vieques and repaired two; repaired fuel truck which allowed Vieques to deliver fuel on island** *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*
- Debris:
 - USACE met with USCG to discuss potential mission assignment to dispose of 150 vessels
 - **Working on plan to remove vessel close to infringing on Federal navigation channel at Ponce Harbor** *(ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)*
- Temporary Roofing:
 - Current estimates: 60K roofs damaged
 - **Collected 1,050 Right of Entry (ROE) Agreements; assessments ongoing, will provide current count of homes assessed at 8:00 p.m. EDT**
 - Will begin roofing after arrival of 1,900 rolls of sheeting October 3 and 10K rolls of sheeting October 5 (25K total requested); priority is critical public facilities
 - Tarps on order and will arrive throughout October *(ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)*
- **ESF-4: Firefighting**
 - One Type-2 IMT (85 personnel) coordinating resources and assessing firefighting capabilities in support of PR Fire department; assessed 76 of 95 fire stations; **PR Fire Department experiencing severe communications problems and electrical grid extensively damaged; almost entire fire department infrastructure without power; many backup generators damaged; ordered necessary supplies and equipment but estimated arrival date unknown** *(ESF-4 Update, October 2, 2017, 11:48 a.m. EDT)*
- **ESF-5: Information and Planning**
 - **Civil Air Patrol (CAP) operating four aircraft from Isla Grande airport near San Juan with focus on imagery reconnaissance; operations curtailed due to civilian aircraft crash which closed runway; three sorties airborne at the time expected to complete missions** *(CAP Update, October 2, 2017, 1:58 p.m. EDT)*
 - **USACE and PRNG conducting an aerial route reconnaissance of approximately 60 km of roads October 2** *(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)*
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - 619 (+71) registrations on the American Red Cross (ARC) Safe and Well reunification website
 - Feeding:
 - **Salvation Army increased number of fixed feeding sites to 12 (+5); continuing mobile feeding with nine canteens; current capacity approximately 10,000 meals per day**
 - **American Red Cross distributed 5,171 bulk items such as meals, water, and clean up-supplies on October 2; served 12,150 meals October 1** *(ESF-6 Update, October 2, 2017, 2:19 p.m. EDT)*
- **ESF-7: Logistics Management and Resource Support**
 - Incident Support Bases (ISBs):
 - **Roosevelt Roads Airport and Rafael Hernandez Airport in Aguadilla open for air operations; Ponce Air/Sea port open for operations with sea port restrictions; Aguadilla contract signed October 1; ESF-4 Type-1 IMT (49 personnel) supporting commodity distribution at Rafael Hernandez Airport ISB and identifying logistical needs to support DOD** *(ESF-4 Update, October 2, 2017, 11:35 a.m. EDT)*
 - **Preparing to open Ponce Air/Sea Port and Marine Corps support facility at Blount Island** *(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)*

- In addition to 10 Regional Staging Areas (RSAs) for commodities distribution, PR plans to add 25-30 distribution points within next two days using local armories and guardsmen *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*
- Commodities: Transitioning to next phase of water and meal support, with greater emphasis on contracts and Defense Logistics Agency (DLA) support
 - First contract barge water deliveries will arrive in San Juan on October 6
 - DLA-provided MREs and contract meals are being loaded on barges in Jacksonville and will be incorporated into air bridge flights later this week
 - 1,900 rolls of plastic to support blue roof mission expected to arrive October 3; 10,000 rolls expected to arrive October 5 *(ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)*
 - Flights into Puerto Rico October 2:
 - Fifteen flights transporting 136K liters of water, 230K meals, personnel, 12 black hawk helicopters, 900 sandbags, and Veterans Affairs Mobile Medical unit *(MCC Tracking Schedule, October 2, 2017, 3:11 a.m. EDT)*
 - USCG transported Mobile Medical Unit and 6K gallon fuel truck to San Juan October 1; meals, water, 45 passengers, and fuel pumping supplies will be delivered to San Juan and Borinquen October 2 *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*
 - C-17 arrived in Aguadilla with four H-60 helicopters to enhance air distribution of commodities across PR; two C-17 also delivered food and water as part of daily commodities delivery *(DoD Update, October 2, 2017, 1:58 p.m. EDT)*
 - Ships into Puerto Rico:
 - USCG Cutter (USCGC) Decisive moored at Miami Beach to onload 4K pounds of construction materials, 50 generators, and other humanitarian supplies for delivery to PR *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*
 - El Rey transporting 756K liters of water, 694K meals, and four generators; expected to arrive and unload October 2 *(ESF-7 Update, October 1, 2017, 7:16 p.m. EDT)*

○ Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	1,000	916	84
TS Kennedy	Operational	PR: San Juan	Arrived	600	600	0
TS Empire State	Operational	PR: San Juan	Arrived	650		
La Suprema	En route	PR	10/5	2,200		
Adriana	En route	PR	10/6 - 10/9	302		
Rhapsody	En route	PR	10/10 - 10/12	2,044		
JMC 3330	Secured	PR	10/19	430		
			PR TOTAL:	7,226	1,516	84

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG inspecting Rhapsody October 2 before it accepts responders for berthing *(USCG Update, October 2, 2017, 1:00 p.m. EDT)*
- **ESF-8: Public Health and Medical Services**
 - Hospitals:
 - Power restored to fourteen (20%) hospitals (back on electrical grid); 50 hospitals functioning on generator power *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*
 - PR National Guard provided fuel for generators at Department of Health Laboratory and two hospitals *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*
 - More than 50 hospitals using Hertz-Armstrong-Marconi (HAM) radio operators for communications *(ESF-2 Update, October 2, 2017, 1:59 p.m. EDT)*
 - Dialysis Centers:
 - 46 of 48 open: 44 fully operational, two partially operational, two closed
 - FEMA secured private contractor to provide fuel and water exclusively to functional dialysis clinics *(ESF-8 Update, October 1, 2017, 7:00 a.m. EDT)*
 - Medical vessel USNS Comfort expected to arrive October 4 with 800 medical personnel and support staff; medical care capabilities include general practice, family medicine, nephrology, and pediatrics; ship is capable of serving 200 patients per day
 - Four boxes of platelets and one box of red blood cells expected to arrive in San Juan October 2 *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*

- **ESF-9: Search and Rescue**
 - Two FEMA Urban Search and Rescue (US&R) task forces performed targeted searches/wellness checks; supported Secret Service/Immigration and Customs Enforcement mission to gain access to radio tower for repair and refueling; improved radio interoperability in PR (*ESF-9 Update, October 2, 2017, 2:01 p.m. EDT*)
 - USCGCs Dixon and Tezanos at Vieques and Ponce respectively to support search and rescue coverage and interagency support (*USCG Update, October 2, 2017, 12:59 p.m. EDT*)
- **ESF-10: Oil and Hazardous Material Response**
 - Environmental Protection Agency:
 - Eight EPA and PR Department of Health (DPNR) teams assessing community water systems not serviced by Puerto Rico Aqueduct and Sewer Authority (PRASA) October 2 in Caguas; 4% of PR population do not receive service from PRASA
 - Conducted superfund site surveys and surveillance of Upjohn Facility, Vega Alta Public Supply Well, and Juncos Landfill September 30, awaiting results (*ESF-10 Update, October 2, 1:48 a.m. EDT*)
 - Port Assessments:
 - USCG working with USACE and Navy Supervisor of Salvage and Diving (SUPSALV) to survey two vessels located in turning basin in vicinity of Port of Ponce; USCG, USACE, and SUPSALV assessing potential salvage and impacts to ports and vessel impacts
 - Overflight for a larger sunken vessel off Vieques failed to locate the vessel or any signs of pollution (*USCG Update, October 2, 2017, 10:53 a.m. EDT*)
- **ESF-11: Agriculture and Natural Resources**
 - Humane Society of the United States (HSUS) evacuated 330 (+71) animals to date; additional animal evacuations planned throughout week
 - Eight-person assessment team from HSUS and EMAC team from NC arrived October 1 to assess pet/animal facilities (*ESF-11 Update, October 2, 2017, 2:00 p.m. EDT*)
 - Thirteen of 84 Food Safety Inspection Service regulated facilities open but not operational due to power outage and lack of potable water (*ESF-11 Update, October 1, 2017, 1:50 p.m. EDT*)
- **ESF-12: Energy**
 - Puerto Rico Electric Power Authority (PREPA) expects 15% of customers will have power restored within next two weeks
 - PREPA contracted Whitefish Energy to work on transmission and distribution systems; Whitefish Energy has team in PR and preparing contingent of crews to include those providing mutual aid; staging resources in FL and TX to expedite shipments of restoration materials
 - First Whitefish Energy project will be re-energizing line to Dos Bocas Hydro Plant for potable water
 - Generator powering pump for Pipeline of Puerto Rico jet fuel line requires repairs, replacement not an option as generator is unique; Pipeline of Puerto Rico contacted generator repair contractor October 1
 - Tanker CT Cork arrived October 2; maximum capacity 2.9 million gallons fuel
 - Defense Logistics Agency: 100 fuel trucks arrived PR October 2; 125 drivers expected to arrive late October 2
 - Total Brand gas stations, accounting for approximately 30% of PR open gas stations, reporting stations running out of fuel about five hours after delivery due to high demand; Total Brand will bring four truck drivers from Dominican Republic October 2 to alleviate distribution challenges
 - Total Brand expects diesel fuel demand to increase from 5% to 25% of total distribution due to demand for powering generators; increased truck fleet from 13 to 24 to meet demand (*DOE SitRep #70, October 2, 2017, 1:00 p.m. EDT*)
 - San Juan financial district back on electrical grid (*DOE Update, October 2, 2017, 12:38 p.m. EDT*)
- **ESF-13: Public Safety and Security**
 - Four additional Quick Response Teams (25 personnel each) arriving October 4
 - Teams continue to support: US&R, Disaster Medical Assistance Teams, and PR Police Department (*ESF-13 Update, October 2, 2017, 1:28 p.m. EDT*)
 - Installed generators at Golden Grove Prison October 1 (*ESF-3 Update, October 2, 2017, 10:07 a.m. EDT*)
 - Federal Protective Service conducting advance site security assessments in preparation of POTUS visit (*FPS Update, October 2, 2017, 2:25 p.m. EDT*)

- **ESF-15: External Affairs**
 - Private Sector Snapshot:
 - Sherwin Williams, Inc.: One store open, four others to open October 4, remaining stores require security and power to reopen
 - Home Depot: Six of nine stores open on generator power
 - Chili's restaurants: Eight of 22 open on generator power *(ESF-15 Update, October 2, 2017, 1:50 p.m. EDT)*
- **U.S. Department of Defense (DOD)**
 - USS Kearsarge, and USS Oak Hill providing rotary wing support to FEMA mission sets as required; Marines and Sailors integrated with FEMA Task Forces and providing manpower, analysis, route clearance, and commodity distribution support
 - USS Wasp will arrive October 3 with 13 rotary wing aircraft (nine MH-60s and four CH-53s)
 - Strategic airlift in support of FEMA's response operations: Four C-17s (one with four UH-60s) arrived October 2
 - Defense Logistics Agency: Mission Assignment approved for five water trucks to PR, pending award *(DOD Update, October 2, 2017, 1:58 p.m. EDT)*
- **National Guard Bureau (NGB)**
 - State-to-state EMAC forces continue to arrive, increasing National Guard footprint in PR to 3,400; 340 additional NG Military Police and Engineer personnel scheduled to arrive October 3 *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*
- **Customs and Border Protection**
 - Completed 122 air missions for PR and USVI, including logistics (66); imagery, video, and communication (5); personnel relocation (39); and equipment transfer (12) *(CBP Update, October 2, 2017, 11:24 a.m. EDT)*
- **U.S. Department of the Interior (DOI)**
 - USGS Landslide Hazards Program will examine available imagery to identify landslide extent in drainage basins above Guajataca Dam
 - USGS real-time hydrological information for the dam available online; real-time readings show Lake Guajataca water levels have remained relatively consistent near the dam *(DOI Update, October 2, 2017, 2:08 p.m. EDT)*
- **U.S. Postal Service (USPS)**
 - Providing mail for pickup or delivery to post office boxes at 101 of 128 post offices, including Vieques and Culebra; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Interagency Coordination for U.S. Virgin Islands:

- **ESF-1: Transportation**
 - Roads: All highways on St. Croix open with at least one lane of traffic; commercial vehicle movement remains limited due to clearance issues with leaning trees and power lines;
 - Route 66: Only four-lane divided highway on the island running east to west is fully open all lanes
 - Route 70: Main local east to west highway on island is open with a handful of areas where debris restricts to one travel lane *(ESF 1 Update, October 2, 2017, 12:27 p.m. EDT)*
 - Debris : 90% of USVI roadways are cleared of debris *(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)*
 - Mahogany Road impassible; still need to assess Mahogany Road and Bridges *(ESF-1 Update, October 1, 2017, 2:21 p.m. EDT)*
 - Ports: All nine deep-water ports fully open or open with restrictions *(USCG Update, October 2, 2017, 4:53 p.m. EDT)*
- **ESF-2: Communications**
 - Set up 18 WIFI hotspots throughout USVI
 - St. John: MERS issued 14 very high frequency (VHF) radios to support first responder networks and provided a High Frequency (HF) antenna to New York State Police
 - St Thomas: Team replaced very small aperture terminal (VSAT) system supporting EOC due to inclement weather; MERS mechanics maintaining vehicles, generators, and shelter support equipment on regular basis
 - St. Croix: Assisted with registration of PIV cards for FEMA EOC members; assisted Governor's staff with installation of VSAT system being used to support live feed video conferences; collaborated with

communications service providers to determine issues causing satellite communications irregularities (ESF-2 Update, October 2, 2017, 10:23 a.m. EDT)

- **ESF-3: Public Works and Engineering**

- Completed assessments of 115 critical facilities identified by VITEMA as of October 1 (ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)
- Temporary Power:
 - Completed 121 of 153 requested pre-installation inspections; 18 generators installed to date; 35 generators available on island to be installed
- Debris:
 - St. Thomas: USACE estimates debris volume at 355K cubic yards; debris removal operations to begin October 2
 - St. Croix: USACE estimates debris volume at 750K cubic yards; Department of Public Works and sub-contractors have collected 1,500 cubic yards debris to date
 - St. John: USACE estimates debris volume at 33K cubic yards; debris removal operations to begin October 8
 - Assisted in integration of Joint Forces Land Component Command into the Debris Task Force and overall GIS effort
 - Debris Subject Matter Experts coordinating with the USVI Department of Planning and Natural Resources (DPNR) for approval of temporary debris disposal sites (ESF-3 Update, October 2, 2017, 10:13 a.m. EDT)
- Temporary Roofing
 - Current blue roof estimates: St. Croix: 5K, St. Thomas: 7K, and St. John: 1K
 - Collected 941 Right of Entry Agreements; assessed 130 homes, installed 43 roofs (ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)

- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**

- Ninety-five (+1) registrations on the American Red Cross (ARC) website
- Feeding:
 - Salvation Army working to distribute 21,600 food boxes provided by FEMA throughout St. Thomas, St. Croix, and St. John
 - ARC distributed 97 bulk items and served 2,045 meals and 221 snacks October 2 (ESF-6 Update, October 2, 2017, 2:19 p.m. EDT)

- **ESF-7: Logistics Management and Resource Support**

- Preparing to open ISBs in St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal); staging materials for lots (ESF-7 Update, September 29, 2017, 2:46 p.m. EDT)
- Commodities:
 - Planning to ship 1,152 rolls of Blue Roof Plastic Sheeting from Miami, FL to St. Croix October 2 (ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)
 - Vehicles: General Services Administration (GSA) working to secure agreement with Hertz to source 58 vehicles for shipment to St. Thomas (GSA Update, October 1, 2017, 1:19 p.m. EDT)
 - DLA shipment of approximately 15K gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed (DLA Update, October 2, 2017, 5:00 a.m. EDT)
 - ESF-4 assigned Type-2 IMT (20 personnel) to support commodity distribution in St. Croix; continuing work with FEMA on warehouse lease near airport; team will then clean and prepare warehouse for staging meals-ready-to-eat, water, and other food items (ESF-4 Update, October 2, 2017, 1:08 p.m. EDT)
 - USCG flights delivered Transitional Sheltering Assistance (TSA) cash to St. Thomas and will transport TSA cash as well as communications gear to St. Croix on October 2 (USCG Update, October 2, 2017, 12:59 p.m. EDT)
 - Seven flights into USVI October 2:
 - St. Thomas: One flight transporting 40K meals
 - St. Croix: Six flights transporting 80K meals, 30 generators, medical supplies and personnel (MCC Tracking Schedule, October 2, 2017, 3:11 a.m. EDT)

○ Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,700	1,173 (+36)	527
SS Wright	Operational	USVI: St. Thomas	Arrived	315	184 (+4)	131
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	46 (-6)	150
Ocean Carrier	En route	USVI: St. Thomas	10/8	123		
Azura	En route	USVI: St. Thomas	10/10 – 10/12	1,808		
TOTAL:				4,142	1,403	808

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG inspecting Azura October 2 before it accepts responders for berthing *(USCG Update, October 2, 2017, 1:00 p.m. EDT)*

● **ESF-8: Public Health and Medical Services**

- Royal Caribbean ship departed September 29 for Ft. Lauderdale, transporting 3,188 passengers from St. Croix (533), St. John and St. Thomas (533), and San Juan (1,791) and 121 pets; will arrive October 3 *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*
- VA Hospitals: Outpatient clinics open October 1 in St. Thomas and St. Croix *(VHA Office of Emergency Management Update, October 1, 2017 10:00 a.m. EDT)*

● **ESF-9: Search and Rescue**

- USCGC Horsley scheduled to transport Transportation Security Administration personnel from St. Thomas to St. John on October 2
- USCGC Napier expected arrive USVI on October 2 to provide maritime SAR coverage and interagency support *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*

● **ESF-10: Oil and Hazardous Material Response**

- Sampled 101 of 161 (63%) of public and private water systems on St. Croix to date; 12 initially tested positive for e. coli; all 12 later re-tested negative after disinfection *(ESF-10 Update, October 2, 1:48 p.m. EDT)*
- USVI Department of Planning and Natural Resources (DPRN) and EPA will commence water sampling on St. Thomas and St. John no earlier than October 4 *(ESF-10 Update, October 2, 10:53 a.m. EDT)*
- DPRN and USCG established Unified Command, working on plan to address pollution response and marine debris removal operations *(USCG Update, October 2, 2017, 10:53 a.m. EDT)*

● **ESF-11: Agriculture and Natural Resources**

- Only Food Safety Inspection Service facility, privately owned, remains closed due to lack of power and potable water *(ESF-11 Update, October 1, 2017, 1:50 p.m. EDT)*

● **ESF-12: Energy**

- Western Area Power Administration deployed 25 personnel to St. Thomas, final three personnel expected to arrive October 2; expect to unload six Western Area Power Administration trucks in port at St. Thomas by October 2 *(DOE SitRep #70, October 1, 2017, 1:00 p.m. EDT)*

● **U.S. Department of Defense (DOD)**

- Strategic airlift in support of FEMA's response operations: Enroute Patient Staging System, Joint Patient Movement Regulating Team, and Critical Care Air Transport Team in St. Croix to redeploy to CONUS on October 3
- Defense Logistics Agency (DLA):
 - Researching requirement for additional four water pumps
 - Received requirement for 30 additional generators for St. Thomas *(DOD Update, October 2, 2017, 1:58 p.m. EDT)*

● **U.S. Department of the Interior (DOI)**

- National Park Service assessed Virgin Islands National Park (St. John) 400-foot pier October 1; due to debris and sediment, large housing vessels proposed by FEMA may not be feasible; additional assessments needed *(DOI Update, October 2, 2017, 2:08 p.m. EDT)*

● **U.S. Postal Service (USPS)**

- Providing mail for pickup or delivery to post office boxes at five of six offices in St. Croix, three of five offices in St. Thomas, and the only office in St. Johns; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Quantity			
	Meals	Tarps	Water
St. Thomas	3,462,785	15,485	1,840,213
St. Croix	738,960	10,000	427,000
USVI Total	4,201,745	25,485	2,267,213

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Total Arrived Quantity					
	Meals	Tarps	Water	Generator	Cots
PR	5,352,744	5,000	5,386,638	278	22,202

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Maria Force Laydown

As of October 02, 2017 4:00 p.m. EDT

Puerto Rico:

FEMA: N-IMAT-E2
 ESF-1: TS KENNEDY; TS Empire State; PR Convention Center (providing responder lodging)
 ESF-2: 5 MERS; MEOV 32
 ESF-3: Roofing Teams; Power & Debris PRTs; 249th
 ESF-4: Type 1 IMT; 2 Type 2 IMT w/ 26 Saw Teams
 ESF-8: SAT; 14 DMAT; CDC; APHT; DMORT; 2 HMTF; MHT
 ESF-9: IST; 2 Type 4 US&R
 ESF-11: HSUS

Puerto Rico (Continued):

ESF-12: IMAT Support
 ESF-13: QRTs
 CAP: Aerial Support
 CBP: SRT
 USCG: IMAT; NSF; 9 Cutters
 DOD: DCE
 VA: 2 Mobile Medical Teams
 FPS: 2 EDCT

St. Thomas:

FEMA: 1 RX-IMAT
 ESF-1: SS Wright
 ESF-2: MERS
 ESF-3: Roofing Teams; Power & Debris PRT; 249th
 ESF-4: Type 2 IMT
 ESF-8: MHT
 ESF-12: IMAT Support; Power Restoration Team
 CBP: SRT; OIT
 DOD: DCE; ASMC; GST; CAISE
 USCG: NSF, 1 Cutter

St. John:

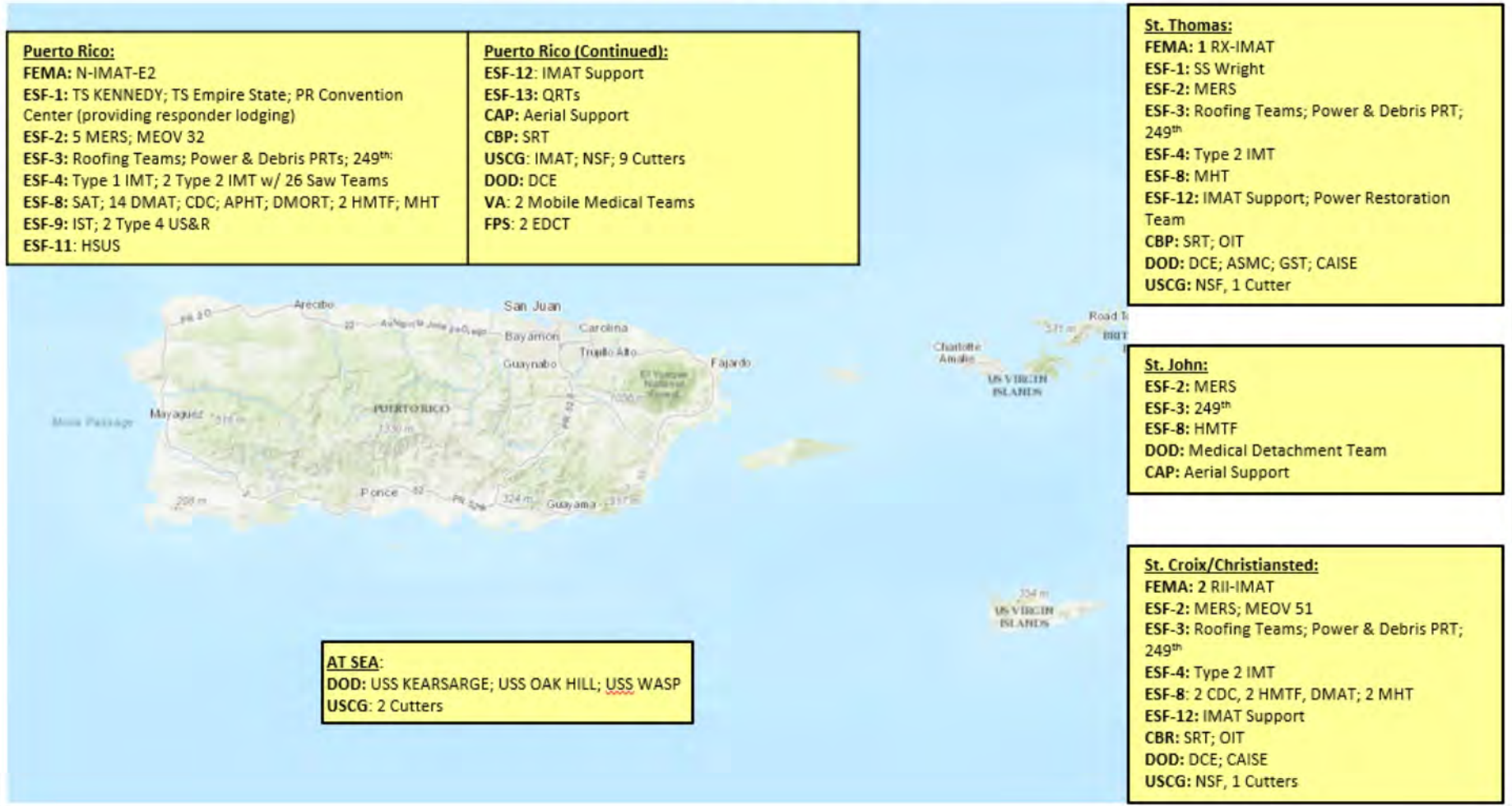
ESF-2: MERS
 ESF-3: 249th
 ESF-8: HMTF
 DOD: Medical Detachment Team
 CAP: Aerial Support

St. Croix/Christiansted:

FEMA: 2 RII-IMAT
 ESF-2: MERS; MEOV 51
 ESF-3: Roofing Teams; Power & Debris PRT; 249th
 ESF-4: Type 2 IMT
 ESF-8: 2 CDC, 2 HMTF, DMAT; 2 MHT
 ESF-12: IMAT Support
 CBR: SRT; OIT
 DOD: DCE; CAISE
 USCG: NSF, 1 Cutters

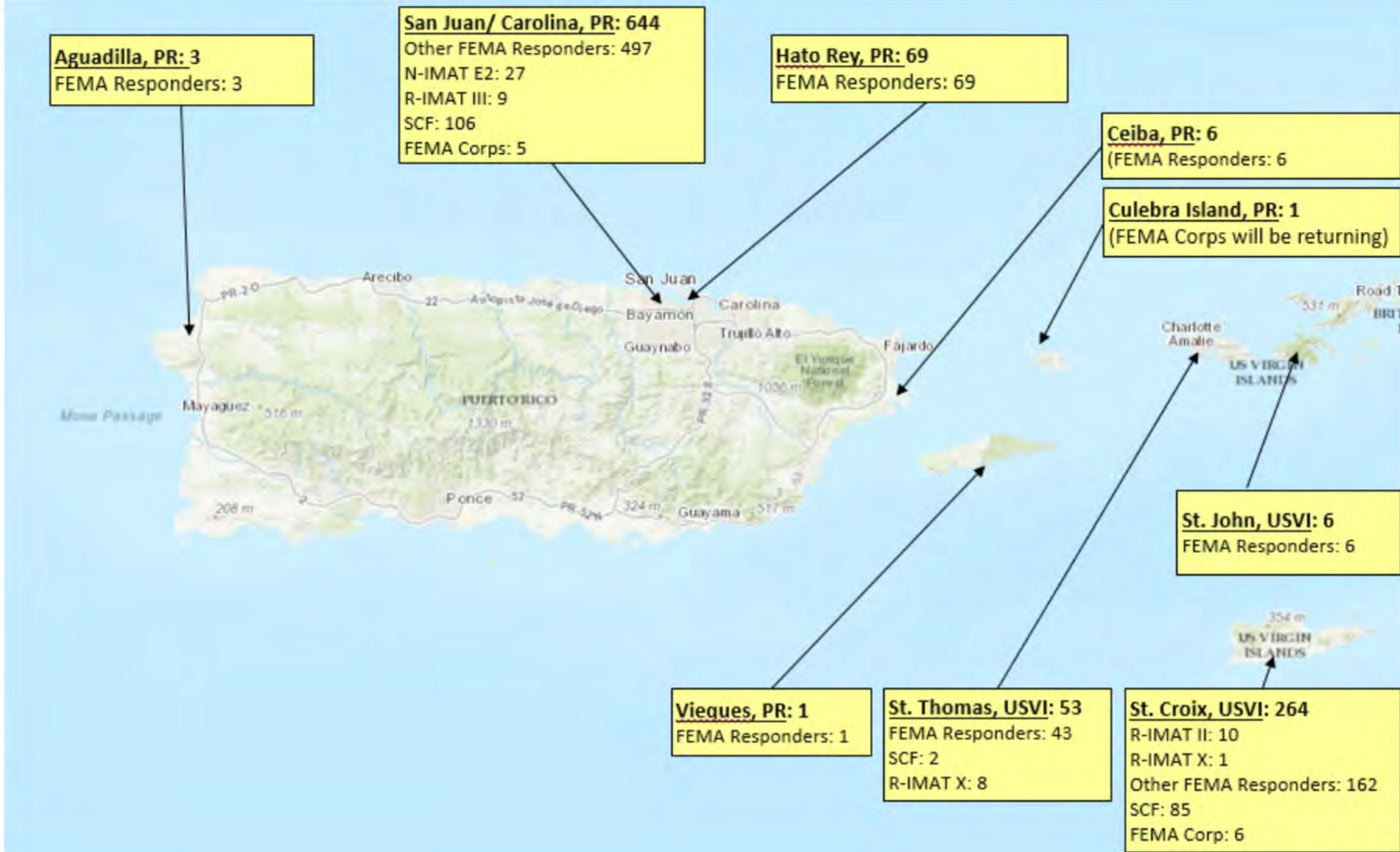
AT SEA:

DOD: USS KEARSARGE; USS OAK HILL; USS WASP
 USCG: 2 Cutters



Hurricane Irma/Maria – FEMA Responder Laydown (As of October 2, 2017 2:00 p.m. EDT)

Total FEMA Supporting Hurricane Irma/Maria Actions on Puerto Rico and US Virgin Islands: Responders on the Ground: 1047



Maritime Ports & Airports Status: PR and USVI (02 October 2017, 1700 EDT)

FEMA-DR-4339-PR & FEMA-DR-4340-USVI: Hurricane Maria



Data Layer/Map Description:
This map depicts the status of maritime ports and airports throughout Puerto Rico & the U.S. Virgin Islands.

Airport Status

- Open
- Open with Restrictions
- Military Air and Hurricane Relief Only
- Closed

Maritime Port Status

- Closed
- Daylight Only Operations with Restrictions
- Daylight Only Operations
- Open

(C) Container Handling Port
(F) Fuel Handling Port
(Cr) Cruise Ship Port



Data Sources:
FEMA, ESRI, USCG, FAA

Map Created by: FEMA/NRCC GIS Specialist

Initial Map Creation: 02 October 2017, 1700 EDT

Coordinate System: WGS 1984 World Meridian

Fuel Deliveries Last 24 Hours: (02 October 2017, 1400 EDT)

FEMA-4339-DR-PR: Hurricane Maria



Data Layer/Map Description:
This map depicts refueled facilities in Puerto Rico. The Fuel Task Force's DOD component and Macro Companies working PREMA emergent requests refueled facilities on **September 30, 2017**. DOD will refuel 31 medical facilities on a 3.5 day cycle.

Total Recipients: 25
Total Fuel (gal): 120,780

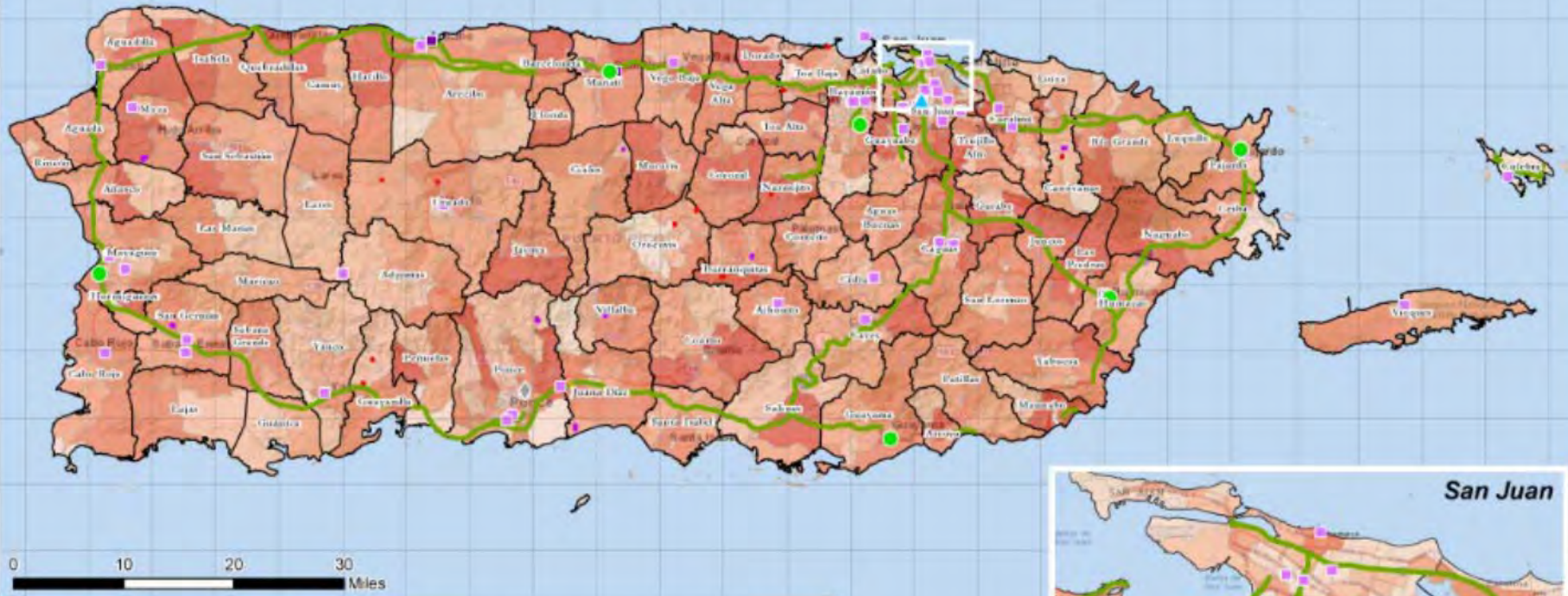
- Structure Type**
- Business
 - Communications
 - Government
 - Hospital
 - Housing/Shelter
 - Non-Governmental Org.*
 - Transportation
 - Utility
- * Unknown fuel amount - Salvation Army

- Diesel Refueled**
- 0 - 800 gal
 - 801 - 2000 gal
 - 2001 - 3500 gal
 - 3501 - 6000 gal
 - 6001 - 24000 gal

Data Sources: FEMA, ESRI, HHS, DOD

Map Credited by NROC GIS Initial Map Creation (02 October 2017, 1400 EDT) Coordinate System: WGS 1984 World Mercator

Hurricane Maria Strategic Hospital Restoration Plan



Hospital Information

- ▲ Tier 1 (1)
- Tier 2 (6)

Note:
Tier 1 is the primary hospital -
Cardinal Health

Note: (#) Shows
total number of hospitals

Hospital Information

- Tier 3 - Open (57)
- Tier 3 - Closed (2)
- ◆ Unknown (1)

Data Sources:
FEMA, ESRI, HHS, Census, DOT
FEMA NRCC GIS Desk

Road Status

- Bridge Obstruction (11)
- Road Obstruction (12)
- Closed - Partial (1)
- Open (3,861)

Total Population

- 0 - 2,075
- 2,076 - 3,421
- 3,422 - 4,799
- 4,800 - 6,701
- 6,702 - 12,755



Puerto Rico Road and Bridge Status (02 October 2017, 1300 EDT)

FEMA-DR-4339-PR



Data Layer/ Map Description:
This map shows bridge status as of: October 1, 2017 and road status as of: October 1, 2017.

Surveyed Road Status

- Open
- Closed - Partial
- Total Closure
- Local Roads

Bridge Status (21)

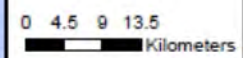
- 10 Collapsed / Lost
- 4 Partially Collapsed / Lost
- 7 Scour / Partial Closure

Road Obstruction

- Damaged/Collapsed Bridge (11)
- Collapsed Road (3)
- Landslide (8)
- Lane Closed (1)
- Bunk sub-base (2)
- Veg Material & Sediment (1)

Critical Infrastructure

- Hospitals
- Major Cities
- Airports
- Ports
- Helipads



Data Sources:
FEMA, EBRI, USDOT
Puerto Rico Governor's Office



Bridge	Town	Carry
653	Canovanas	PR-957
1130	Ciales	PR-145
37	Toa Baja	PR-2
38	Toa Baja	PR-2
635	Toa Baja	PR-165
1078	Juana Diaz	PR-52 (S.R.)
1462	Morovis	PR-567
1385	Quebradillas	PR-476
2766	Juana Diaz	PR-509
599	Ciales	PR-615
672	Arroyo	PR-752
944	Guayanilla	PR-2 (E.B)
1374	Ciales	PR-149
679	Moca	PR-404
1485	Corozal	PR-802
872	Carolina	PR-857
1657	Toa Alta	PR-861
1352	Ciales	PR-145
1733	San Sebastian	PR-111
256	San Sebastian	PR-119
1692	Villalba	PR-151

PREMA Zone	
Zone Number	Zone Name
1	San Juan
2	Vega Baja
3	Arecibo
4	Aguadilla
5	Mayaguez
6	Ponce
7	Utua
8	Comerio
9	Guayama
10	Caguas
11	Humacao
12	Ceiba

DISCLAIMER:
Road status data based on whole highway segments rather than discrete point or line blockages. Actual accessibility may be greater than displayed for "Closed - Partial" segments.

Puerto Rico Regional Staging Area (RSA) and Transportation Obstructions

FEMA-DR-4339-PR: (02 October 2017, 1300 EST)



PREMA Zones	
Number	Name
1	San Juan
2	Vega Baja
3	Arecibo
4	Aguadilla
5	Mayaguez
6	Ponce
7	Utua
8	Comerio
9	Guayama
10	Caguas
11	Humacao
12	Ceiba

Data Layer/Map Description:
 This map depicts the Regional Staging Area (RSA) locations and U.S. Department of Transportation bridge and road statuses in Puerto Rico.

- RSA
- Bridge Status**
- ▶ Collapsed / Lost
- ▶ Partially Collapsed / Lost
- ▶ Scour / Partial Closure
- Road Obstruction**
- ▲ Damaged/Collapsed Bridge
- ▲ Collapsed Road
- ▲ Landslide
- ▲ Lane Closed
- ▲ Sunk sub-base
- ▲ Veg Material & Sediment
- PREMA Zone

Data Sources:
 FEMA, DOT, ESRI

Recovery Snapshot
Post-Tropical Cyclone Irma
Monday, October 2, 2017 (5:00 p.m. EDT)
Updates in Blue

Declarations:

- FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 (*Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate*)

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/28: DR-4338	7 counties	All 159 counties (Cat A and B)	75%
Seminole Tribe of Florida	9/27: DR-4341	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/21: DR-4337	48 counties	69 counties (Cat A-G)	75% 100% (Cat B) for 30 days
Alabama	9/11: EM-3389		All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: EM-3386	-	All 46 counties and Catawba Indian Nation (Cat B)	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	<ol style="list-style-type: none"> Deliver Individual Assistance Open Disaster Assistance Centers Conduct IA & PA preliminary damage assessments Public Information 	Not yet reported
Florida	<ol style="list-style-type: none"> Public Assistance (PA) PDAs Housing in Lee, Hendry, and Collier Counties HUD damage assessments Temporary housing Transitional Sheltering Assistance (TSA) Flagler County requesting expediting processing of Category A and B and making funds available immediately. Requested priority assignment from the state for fixed site registration at Flagler Beach and Hammock Communities Request for Direct Housing - DHAT will deploy to the counties to conduct assessments HUD has granted a 90-day moratorium on foreclosures and forbearance on foreclosures of Federal Housing Administration (FHA)-insured home mortgages. Continuing to coordinate with State on STEP. USACE feasibility inspectors are continuing their review of commercial park pads Advanced Planning coordinated with GIS to create an interactive housing map and data sharing between stakeholders EA IGA responded to inquiries from state legislator and local officials, primary focus of inquiries were related to debris removal, contractor procurement, constituent registration concerns and an inspector verification. Developing Innovative Housing Solutions presentation for mission support, planning to Integrating FIU Extreme Events Institute The Economic Housing RSF Team identified several 	<ul style="list-style-type: none"> Staffing Individual Assistance and Disaster Survivor Assistance missions Need more IA Caseworkers for applicants, IA caseworkers need NEMIS/NACS rights Survivors continue to request temporary housing as shelters are closing Debris removal resources Some schools in the Keys will not open until October 2nd Need more language interpreters, Spanish and Creole (Haitian) Flagler County is very low on funding due to Hurricane Matthew and initial Irma response efforts; no reserve funds to draw upon. Frustrations with long wait times and dropped calls when calling the 1-800 FEMA number (capacity) Concern about the lack of information on Housing Strategies/Resources for survivors Hernando County: mosquito concerns Survivors leaving without assistance prior to registering at DRCs due to extreme temperatures and extended wait times (3.5 hour wait times at the DRC in Miami-Dade) Concerns over potential arrival of approximately 3,200 evacuees via cruise ship from Puerto Rico, St. Croix and St. Thomas. Evacuees are scheduled to dock on 3 Oct. in Port Everglades. Need more information from JFO on the coordination for these incoming survivors DSA concerns over inability to check survivor cases

<p>areas of major concern and will begin analysis immediately</p> <p>17. At request of Patrick Air Force Base leadership, DSA conducted on-site registration for military families evacuated from Puerto Rico.</p> <p>18. Initiate the Sheltering and Temporary Emergency Power (STEP) program in Broward, Charlotte, Collier, Glades, Hendry, Lee, Miami-Dade, Monroe and Palm Beach Counties.</p>	<p>on NEMIS</p> <ul style="list-style-type: none"> • The 30 day waiver for electrical work for damaged homes is set to expire Oct 13. Clay County is concerned about homeowners' electricity functionality & home repairs not being up to code. Messaging may be needed • Isolated Thunderstorms could produce gusty winds and brief heavy rains through Sunday 10/01/2017. Survivors concerned about proposed rainfall and threat to already flooded roads and damaged homes.
--	--

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	<ul style="list-style-type: none"> • Destroyed: 46 structures • Major Damage: 171 structures • Minor Damage: 111 structures • Affected Habitable: 127 structures 	PA PDAs: Total \$29.6 M <ul style="list-style-type: none"> • Category A: \$14.4M • Category B: \$5.5M • Category C: \$4.6M • Category D: \$0.1M • Category E: \$1.6M • Category F: \$1.9M • Category G: \$1.4M
Florida	In process	

Interagency Coordination/Recovery:

- **Recovery Support Function (RSF): Housing Recovery**

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	30,098	\$8,249,642	\$5,550,119	\$2,699,523
Florida	2,107,427	\$687,555,126	\$450,626,229	\$236,998,897
Puerto Rico	4,233	\$296,060	\$141,653	\$154,407
Seminole Tribe of Florida	225	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	7,569	\$4,592	\$4,592	\$0

Housing Inspections <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	21	4,345	1,680	38.7%
Florida	1,297	525,425	117,962	22.5%
Puerto Rico	22	1,295	502	39%
U.S. Virgin Islands	7	5,723	4	0.1%

(Irma) National Flood Insurance Program Claims Estimate <i>(as of 10/02/2017, 2:13 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 22,000	Over \$38,000,000
Georgia	Over 1,800	Over \$3,000,000
South Carolina	Over 2,000	Over \$2,000,000
U.S. Virgin Islands	45	Not yet reported
Puerto Rico	4	Not yet reported
Alabama	1	Not yet reported

- Temporary Housing: FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 *(Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)*

Transitional Sheltering Assistance <i>(as of 10/02/2017, 7:20 a.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible
Florida	9,496	713,124

○ Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	22,557	54%	213	\$9,148,400	\$42,950

○ US Department of Housing and Urban Development (HUD) (as of 10/01/2017)

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130
South Carolina	1	88
Total	181	23,748

Multifamily Housing	Impacted Properties	Units	Assisted Units	Properties w/Moderate or Major Damage	Residents Displaced/ Evacuated	Residents Returned
Florida	910	106,513	45,902	89	614	0
Georgia	50	4,665	2,145	1	150	0
Total	960	111,178	48,047	90	764	0

Public Housing	Impacted Properties	Total Number of Assisted Units	Displaced Households	Returned Households
Florida	656	32,191	6	222
Georgia	7	33,661	0	0
South Carolina	0	13,798	1	1
Total	663	79,650	7	223

Housing Choice Voucher (HCV)	Total Number of Assisted Households	Displaced Households	Returned Households
Florida	100,847	13	14
Georgia	55,639	0	0
South Carolina	25,706	0	0
Total	182,192	13	14

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	1,348	35%	12	\$662,100	\$55,175

○ USDA Risk Management Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million
Largest Crop Liability (amount)	Orange Trees (\$1.1 billion)	Cotton (\$581.2 million)	Coffee (\$932,742)

*PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary of Business.

o USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

Total Combined \$ Loss for Crops/Livestock by Hurricane <i>(as of 09/24/2017, 11:02 a.m. EDT)</i>	
Total Irma Hurricane Total	\$338,272,398

Recovery Snapshot
Post-Tropical Cyclone Harvey
Monday, October 2, 2017 (5:00 p.m. EDT)
Updates in Blue

Declarations:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	9/23: DR-4332	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> Sheltering and temporary housing Debris Removal Collect and disseminate accurate incident information to improve decision-making Accurately track incident costs associated with assigned resources for cost recovery <p style="text-align: right;"><i>(TDEM Sit Rep, September 29, 2017, 8:00 a.m. EDT)</i></p>	Not yet reported

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	21 counties requested, 20 counties complete, 1 county ongoing

Interagency Coordination/Recovery:

• **RSF: Housing Recovery**

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	845,156	\$857,025,608	\$635,725,864	\$221,299,744

Housing Inspections <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,803	511,558	309,174	60.4%

(Harvey) National Flood Insurance Program Claims Estimate <i>(as of 09/29/2017, 1:34 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 88,000	Over \$1 billion
Louisiana	Over 480	Over \$2 billion

Closure Rates: Over 4% of claims have been closed in Texas with over \$42,000,000 paid in closed claims; over 11% of claims have been closed in Louisiana with over \$1,200,000 paid in closed claims

○ Temporary Housing

Transitional Sheltering Assistance <i>(as of 10/02/2017, 7:20 a.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible
Texas	22,125	343,534

○ Small Business Administration (SBA) Home Loans

SBA Home Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	52,586	64%	7,471	\$628,181,700	\$84,083

○ U.S. Department of Housing and Urban Development (HUD) (as of 10/01/2017)

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	20,971	3,224	844
Public and Indian Housing	66	10,965	330	263
HCV	N/A	148,205	813	655
Healthcare and Hospitals	40	5,236	599	501

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	3,589	69%	605	\$57,132,900	\$94,435

○ U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information for Hurricane Harvey (as of 9/23/2017)		
	Texas*	Louisiana **
Liabilities	\$792.4 million	\$133.5 million
Largest crop liability (total)	Cotton (\$352.3 million)	Rice (\$104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon.

++ Information collected from RMA's Summary of Business Reports <http://www.rma.usda.gov/data/sob.html>

○ USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	\$72,961,810

○ USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
159,339	124,991	361,328	\$118,701,657	7,733	10	34	2,873	\$118,704,530

(Recovery Update, September 28, 2017, 11:02 a.m. EDT)

○ Natural Resources Conservation Service

	EWPP Sponsor requests	EQIP Applications	CTA/Employees Providing Assistance
Texas*	5 new, 6-7 previous projects that may need assistance	57	97
Louisiana**	0	0	25

*57 EQIP application for FY17 received to date for TX special sign-ups

**Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP

From:	FEMA-ESF15-Coordination </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1684F0A97D524A068FB7B08BF23014BE-FEMA-ESF15->
To:	"Phalen, Susan </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=911842a8acdb452d870ff6776801fdb6-Phalen, Sus>"
Subject:	FW: JEA Linemen Going to Puerto Rico
Date:	2017/10/05 15:09:12
Priority:	Normal
Type:	Note

Referred to Another Agency/Component

From: (b)(6) . - Manager Media Relations [mailto:(b)(6)@jea.com]
Sent: Thursday, October 05, 2017 2:45 PM
To: Rousseaux, Charles (b)(6)@HQ.DOE.Gov>
Subject: JEA Linemen Going to Puerto Rico

Forty-one JEA linemen and direct support personnel are leaving for Puerto Rico this week to assist in the reconstruction of the electric infrastructure following the catastrophic effects of Hurricanes Irma and Maria. This deployment is the first phase, which will eventually include the addition of more electric restoration personnel from around the country.

Today in an informational conference call, JEA detailed the collaborative efforts as a part of the request for assistance and JEA's response.

Included in the conference call:

Governor Rick Scott, Mayor Lenny Curry, Alan Howard (JEA Board Chairman), Tom Petway (JEA Past Chairman), Paul McElroy (JEA CEO), Melissa Dykes (JEA CFO) and Eric Green (JaxPort CEO).

Last week JEA and the Puerto Rico Electric Power Authority (PREPA) began a plan for assistance in the reconstruction of the island's badly damaged power grid and electric transmission system. JEA has been working with Whitefish Energy, the lead contractor for electric restoration in Puerto Rico, along with Crowley Maritime, TOTE Maritime, JaxPort, and the U.S. Army Corps

of Engineers to deploy linemen and equipment, and to coordinate logistics to help facilitate operations once in Puerto Rico.

JEA CEO Paul McElroy explained on the call that as of now, the JEA employees will be in Puerto Rico 30 days and will rotate out. JEA has committed assets for up to 90 days.

Today, Crowley Maritime will be loading and transporting JEA vehicles from a central staging area provided by JAXPORT. JEA employees are flying to Puerto Rico from Jacksonville on Sunday to meet the ship on arrival.

McElroy said, "This is what our linemen do and they have been widely recognized for their abilities and dedication. They build and restore electric service in difficult situations. They will be working in extremely dangerous conditions doing extremely dangerous work. They are the electric industry's first responders, and Jacksonville is very proud of them."

B-roll can be downloaded at this link: <https://we.tl/N6F9En5I5m>

(b)(6) APR
JEA
(b)(6), Media Relations
(b)(6) Office
(b)(6) Media Line



cid:image001.jpg@01CF96DA.0C7588E0

JEA is a not-for-profit, community owned utility [FB-f-Logo blue 15](#) [twitter-bird-light-bgs24](#)
[youtube 20](#)

Florida has a very broad Public Records Law. Virtually all written communications to or from State and Local Officials and employees are public records available to the public and media upon request. Any email sent to or from JEA's system may be considered a public record and subject to disclosure under Florida's Public Records Laws. Any information deemed confidential and exempt from Florida's Public Records Laws should be clearly marked. Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact JEA by phone or in writing.

Sender:	FEMA-ESF15-Coordination </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1684F0A97D524A068FB7B08BF23014BE-FEMA-ESF15->
Recipient:	"Phalen, Susan </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=911842a8acdb452d870ff6776801fdb6-Phalen, Sus>"
Sent Date:	2017/10/05 15:09:11
Delivered Date:	2017/10/05 15:09:12

From:	Farmer, Robert </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6600EBC0469C478C886962078FB67EA3-FARMER, ROB>
To:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"
Subject:	RE: Call With General Jackson
Date:	2017/10/05 21:43:10
Priority:	Normal
Type:	Note

Thanks. I may sneak over to see Ben tomorrow

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

From: Penn, Damon

Sent: Thursday, October 5, 2017 9:42:08 PM

To: Farmer, Robert

Subject: RE: Call With General Jackson

Got my grass cut and finished my front porch repairs today. I hope you have the same luck with your pier tomorrow.

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: Farmer, Robert

Sent: Friday, October 6, 2017 2:28:48 AM

To: Penn, Damon

Subject: RE: Call With General Jackson

Do want me to have Josh set up the meeting or do you want to take it tomorrow?

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

From: Penn, Damon

Sent: Thursday, October 5, 2017 7:56:43 PM

To: Farmer, Robert; Gruber, Corey

Subject: RE: Call With General Jackson

Good Bob. I just had a text with Alex. I think we can get this worked out tomorrow. The call is a good idea. Thanks.

Damon

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: Farmer, Robert

Sent: Friday, October 6, 2017 12:51:57 AM

To: Gruber, Corey; Penn, Damon

Subject: Call With General Jackson

Corey/Damon,

I just got off the phone with MG Ed Jackson. He spoke with LTG Seminite (I probably misspelled the name) and the LTG is fine if we want to pay Whitefish Energy under CAT B. They are completely open to the solution. MG Jackson asked if I wanted him to call Tito to discussed. I recommended that we organize a conference call tomorrow with the two of you, perhaps Alex Amparo or Keith Turi, Tito Hernandez, Alex DeLaCampa, (b)(6) and MG Jackson. MG Jackson will be happy to join if we desire.

Y/R

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: (202) 646-3249

Cell: (202) 306-5972

Robert.Farmer2@fema.dhs.gov

Sender:	Farmer, Robert </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6600EBC0469C478C886962078FB67EA3-FARMER, ROB>
Recipient:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"
Sent Date:	2017/10/05 21:43:09
Delivered Date:	2017/10/05 21:43:10

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Withheld pursuant to exemption

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of the Freedom of Information and Privacy Act

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of the Freedom of Information and Privacy Act

Page 0143 of 2180

Withheld pursuant to exemption

Duplicate

of the Freedom of Information and Privacy Act

From:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
To:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Subject:	RE: Call With General Jackson
Date:	2017/10/05 21:40:52
Priority:	Normal
Type:	Note

I will take care of it tomorrow. I doubt we can get anyone to speak to the general s calendar tonight

Thanks though.

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: Farmer, Robert

Sent: Friday, October 6, 2017 2:28:48 AM

To: Penn, Damon

Subject: RE: Call With General Jackson

Do want me to have Josh set up the meeting or do you want to take it tomorrow?

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

From: Penn, Damon

Sent: Thursday, October 5, 2017 7:56:43 PM

To: Farmer, Robert; Gruber, Corey

Subject: RE: Call With General Jackson

Good Bob. I just had a text with Alex. I think we can get this worked out tomorrow. The call is a good idea. Thanks.

Damon

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

500 C Street SW

Washington, DC 20472

From: Farmer, Robert

Sent: Friday, October 6, 2017 12:51:57 AM

To: Gruber, Corey; Penn, Damon

Subject: Call With General Jackson

Corey/Damon,

I just got off the phone with MG Ed Jackson. He spoke with LTG Seminite (I probably misspelled the name) and the LTG is fine if we want to pay Whitefish Energy under CAT B. They are completely open to the solution. MG Jackson asked if I wanted him to call Tito to discussed. I recommended that we organize a conference call tomorrow with the two of you, perhaps Alex Amparo or Keith Turi, Tito Hernandez, Alex DeLaCampa, (b)(6) and MG Jackson. MG Jackson will be happy to join if

we desire.

V/R

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: (202) 646-3249

Cell: (202) 306-5972

Robert.Farmer2@fema.dhs.gov

Sender:	Penn, Damon </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=EFAD09F81ED94C6AA3265E028B469472-PENN, DAMON>
Recipient:	"Farmer, Robert </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6600ebc0469c478c886962078fb67ea3-Farmer, Rob>"
Sent Date:	2017/10/05 21:40:51
Delivered Date:	2017/10/05 21:40:52

From:	Farmer, Robert </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6600EBC0469C478C886962078FB67EA3-FARMER, ROB>
To:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"
Subject:	RE: Call With General Jackson
Date:	2017/10/05 21:42:19
Priority:	Normal
Type:	Note

Sure

Bob Farmer

Robert A. Farmer

Deputy Assistant Administrator

Response Directorate, FEMA

Desk: 202-646-3249

Cell: 202-306-5972

E-mail: Robert.farmer2@fema.dhs.gov

From: Penn, Damon

Sent: Thursday, October 5, 2017 9:40:51 PM

To: Farmer, Robert

Subject: RE: Call With General Jackson

I will take care of it tomorrow. I doubt we can get anyone to speak to the general s
calendar tonight

Thanks though.

Damon C. Penn

Assistant Administrator, Response

DHS-FEMA

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Washington, DC 20472

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DHS-FEMA

500 C Street SW

Washington, DC 20472

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Sent: Friday, October 6, 2017 12:51:57 AM

To: Gruber, Corey; Penn, Damon

Subject: Call With General Jackson

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Y/R

Bob Farmer

Robert A. Farmer

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Response Directorate, FEMA

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Robert.Farmer2@fema.dhs.gov

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Recipient:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=efad09f81ed94c6aa3265e028b469472-Penn, Damon"
Sent Date:	2017/10/05 21:42:19

From:	Turi, Keith </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3E158FB489714343B778DE0D141DEC9E-TURI, KEITH>
To:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=85f90691c78f48f5b131543d87480a8b-Wells, Tod"; "Eswood, Louis </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0f4360aab0a94de786670adc9a2316d9-Eswood, Lou>"; "Densford, Erin </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e1b386d6aa941c6a9bab1a9d161b9c5-Clark, Erin>"; "Logan, Christopher </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=09565f69d21f47c0b4f51fbb61493743-Logan, Chri>"
CC:	"Amparo, Alex </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8a9d887535104060ba62676138d80ce9-Amparo, Ale>"
Subject:	RE: Senate ENR/EPW Conference Call Emergency vs. Permanent Work & Contracting
Date:	2017/10/19 17:12:07
Priority:	Normal
Type:	Note

Thanks Tod.

From: Wells, Tod

Sent: Thursday, October 19, 2017 4:33:49 PM

To: Turi, Keith; Eswood, Louis; Densford, Erin; Logan, Christopher

Cc: Amparo, Alex

Subject: RE: Senate ENR/EPW Conference Call | Emergency vs. Permanent Work & Contracting

Keith – We have two expedited projects that have been obligated for PREPA – force account labor costs (OT), and diesel fuel. No contract labor costs have been obligated as of yet.

Tod Wells

Deputy Director, Public Assistance Division

Recovery Directorate

Federal Emergency Management Agency

U.S. Department of Homeland Security

(202) 646-3936

From: Turi, Keith

Sent: Thursday, October 19, 2017 3:33 PM

To: Eswood, Louis <Louis.Eswood@fema.dhs.gov>; Densford, Erin <Erin.Densford@fema.dhs.gov>; Wells, Tod <Tod.Wells@fema.dhs.gov>; Logan, Christopher <Christopher.Logan@fema.dhs.gov>

Cc: Amparo, Alex <Alex.Amparo@fema.dhs.gov>

Subject: FW: Senate ENR/EPW Conference Call | Emergency vs. Permanent Work & Contracting

See below. Corey and others in the NRCC have been having discussions about the below but Alex and I need to get up to speed.

Chris/Tod - Is this on your radar and do you have the details of how this relates to any approved PWs?

Erin/Louis – can you see what Response or EA has on this? Don't want to double task. (I also need to be up on this in detail before the trip on Saturday).

From: Krikava, Richard

Sent: Thursday, October 19, 2017 3:19 PM

To: Hodges-Baugh, Wendy (CTR) <wendy.hodges-baugh@associates.fema.dhs.gov>; Howlett, Christine <christine.howlett@fema.dhs.gov>; FEMA-ActionOffice-ORR-FrontOffice <FEMA-ActionOffice-ORR-FrontOffice@fema.dhs.gov>; Ingol, Lester <Lester.Ingol@fema.dhs.gov>; Eswood, Louis <Louis.Eswood@fema.dhs.gov>; Sharpe, Todd <Todd.Sharpe@fema.dhs.gov>; Hedden, Jason <Jason.Hedden@fema.dhs.gov>; Dickens-Gaddy, Matrice <Matrice.Dickens-Gaddy@fema.dhs.gov>; Waters, Deborah <deborah.waters@fema.dhs.gov>; Bailey, Tyuana <tyuana.bailey@fema.dhs.gov>; Demps, Darrien <Darrien.Demps@fema.dhs.gov>; Trytten, Dana <Dana.Trytten@fema.dhs.gov>; Nelson, Jason <Jason.Nelson2@fema.dhs.gov>; Nalepa, Jessica <jessica.nalepa@fema.dhs.gov>; Cavanaugh, Brian <brian.cavanaugh@fema.dhs.gov>; Evanitsky, Nicole <Nicole.Evanitsky@fema.dhs.gov>; Gruber, Corey <Corey.Gruber@fema.dhs.gov>

Cc: Smith, Timothy <Timothy.Smith5@fema.dhs.gov>; Amparo, Alex <Alex.Amparo@fema.dhs.gov>; Turi, Keith <Keith.Turi@fema.dhs.gov>; James, Lavar <lavar.james@fema.dhs.gov>; Logan, Christopher <Christopher.Logan@fema.dhs.gov>; Wells, Tod <Tod.Wells@fema.dhs.gov>

Subject: RE: Senate ENR/EPW Conference Call | Emergency vs. Permanent Work & Contracting

All:

Please find pasted below an article regarding the arrangements between PREPA and Whitefish. If the article is accurate, this may be less about contracting (although, there are still some questions in that space that will need answering), and more about PA eligibility and spending oversight. Highlights ... highlighted.

Puerto Rico Turns to Unproven Montana Company for Massive Power Restoration Job, But No One Knows Why

By Marcus Stern

23 hours ago

weather.com

Facing the destruction of almost its entire electrical grid after Hurricane Maria, Puerto Rico turned to a little-known Montana company to restore power rather than rely on a vast network of public power companies that usually comes to the rescue after disasters.

Overall, progress has been slow and uneven, stoking concerns about whether the unproven company is up to the task – and raising questions about the irregular way in which the territorial government awarded the contract. Ordinarily, the Federal Emergency Management Agency (FEMA) provides money and the U.S. Army Corps of Engineers oversees federally led recovery efforts after a disaster. Neither agency said it had a role in awarding or supervising the contract Puerto Rico awarded to restore its power lines.

Concerns eased Monday after FEMA and the Army Corps belatedly announced a \$240 million contract with Irving, Texas-based Fluor Corporation

to take the lead in restoring transmission and distribution lines. But head-scratching continues over the curious and opaque manner in which heavily indebted Puerto Rico eclipsed FEMA, the Army Corps and a national network of public utilities – brimming with line workers and bucket trucks – by turning over such an immense responsibility to a two-year-old private company with few resources of its own.

Typically, immediately after a disaster, the American Public Power Association – a public utilities trade group – emceeds a conference call with its membership – 1,100 public utilities across the country – to get all the needed line workers and bucket trucks to the stricken area as soon as possible under what are called mutual aid agreements. For instance, the public power association facilitated the rapid deployment of many thousands of workers and their equipment to Texas and Florida after hurricanes Harvey and Irma struck.

But the Puerto Rico Electrical Power Authority (PREPA) took a different route after Maria's 155

mph winds decimated the island's already-failing electrical grid on Sept. 20, leaving 3.4 million residents, hospitals and businesses without electricity – possibly for months.

When the power association convened its conference shortly after Maria struck, PREPA told participants

it wouldn't need the network's help because it had already contracted with Whitefish Energy Holdings LLC, a two-year-old consultancy, to spearhead the restoration efforts.

Whitefish, having to subcontract almost all of the work, had recruited and deployed 160 of the 1,000 workers needed to do the job – 16 percent – three weeks after Maria struck. By then, coincidentally, 16 percent of the power grid has been restored. Last week, the effort saw reversals when a large number of people whose power had been restored lost it again when a transmission line tripped.

"It's a bit unclear why PREPA chose to go down that route, especially considering the offer was made to them for this mutual aid from

the American Public Power Association that apparently wasn't taken advantage of," said Cathy Kunkel, an energy analyst with the Institute for Energy Economics and Financial Analysis, a non-profit that focuses on utility issues.

It might have been "reasonable" to try to act quickly given the devastation caused by Maria, she said. However, she urged a federally appointed board overseeing Puerto Rico's finances to obtain "a copy of that contract and do oversight on how that money was spent" to ensure that local ratepayers and U.S. taxpayers aren't getting "ripped off."

The slow progress and questions surrounding the contract led the public power association to confirm Monday that Puerto Rico bypassed its vast resources by awarding the contract to Whitefish.

"To date, PREPA has not requested aid from the Association; rather, it has engaged Whitefish to marshal the resources required to undertake power restoration," the power authority stated. "Communications with PREPA and Whitefish have been difficult due to the telecommunications issues on the island."

The contract was reportedly awarded through a phone call placed in the days immediately after Maria hit. A PREPA employee who happened to have a satellite phone and phone number for Whitefish made the call, according [a story published by E&E News](#), an independent news organization that focuses on energy and environmental issues.

The employee had the phone number for Whitefish because PREPA had issued a request for proposals several days earlier to handle far-less-extensive damage caused by Hurricane Irma. It had grazed Puerto Rico two weeks earlier. Whitefish was one of only two companies to respond to the request, and so its phone number was handy after the power grid went dark because of Maria. But the timing left PREPA almost no time to vet the company.

The E&E article was based on an interview with Ricardo Ramos, PREPA's CEO, who told the publication, "The day that the Corps of Engineers

showed up and offered the assistance, we immediately accepted because we knew that financially it was a better model. The benefit is that I don't have to spend the remaining dollars that are needed for recuperating the system."

The Army Corps denied any role whatsoever in the awarding or execution of the Whitefish contract.

Andrew Techmanski, who founded Whitefish in May 2015, [told](#)

[Bloomberg News](#) in Puerto Rico that while other power companies were "afraid of the question of how are we going to get paid, Whitefish Energy was the company that actually made the leap of faith and was able to get over here."

But PREPA spokesman Carlos Monroig Aceveda told [weather.com](#) that it had paid Whitefish "\$2 million for the costs of mobilizing personnel and equipment," adding that its contracts "are evaluated and awarded by the U.S. Corps of Engineers in coordination with FEMA, which disburses the money."

His statement that the Corps was supervising didn't square with what Catalina Carrasco of the U.S. Army Corps of Engineers told [weather.com](#). She said the Corps "does not have any involvement with the contract between PREPA and Whitefish, adding in an email that the Corps "does not know how PREPA negotiated the contract. USACE does not know how PREPA is paying Whitefish. The contract is between PREPA and Whitefish. Corps of Engineers, did not negotiate, does not have ANY involvement between PREPA and Whitefish." The emphasis was in the email.

William Douglass, a spokesperson for FEMA, said the agency's databases do not show any dealings with Whitefish, although he added that FEMA gives money to agencies like PREPA and those agencies sometimes give some money to a third party like Whitefish without FEMA necessarily knowing.

Both FEMA and the Army Corps of Engineers have distanced themselves from PREPA's contract with

Whitefish. But FEMA has given PREPA \$97 million to restore the power lines and PREPA could have used some of that money to pay Whitefish. FEMA announced Monday it was approving an additional \$128 million for PREPA.

PREPA itself is bankrupt, \$9 billion in debt and currently generating no revenue. Even before hurricanes Irma and Maria struck, the island was experiencing frequent blackouts because of its aging power infrastructure. PREPA has existed for decades on financial vapors, resulting in critical maintenance being deferred and significant deterioration of its power generation, transmission and distribution infrastructure.

Whitefish's Techmanski was working in Puerto Rico and couldn't be reached for comment, according to spokesman Brandon Smulyan, who was himself unable to answer basic questions about the company because he has only been working with Whitefish under a contract for the past week. For instance, he couldn't say how many employees Whitefish has. Public records list Andrew Techmanski as the president and Amanda Techmanski, whom public records identify as a registered nurse, as the manager. Andrew Techmanski has an extensive background in power-line work, according to his LinkedIn profile and other public records.

Smulyan said the young company is funded by two private equity firms – HBC Investments and Flat Creek Capital – both based in Dallas, Texas – and Brazil-based Comtrafo Transformers, which builds power transformers.

"To date," Smulyan wrote in an Oct. 11 email, "Whitefish has visited, assessed and created operational bases in Cayey, Arecibo, Salinas, Manati, and Ponce and San Juan. Whitefish has repaired structures, conductors and lines in Salinas and has built access roads to the southern portion of the Salinas 230kv line."

It also has contracted with JEA, a public utility serving the Jacksonville, Florida, area to send 41 line workers and service personnel to Puerto Rico. New York has sent a contingent of line workers, as well.

Separately, the Army Corps of Engineers has put in a purchase order for 50,000 utility poles and 6,500 miles of cable. It also awarded a \$35.1 million contract to West Chester, Pennsylvania-based Weston Solutions to install a 50 megawatt generator in Puerto Rico's Palo Seco Power Plant.

FEMA, the Army Corps of Engineers and the U.S. Department of Energy all have personnel on the ground coordinating power restoration efforts.

Puerto Rico's power infrastructure has been a concern for decades partly because it lies in the heart of a hurricane corridor. Previously, the territory's power grid was ripped up by Hurricane Georges in 1998.

After Georges, the Clinton administration gave \$133 million to PREPA to fix the power grid and begin putting lines underground. In 2000, the administration issued a glowing report saying the improvements had "empowered" Puerto Ricans to "withstand even the most unreliable weather."

When Hurricane José struck Puerto Rico in 1999, the report said, the improvements left people, including PREPA officials, "confident" the island would not lose power. And it didn't.

But 18 years later, Maria utterly destroyed the grid and it remains unclear when – and for how long – power will be restored.

Richard A. Krikava

FEMA, Congressional Affairs

Mobile: 202-445-8820

richard.krikava@fema.dhs.gov

www.status.pr/Home



-----Original Appointment-----

From: Krikava, Richard

Sent: Thursday, October 19, 2017 10:11 AM

To: Krikava, Richard; Hodges-Baugh, Wendy (CTR); Howlett, Christine; FEMA-ActionOffice-ORR-FrontOffice; Ingol, Lester; Eswood, Louis; Sharpe, Todd; Hedden, Jason; Dickens-Gaddy, Matrice; Waters, Deborah; Bailey, Tyuana; Demps, Darrien; Trytten, Dana; Nelson, Jason (Jason.Nelson2@fema.dhs.gov); Jessica Nalepa (jessica.nalepa@fema.dhs.gov); Cavanaugh, Brian; Evanitsky, Nicole; Gruber, Corey

Cc: Smith, Timothy; Amparo, Alex; Turi, Keith; James, Lavar; Logan, Christopher; Wells, Tod

Subject: Senate ENR/EPW Conference Call | Emergency vs. Permanent Work & Contracting

When: Friday, October 20, 2017 9:30 AM-10:00 AM (UTC-05:00) Eastern Time (US & Canada).

Where: (b)(6); Pin: (b)(6) #

Team:

Thank you for your willingness to support this conference call request. The purpose of this call is to answer questions about the types of work that is authorized under Cats. A & B and Cats. C-G in the Public Assistance program, in addition to a conversation about FEMA's responsibilities to ensure contractors and subcontractors performing work paid for by FEMA dollars are qualified/eligible to perform the work.

Expected Committee Staff Participants:

- • Spencer Gray – Senate Energy & Natural Resources Committee
- • David Gillers - Senate Energy & Natural Resources Committee
- • Rich Glick - Senate Energy & Natural Resources Committee
- • Laura Haynes Gillam – Senate Environment and Public Works Committee
- • Abby Shenkle - Senate Environment and Public Works Committee
- • Ada Waelder - Senate Environment and Public Works Committee
- • Kusai Merchant - Senate Environment and Public Works Committee
- • Drenan Dudley – Senate Appropriations Committee (she's on because few of the Sen. Carper staff on EPW know anything about FEMA, but they all know Drenan, and Drenan has an understanding of FEMA. So, she's participating to support EPW staff).

FEMA Briefers/Participants:

- • Cory Gruber – ORR
- • Lester Ingol – MSB
- • Richard Krikava – CAD

Notes:

- • The Senate Committee on Energy and Natural Resources has jurisdiction over insular areas, to include Puerto Rico.
- • With respect to the ORR piece, interests revolve around:
 - • Their concern that FEMA might spend a lot of money under emergency work authorities to get the grid up and running, but only to a less-than-strengthened standard. Whereas, if FEMA used permanent work authorities (and the mitigation potential that can come with permanent work), FEMA can rebuild the grid to a strengthened state.
 - • **Recommendation:** We should be prepared to provide a high level overview of the difference between emergency work and permanent work. The purpose of each, where one stops and the other starts, and how this impacts our decision making in Puerto Rico with respect to the electrical grid.

- With respect to the MSB/contracting piece, interest revolve around:
 - Their concern is that Whitefish is not up to the task of their contract. While speaking with the committee staff on the phone, they implied that Whitefish may have a “shady” past (Note: **AS I TYPED THOSE WORDS JUST NOW**, the Senate Homeland Security Committee called me about exactly this concern).
 - **Recommendation:** We should be prepared to discuss FEMA’s contracting process and oversight responsibilities in general. Then, we should be prepared to articulate our relationship with the Whitefish contract – direct or indirect relationship.

Final note: do to scheduling constraints, we have notified that we only have 30 mins to do this call (Mr. Gruber has a tight schedule). As such, on the call, I will suggest we address Mr. Gruber’s topics first, then Contracting second.

If anyone would like to speak with me about this call, please call me at 202-445-8820.

Thanks, again, for your support of this request.

Sender:	Turi, Keith </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3E158FB489714343B778DE0D141DEC9E-TURI, KEITH>
Recipient:	"/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=85f90691c78f48f5b131543d87480a8b-Wells, Tod";

	"Eswood, Louis </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0f4360aab0a94de786670adc9a2316d9-Eswood, Lou>"; "Densford, Erin </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e1b386d6aa941c6a9bab1a9d161b9c5-Clark, Erin>"; "Logan, Christopher </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=09565f69d21f47c0b4f51fbb61493743-Logan, Chri>"; "Amparo, Alex </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=8a9d887535104060ba62676138d80ce9-Amparo, Ale> "
Sent Date:	2017/10/19 17:12:05
Delivered Date:	2017/10/19 17:12:07

Page 0166 of 2180

Withheld pursuant to exemption

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of the Freedom of Information and Privacy Act

Page 0167 of 2180

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Page 0180 of 2180

Withheld pursuant to exemption

Duplicate

of the Freedom of Information and Privacy Act

From:	NOC.SWO@HQ.DHS.GOV
CC:	"NOC.SWO@HQ.DHS.GOV"
Subject:	(U//FOUO)-FEMA Senior Leadership Briefing for MARIA, IRMA and HARVEY Recovery - 1700 ET 2 Oct 17 (Phase 1 NOC 0664-17)
Date:	2017/10/02 19:41:55
Priority:	Normal
Type:	Note

~~UNCLASSIFIED/FOR OFFICIAL USE ONLY~~

Senior Leadership Briefing and Recovery Snapshots Tropical Storm Maria and Post-Tropical Cyclones Irma and Harvey

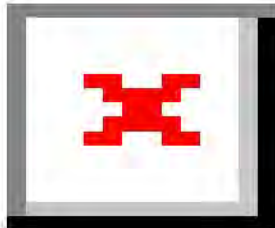
**Monday, October 2,
2017
(5:00 p.m.
EDT)
Updates
in Blue**

Current Situation:

Drier air pushes into the region through the middle of the week. The United States Virgin Islands will be dry. Isolated afternoon showers and thunderstorms are possible across western and northern Puerto Rico. These storms could bring brief, heavy rain but will be very isolated in coverage. A flash flood warning remains in effect for northeast Isabela and central Quebradillas in Puerto Rico because of structural

issues for Guajataca Dam. Tropical moisture will increase again toward the end of the week; increasing the threat of more widespread, heavy rainfall local mudslides and debris

flows. Afternoon heat indices will reach into the mid to upper 90s.
(NOAA Update, October 2, 2017, 5:00 p.m. EDT)



Impact Summary:

Population Impacts

Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
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PR	16 confirmed fatalities	Shelters: 145 Pop: 10,177	5.4% (+0.4%) of customers have electricity Estimate 20% of transmission towers need to be replaced San Juan financial district on grid	One hospital fully operational, 64 of 65 mainland hospitals assessed, two closed, one pending assessment 14 (20%) hospitals back on electrical grid with intermittent generator support VA hospitals: Eight open, one closed	Curfew in effect from 9:00 p.m. to 5:00 a.m.	53 (-5) of 68 Federal Government buildings closed 65% of grocery and big box stores open
USVI	Five confirmed fatalities	USVI Shelters: Seven Pop: 555 St. Thomas: Shelters: Two Pop: 247 St. John: Shelters: Two Pop: 24 St. Croix: Shelters: Three Pop: 284	Percentage of customers that have electricity: St. Thomas: (15%) St. John: (0%) St. Croix: (10%)	Schneider Regional Medical Center on St. Thomas and Governor Juan Luis on St. Croix condemned; established mobile medical facility in St. Thomas; St. Croix waiting for mobile medical facility to be established, 33 HHS Health and Medical Task Force personnel providing interim support VA hospitals: Both opened October 2	Curfew in place from 6:00 p.m. to 6:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 6:00 p.m. to 10:00 a.m.	Planning for public schools to reopen October 9 15 of 19 Federal Government buildings closed

<i>As of:</i>	<i>October 1</i>	<i>October 2</i>	<i>October 2</i>	<i>October 2</i>	<i>October 1</i>	<i>October 2</i>
	<i>8:00 p.m. EDT</i>	<i>4:05 a.m. EDT</i>	<i>12:00 p.m. EDT</i>	<i>12:41 p.m. EDT</i>	<i>10:00 p.m. EDT</i>	<i>1:20 p.m. EDT</i>

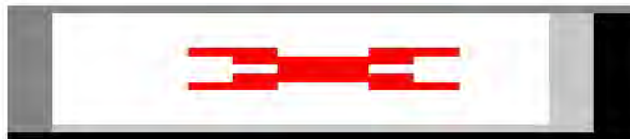
(*ESF-5, ESF-6, ESF-7, ESF-8, ESF-12, ESF-15, PREMA, VA OHA*)

Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
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PR	10 of 10 airports open	<p>Four ports open: San Juan, Guayanilla, Salinas, Tallaboa</p> <p>Nine (+1) ports open with restrictions: Mayaguez, Arecibo, Fajardo, Vieques, Culebra, Guayama, Ponce, Yabucoa, and Roosevelt Roads</p>	17 (+2) roads open		<p>Boil Water Advisory</p> <p>issued island-wide</p>	<p>Of 52 waste water treatment plants, nine operational, 19 non-operational, 24 unknown</p> <p>11.3% of island with cell service; service around SJU airport restored</p>
	San Juan Airport open for commercial flights	<p>One port closed: Guanica (low priority)</p>	<p>3,209 public road incidents reported (landslides, waterway issues, blockages, bridges, etc.)</p>	<p>714 of 1,100 retail gas stations operational</p>	<p>230K people rely on Guajataca Dam for water</p>	<p>Public Safety Answer Points (PSAPs)/911 centers operational</p>
	St. Thomas open and receiving commercial	<p>St. Thomas Open: Charlotte Amalie, East</p> <p>Gregerie Channel, West Gregerie Channel (Crown Bay)</p> <p>Open with restrictions: Red Hook Bay</p>	<p>Numerous routes partially closed on St. Thomas and St. John.</p>	<p>St. Croix and St. Thomas reports adequate fuel supply on island</p>	<p>Boil Water Advisory territory- wide</p> <p>Total of 101 public and private</p>	<p>29.2% cell phone coverage in USVI; PSAPs non-operational</p> <p>St. Thomas: 40%</p>

USVI	aircraft; must contact tower 20 minutes out	St. John Open with restrictions: Cruz Bay	St. Croix: Most highways open with caution	for power generation and response efforts, including gasoline, diesel, and propane	water systems sampled to date on St. Croix; 12 initially tested positive for E.coli and all 12 later re-tested with negative E.coli results after being disinfected	(+2) of 55 cell towers operational
	St. Croix open under special conditions (military flights and air carriers with less than 35 passengers)	St. Croix Open: Frederiksted Open with restrictions: Krause Lagoon, Limetree Bay, Christiansted	All traffic signals on St Thomas and St Croix completely destroyed			St. John: No cell towers operational St. Croix: 26.2% (-2.4) of 42 cell towers operational
As of:	October 2 1:19 a.m. EDT	October 2 4:53 p.m. EDT	October 2 5:23 p.m. EDT	October 1 12:00 p.m. EDT	October 2 1:48 p.m. EDT	October 2 2:50 p.m. EDT



Territory Declaration Declared Counties Individual Assistance Public

Assistance Cost Share PR9/20: DR-433978 (+24) municipalities All (Categories A-B) 100% for debris removal and emergency protective measures for 180 days from declaration date 9/10: DR-433612 municipalities 31 municipalities 75% USVI 9/7: DR-4335 St. Croix, St. John, St. Thomas All (Categories A-G) 100% for debris removal and emergency protective measures for 180 days from declaration date 9/20: DR-4340 St. Croix, St. John, St. Thomas All 75% Declaration Activity:

(ESF-1, ESF-2, ESF-6, ESF-10, ESF-12, PRASA, USCG)

(FEMA Declarations Unit, October 2, 2017, 12:37 p.m. EDT)

Force Laydown:

Department/Agency	Puerto Rico	U.S. Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF-6)	445	267	*	*	712
Army Corps of Engineers (ESF-3)	122	97	3	65	287
Civil Air Patrol (ESF-5)*	30	*	*	*	30

Customs and Border Protection (ESFs 5, 9 &13)	206	5	0	5	216
Department of Agriculture (ESF-11)	1	0	0	0	1
Department of Defense Title 10*	3,330	*	*	*	3,330
Department of Energy (ESF-12)	2	23	0	28	53
Department of the Interior	251	21	45	0	317
Department of Transportation (ESF-1)	4	2	0	28	34
DHS – NPPD / Federal Protective Service	33	3	0	2	38
Environmental Protection Agency (ESF-10)*	21	27	0	0	48
Federal Law Enforcement (ESF-13)	346	5	0	0	351
FEMA Deployed	724	264	6	53	1,047
Urban Search & Rescue (ESF-9)	80	0	0	0	80
Forest Service (ESF-4)	217	20	0	27	264
General Services Administration (ESF-7)	17	0	0	0	17

Health and Human Services (ESF-8)	475	33	14	11	533
Veterans Affairs (ESF-8)	164	0	0	0	164
National Guard Bureau*	4,290	2,475	*	*	6,765
National Weather Service - NOAA	30	0	0	0	30
Small Business Administration (ESF-6)	11	2	0	2	15
Transportation Security Administration (ESF-1)	109	5	0	5	119
United States Coast Guard (ESFs 1, 5, 7, 9, 10, 13 & 15)*	1,430	*	*	*	1,430
TOTALS	12,338	3,249	68	226	15,881

**FEMA
Headquarters:**

** DOD personnel numbers include 2,188 personnel supporting from sea; DOD and NGB numbers not broken out by island*

**Civil Air Patrol flights support all USVI (Situational Awareness Info Analysis, October 2, 2017, 3:00 p.m. EDT)*

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations

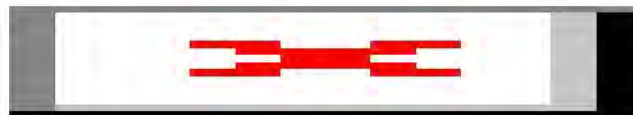
- National Incident Management Assistance Team (IMAT) East-2 at San Juan Convention Center Joint Field Office (JFO)

- **Recovery**

- Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 6,260 (+454) call center agents available to receive calls
(Recovery Contact Center Surge Staffing Timeline, October 2, 2017, 11:19 a.m. EDT)

- Total Individuals and Households Program Registrations for PR: 91,746 (+19,674) and USVI: 5,012 (+409)
(Open Disaster IA Summary, October 2, 2017, 11:02 a.m. EDT)

-



**Mutual
Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	62 (+4)	18 (+1)
II	USVI	30 (0)	13 (0)

(EMAC Sit Rep #79, October 2, 2017, 6:00 p.m. EDT)

FEMA Region

II:

- Region II RRCC not activated; some RRCC staff supporting NRCC operations

- FEMA Region II IMAT in St. Croix; eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR
(FOD Update, October 2, 2017, 1:50 p.m. EDT)

- **Puerto Rico:**

- Emergency Operations Center (EOC) at Full Activation with limited operations and on generator power

- PR JFO open at San Juan Convention Center

- Federal Coordinating Officer (FCO) is Alejandro De La Campa

- **U.S. Virgin Islands:**

- EOCs on each island at Full Activation
(RII DSAR, September 27, 2017, 3:00 p.m. EDT)

- Lease signed October 1 for USVI JFO location at University of the Virgin Islands in St. Thomas, anticipate partial opening by October 3
(GSA Update, October 1, 2017, 3:21 p.m. EDT)

- FCO is William Vogel
(RII DSAR, September 27, 2017, 3:00 p.m. EDT)

Interagency Coordination for Puerto Rico:

- ESF-1: Transportation

- Airports:

- Luis Muñoz Marín International Airport (SJU) in San Juan:

- Flights: 141 departures and 147 arrivals October 1
(ESF 1 Update, October 2, 2017, 12:27 p.m. EDT)

- Passenger throughput continues to increase; 6,000 outbound passengers processed October 1 *(ESF-1 Update, October 2, 2017, 4:00 p.m. EDT)*

- Roads:
PR has 5,073 miles of roads: 388 miles (8%) open, 1,342 (26%) partially open, and 3343 (66%) unknown; unknown due to municipalities not reporting due to communications issues; working with

other agencies to observe unknown areas

- PR-52 in Ponce: Lanes closed due to bridge damage (km 93.9 in Juana Diaz) from kilometer 88.4 to 95; will build crossover to carry out temporary diversion around damaged bridge; PR Department of Transportation (DTOP) encouraging drivers to US-1 as detour

- PR-3: DOD clearing from the west, DTOP contractors clearing from the east; work almost complete; will focus on PR-53 next

- PR-2 in Aguado area: Landslide risk, one lane open

- Forest Service completed three missions; PR National Guard (PRNG) completed one mission; PR-SAW teams cleared one mile of line along overflow flume for Lake Guajataca
(ESF 1 Update, October 2, 2017, 12:27 p.m. EDT)

- United States Army Corps of Engineers (USACE) and fire departments clearing routes to Route 119, which leads to Guajataca Dam
(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)

- Ports:

- 13 of 14 deep-water ports fully open or open with restrictions; Guanica remains low priority port due to limited utility for response operations and low impact on commerce
(USCG Update, October 2, 2017, 10:43 a.m. EDT)

- Based on United States Coast Guard (USCG) and National Oceanic and Atmospheric

Administration (NOAA) survey results of Roosevelt Roads and Bahia de Puerca port areas:

- USCG set operating draft of 33 ft. or less and Daylight Operations only for Roosevelt Roads based on bottom survey and lack of electricity

- Graving Dock area in the Bay of Puerca was not recommended for consideration for use due to an extensive debris field
(USCG Update, October 2, 2017, 10:43 a.m. EDT)

- Critical aids to navigation assessment for PR/USVI is at 100%, 86% operational; remaining aids (14%) on station, but note discrepancies;
anticipate correction by October 8
(USCG Update, October 2, 2017, 9:00 a.m. EDT)

- Transit: Eight Autoridad Metropolitana de Autobuses (AMA) routes open from 7:00 a.m. to 5:00 p.m., with 40 buses in service
(ESF 1 Update, October 2, 2017, 12:27 p.m. EDT)

- ***ESF-2:
Communications***

- Mobile Emergency Response Support (MERS) teams installed amateur radio antennas at convention center to support American Radio Relay League (ARRL) operators

- Restored communications tower near Roosevelt Roads

- Deployed Radio Frequency (RF) technicians to restore communications towers across PR

- Initial Response Vehicle (IRV) en route to Ponce to provide communications support for interagency

missions (*ESF-2 Update, October 2, 2017, 1:59 p.m. EDT*)

- ***ESF-3: Public Works and Engineering***

- Dams:

- Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage

- Loading 900 super sandbags with gravel; additional 900 expected evening of October 2

- United States Marine Corps (USMC) rotary wing assets began placing concrete barriers and super sandbag reinforcement along compromised portions of spillway channel October 2

- USGS and USACE coordinating upstream/downstream gage placement and remote video monitoring of Guajataca Dam

- **Thirteen of 17 priority dam inspections complete**

(ESF-3 Update, October 2, 2017, 11:06 a.m.

EDT)

- Temporary Power:

- Completed 80 of 135 requested generator pre-installation inspections; 17 installations completed; 15 in progress at priority medical facilities and Roosevelt Roads Naval Base; 79 generators available on island to be installed

- Priority locations for temporary power restoration: Mayaguez la Concepcion Medical Center, Bayamon Public Hospital, and Hospital HIMA San Pablo Fajardo

- Generator installs completed at a [911 Call Center](#), [Water/Wastewater treatment Plant](#), PR Electric Authority Data Center, Centro Cardiovascular de PR y del Caribe, and Departamento Recreacion y Deportes *(ESF-3 Update, October 2, 2017, 10:07 a.m. EDT)*

- [United States Coast Guard \(USCG\) Cutter Venturous](#) assessed 16 generators at local emergency management center and child refuge center in Vieques and repaired two; repaired fuel truck which allowed Vieques to deliver fuel on island *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*

-

Debris:

- USACE met with USCG to discuss potential mission assignment to dispose of 150 vessels

- Working on plan to remove vessel close to infringing on Federal navigation channel at Ponce Harbor

(ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)

- Temporary Roofing:

- Current estimates: 60K roofs damaged

- Collected 1,050 Right of Entry (ROE) Agreements; assessments ongoing, will provide current count of homes assessed at 8:00 p.m. EDT

- Will begin roofing after arrival of 1,900 rolls of sheeting October 3 and 10K rolls of sheeting October 5 (25K total requested); priority is critical public facilities

- Tarp on order and will arrive throughout October
(ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)

- ***ESF-4:
Firefighting***

- One Type-2 IMT (85 personnel) coordinating resources and assessing firefighting capabilities in support of PR Fire department; assessed 76 of 95 fire stations; PR Fire Department experiencing severe communications problems and electrical grid extensively damaged; almost entire fire department infrastructure without power; many backup generators damaged; ordered necessary supplies and equipment but estimated arrival date unknown *(ESF-4 Update, October 2, 2017, 11:48 a.m. EDT)*

- ***ESF-5: Information and Planning***

- Civil Air Patrol (CAP) operating four aircraft from Isla Grande airport near San Juan with focus on imagery reconnaissance; operations curtailed due to civilian aircraft crash which closed runway; three sorties airborne at the time expected to complete missions *(CAP Update, October 2, 2017, 1:58 p.m. EDT)*

- USACE and PRNG conducting an aerial route reconnaissance of approximately 60 km of roads October 2

(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)

- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***

- 619 (+71) registrations on the American Red Cross (ARC) Safe and Well reunification website

- Feeding:

-

Salvation Army increased number of fixed feeding sites to 12 (+5); continuing mobile feeding with nine canteens; current capacity approximately 10,000 meals per day

▪

American Red Cross distributed 5,171 bulk items such as meals, water, and clean up-supplies on October 2; served 12,150 meals October 1

(ESF-6 Update, October 2, 2017, 2:19 p.m.

EDT)

•

ESF-7: Logistics Management and Resource Support

○

Incident Support Bases (ISBs):

▪

Roosevelt Roads Airport and Rafael Hernandez Airport in Aguadilla open for air operations; Ponce Air/Sea port open for operations with sea port restrictions; Aguadilla contract signed October 1;

ESF-4 Type-1 IMT (49 personnel) supporting commodity distribution at Rafael Hernandez Airport ISB and

identifying logistical needs to support DOD

(ESF-4 Update, October 2, 2017, 11:35 a.m.

EDT)

▪

Preparing to open Ponce Air/Sea Port and Marine Corps support facility at Blount Island

(ESF-7 Update,

October 2, 2017, 3:10 a.m.

EDT)

○

In addition to 10 Regional Staging Areas (RSAs) for commodities distribution, PR plans to add 25-30 distribution points within next two days using local armories and guardsmen

(NGB Update, October 2, 2017, 1:04 p.m. EDT)

○

Commodities: Transitioning to next phase of water and meal support, with greater emphasis on contracts and Defense Logistics Agency (DLA) support

■

First contract barge water deliveries will arrive in San Juan on October

6

■

DLA-provided MREs and contract meals are being loaded on barges in Jacksonville and will be incorporated into air bridge flights later this week

■

1,900 rolls of plastic to support blue roof mission expected to arrive October 3; 10,000 rolls expected to arrive October 5

(ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)

■

Flights into Puerto Rico October

2:

●

Fifteen flights transporting 136K liters of water, 230K meals, personnel, 12 black hawk helicopters, 900 sandbags, and Veterans Affairs Mobile Medical unit

(MCC Tracking Schedule, October 2, 2017, 3:11 a.m. EDT)

●

USCG transported Mobile Medical Unit and 6K gallon fuel truck to San Juan October 1;

meals, water, 45 passengers, and fuel pumping supplies will be delivered to San Juan and Borinquen

October 2

(USCG Update, October 2, 2017, 12:59 p.m.

EDT)

•

C-17 arrived in Aguadilla with four H-60 helicopters to enhance air distribution of commodities across PR; two C-17 also delivered food and water as part of daily commodities delivery

(DoD Update,

October 2, 2017, 1:58 p.m.

EDT)

▪

Ships into Puerto

Rico:

•

USCG Cutter (USCGC) Decisive moored at Miami Beach to onload 4K pounds of construction materials, 50 generators, and other humanitarian supplies for delivery to PR

(USCG Update, October 2, 2017,

12:59 p.m.

EDT)

•

El Rey transporting 756K liters of water, 694K meals, and four generators; expected to arrive and unload October 2

(ESF-7 Update, October 1, 2017, 7:16 p.m.

EDT)

○

Responder

Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	1,000	916	84
TS Kennedy	Operational	PR: San Juan	Arrived	600	600	0
TS Empire State	Operational	PR: San Juan	Arrived	650		

La Suprema	En route	PR	10/5	2,200		
Adriana	En route	PR	10/6 - 10/9	302		
Rhapsody	En route	PR	10/10 - 10/12	2,044		
JMC 3330	Secured	PR	10/19	430		
			PR TOTAL:	7,226	1,516	84

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- **USCG inspecting Rhapsody October 2 before it accepts responders for berthing**
(USCG Update, October 2, 2017, 1:00 p.m. EDT)

- **ESF-8: Public Health and Medical Services**

- Hospitals:

- Power restored to fourteen (20%) hospitals (back on electrical grid); **50 hospitals functioning on generator power** *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*

- PR National Guard provided fuel for generators at Department of Health Laboratory and two hospitals

(NGB Update, October 2, 2017, 1:04 p.m. EDT)

- More than 50 hospitals using Hertz-Armstrong-Marconi (HAM) radio operators for communications

(ESF-2 Update, October 2, 2017, 1:59 p.m. EDT)

- Dialysis Centers:

- 46 of 48 open: 44 fully operational, two partially operational, two closed

- FEMA secured private contractor to provide fuel and water exclusively to functional dialysis clinics

(ESF-8 Update, October 1, 2017, 7:00 a.m. EDT)

- Medical vessel USNS Comfort expected to arrive October 4 with 800 medical personnel and support staff; medical care capabilities include general practice, family medicine, nephrology, and pediatrics; ship is capable of serving 200 patients per day

- Four boxes of platelets and one box of red blood cells expected to arrive in San Juan October 2

(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)

- ***ESF-9: Search and Rescue***

- Two FEMA Urban Search and Rescue (US&R) task forces performed targeted searches/wellness checks; supported Secret Service/Immigration and Customs Enforcement mission to gain access to radio tower for repair and refueling; improved radio interoperability in PR
(ESF-9 Update, October 2, 2017, 2:01 p.m. EDT)

- USCGCs Dixon and Tezanos at Vieques and Ponce respectively to support search and rescue coverage and interagency support
(USCG Update, October 2, 2017, 12:59 p.m. EDT)

- **ESF-10: Oil and Hazardous Material Response**

- **Environmental Protection Agency:**

- Eight EPA and PR Department of Health (DPNR) teams assessing community water systems not serviced by Puerto Rico Aqueduct and Sewer Authority (PRASA) October 2 in Caguas; 4% of PR population do not receive service from PRASA

- Conducted superfund site surveys and surveillance of Upjohn Facility, Vega Alta Public Supply Well, and Juncos Landfill September 30, awaiting results *(ESF-10 Update, October 2, 1:48 a.m. EDT)*

- **Port Assessments:**

- USCG working with USACE and Navy Supervisor of Salvage and Diving (SUPSALV) to survey two vessels located in turning basin in vicinity of Port of Ponce; USCG, USACE, and SUPSALV

assessing potential salvage and impacts to ports and vessel impacts

- Overflight for a larger sunken vessel off Vieques failed to locate the vessel or any signs of pollution

(USCG Update, October 2, 2017, 10:53 a.m. EDT)

- ***ESF-11: Agriculture and Natural Resources***

- Humane Society of the United States (HSUS) evacuated 330 (+71) animals to date; additional animal evacuations planned throughout week

- Eight-person assessment team from HSUS and EMAC team from NC arrived October 1 to assess pet/animal facilities *(ESF-11 Update, October 2, 2017, 2:00 p.m. EDT)*

- Thirteen of 84 Food Safety Inspection Service regulated facilities open but not operational due to power outage and lack of potable water *(ESF-11 Update, October 1, 2017, 1:50 p.m. EDT)*

- ***ESF-12: Energy***

-

Puerto Rico Electric Power Authority (PREPA) expects 15% of customers will have power restored within next two weeks

- PREPA contracted Whitefish Energy to work on transmission and distribution systems; Whitefish Energy has team in PR and preparing contingent of crews to include those providing mutual aid; staging resources in FL and TX to expedite shipments of restoration materials

- First Whitefish Energy project will be re-energizing line to Dos Bocas Hydro Plant for potable water

- Generator powering pump for Pipeline of Puerto Rico jet fuel line requires repairs, replacement not an option as generator is unique; Pipeline of Puerto Rico contacted generator repair contractor October 1

- Tanker CT Cork arrived October 2; maximum capacity 2.9 million gallons fuel

- Defense Logistics Agency: 100 fuel trucks arrived PR October 2; 125 drivers expected to arrive late October 2

- Total Brand gas stations, accounting for approximately 30% of PR open gas stations, reporting stations running out of fuel about five hours after delivery due to high demand; Total Brand will bring four truck drivers from Dominican Republic October 2 to alleviate distribution challenges

- Total Brand expects diesel fuel demand to increase from 5% to 25% of total distribution due to demand for powering generators; increased truck fleet from 13 to 24 to meet demand

(DOE SitRep #70, October 2, 2017, 1:00

p.m. EDT)

○

San Juan financial district back on electrical grid

(DOE Update, October 2, 2017, 12:38 p.m. EDT)

●

ESF-13: Public Safety and Security

○

Four additional Quick Response Teams (25 personnel each) arriving October

4

○

Teams continue to support: US&R, Disaster Medical Assistance Teams, and PR Police Department

(ESF-13 Update, October 2, 2017, 1:28 p.m.

EDT)

○

Installed generators at Golden Grove Prison October 1

(ESF-3 Update, October 2, 2017, 10:07 a.m.

EDT)

○

Federal Protective Service conducting advance site security assessments in preparation of POTUS visit

(FPS Update, October 2, 2017, 2:25 p.m.

EDT)

- ***ESF-15: External Affairs***

- Private Sector Snapshot:

- Sherwin Williams, Inc.: One store open, four others to open October 4, remaining stores require security and power to reopen

- Home Depot: Six of nine stores open on generator power

- Chili's restaurants: Eight of 22 open on generator power
(ESF-15 Update, October 2, 2017, 1:50 p.m. EDT)

- ***U.S. Department of Defense (DOD)***

- USS Kearsarge, and USS Oak Hill providing rotary wing support to FEMA mission sets as required; Marines and Sailors integrated with FEMA Task Forces and providing manpower, analysis, route clearance, and commodity distribution support

- USS Wasp will arrive October 3 with 13 rotary wing aircraft (nine MH-60s and four CH-53s)

- Strategic airlift in support of FEMA's response operations: Four C-17s (one with four UH-60s) arrived October 2

- Defense Logistics Agency: Mission Assignment approved for five water trucks to PR, pending award
(DOD Update, October 2, 2017, 1:58 p.m. EDT)

- ***National Guard Bureau
(NGB)***

- State-to-state EMAC forces continue to arrive, increasing National Guard footprint in PR to 3,400; 340 additional NG Military Police and Engineer personnel scheduled to arrive October 3 *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*

- ***Customs and Border
Protection***

- Completed 122 air missions for PR and USVI, including logistics (66); imagery, video, and communication (5); personnel relocation (39); and equipment transfer (12)
(CBP Update, October 2, 2017, 11:24 a.m. EDT)

- ***U.S. Department of the Interior
(DOI)***

- USGS Landslide Hazards Program will examine available imagery to identify landslide extent in drainage basins above Guajataca

Dam

- USGS real-time hydrological information for the dam available online; real-time readings show Lake Guajataca water levels have remained relatively consistent near the dam

(DOI Update, October 2, 2017, 2:08 p.m. EDT)

- U.S. Postal Service
(USPS)

- Providing mail for pickup or delivery to post office boxes at 101 of 128 post offices, including Vieques and Culebra; alternate locations available to citizens where offices

not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Interagency Coordination for U.S. Virgin Islands:

- ESF-1: Transportation

- Roads: All highways on St. Croix open with at least one lane of traffic; commercial vehicle movement remains limited due to clearance issues with leaning trees and power lines;

- Route 66: Only four-lane divided highway on the island running east to west is fully open all lanes

- Route 70: Main local east to west highway on island is open with a handful of areas where debris restricts to one travel lane *(ESF 1 Update, October 2, 2017, 12:27 p.m. EDT)*

- Debris : 90% of USVI roadways are cleared of debris *(ESF-3 Update, October 2, 2017, 10:56 a.m.)*

EDT)

■
Mahogany Road impassible; still need to assess Mahogany Road and Bridges

(ESF-1 Update, October 1, 2017, 2:21

p.m. EDT)

○

Ports: All nine deep-water ports fully

open or open with restrictions *(USCG Update, October 2, 2017, 4:53 p.m. EDT)*

●

ESF-2:

Communications

○

Set up 18 WIFI hotspots throughout

USVI

○

St. John: MERS issued 14 very high frequency (VHF) radios to support first responder networks and provided a High Frequency (HF) antenna to New York State

Police

○

St Thomas: Team replaced very small aperture terminal (VSAT) system supporting EOC due to inclement weather; MERS mechanics maintaining vehicles, generators, and shelter support equipment on regular basis

○

St. Croix: Assisted with registration of PIV cards for FEMA EOC members; assisted Governor's staff with installation of VSAT system being used to support live feed video conferences;

collaborated

with

communications service providers to determine issues causing satellite communications irregularities

(ESF-2 Update, October 2, 2017, 10:23 a.m. EDT)



ESF-3: Public Works and Engineering



Completed assessments of 115 critical facilities identified by VITEMA as of October 1

(ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)

EDT)



Temporary Power:



Completed 121 of 153 requested pre-installation inspections; 18 generators installed to date; 35 generators available on island to be installed



Debris:



St. Thomas: USACE estimates debris volume at 355K cubic yards; debris removal operations to begin October

2



St. Croix: USACE estimates debris volume at 750K cubic yards; Department of Public Works and sub- contractors have collected 1,500 cubic yards debris to date



St. John: USACE estimates debris volume at 33K cubic yards; debris removal operations to begin October 8

- Assisted in integration of Joint Forces Land Component Command into the Debris Task Force and overall GIS effort

- Debris Subject Matter Experts coordinating with the USVI Department of Planning and Natural Resources (DPNR) for approval of temporary debris disposal sites
(ESF-3 Update, October 2, 2017, 10:13 a.m. EDT)

- Temporary Roofing

- Current blue roof estimates: St. Croix: 5K, St. Thomas: 7K, and St. John: 1K

- Collected 941 Right of Entry Agreements; assessed 130 homes, installed 43 roofs *(ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)*

- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***

- Ninety-five (+1) registrations on the American Red Cross (ARC) website

- Feeding:

- Salvation Army working to distribute 21,600 food boxes provided by FEMA throughout St. Thomas, St. Croix, and St. John

- ARC distributed 97 bulk items and served 2,045 meals and 221 snacks October 2
(ESF-6 Update, October 2, 2017, 2:19 p.m. EDT)

- ***ESF-7: Logistics Management and Resource Support***

- Preparing to open ISBs in St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal); staging materials for lots
(ESF-7 Update, September 29, 2017, 2:46 p.m. EDT)

- Commodities:

- Planning to ship 1,152 rolls of Blue Roof Plastic Sheeting from Miami, FL to St. Croix October 2
(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)

- Vehicles: General Services Administration (GSA) working to secure agreement with Hertz to source 58 vehicles for shipment to St. Thomas
(GSA Update, October 1, 2017, 1:19 p.m. EDT)

- DLA shipment of approximately 15K gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed *(DLA Update, October 2, 2017, 5:00 a.m. EDT)*

- ESF-4 assigned Type-2 IMT (20 personnel) to support commodity distribution in St. Croix; continuing work with FEMA on warehouse lease near airport; team will then clean and prepare warehouse for staging meals-ready-to-eat, water, and other food items

(ESF-4 Update, October

2, 2017, 1:08 p.m. EDT)

- USCG flights delivered Transitional Sheltering Assistance (TSA) cash to St. Thomas and will transport TSA cash as well as communications gear to St. Croix on October 2

(USCG Update, October 2, 2017, 12:59 p.m. EDT)

- **Seven**

flights into USVI October

2:

- St. Thomas: One flight transporting 40K meals

- St. Croix: Six flights transporting 80K meals, 30 generators, medical supplies and personnel

(MCC Tracking Schedule, October 2, 2017, 3:11 a.m.

EDT)

○
Responder
Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,700	1,173 (+36)	527
SS Wright	Operational	USVI: St. Thomas	Arrived	315	184 (+4)	131
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	46 (-6)	150
Ocean Carrier	En route	USVI: St. Thomas	10/8	123		

Azura	En route	USVI: St. Thomas	10/10 – 10/12	1,808		
		TOTAL:		4,142	1,403	808

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- [USCG inspecting Azura October 2 before it accepts responders for berthing](#)
(USCG Update, October 2, 2017, 1:00

p.m. EDT)

- ***ESF-8: Public Health and Medical Services***

- Royal Caribbean ship departed September 29 for Ft. Lauderdale, transporting 3,188 passengers from St. Croix (533), St. John and St. Thomas (533), and San Juan (1,791) and 121 pets; will arrive October 3 *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*

- [VA Hospitals: Outpatient clinics open October 1 in St. Thomas and St. Croix](#)
(VHA Office of Emergency Management Update, October 1, 2017 10:00 a.m. EDT)

- ***ESF-9: Search and Rescue***

- [USCGC Horsley scheduled to transport Transportation Security Administration personnel from St.](#)

Thomas to St. John on October 2

- USCGC Napier expected arrive USVI on October 2 to provide maritime SAR coverage and interagency support (USCG Update, October 2, 2017, 12:59 p.m. EDT)

- ***ESF-10: Oil and Hazardous Material Response***

- Sampled 101 of 161 (63%) of public and private water systems on St. Croix to date; 12 initially tested positive for e. coli; all 12 later re-tested negative after disinfection (ESF-10 Update, October 2, 1:48 p.m. EDT)

- USVI Department of Planning and Natural Resources (DPRN) and EPA will commence water sampling on St. Thomas and St. John no earlier than October 4 (ESF-10 Update, October 2, 10:53 a.m. EDT)

- DPRN and USCG established Unified Command, working on plan to address pollution response and marine debris removal operations (USCG Update, October 2, 2017, 10:53 a.m. EDT)

- **ESF-11: Agriculture and Natural Resources**

- Only Food Safety Inspection Service facility, privately owned, remains closed due to lack of power and potable water (ESF-11 Update, October 1, 2017, 1:50 p.m. EDT)

-

***ESF-12:
Energy***

- Western Area Power Administration deployed 25 personnel to St. Thomas, final three personnel expected to arrive October 2; expect to unload six Western Area Power Administration trucks in port at St. Thomas by October 2 (*DOE SitRep #70, October 1, 2017, 1:00 p.m. EDT*)

- ***U.S. Department of Defense
(DOD)***

- Strategic airlift in support of FEMA's response operations: Enroute Patient Staging System, Joint Patient Movement Regulating Team, and Critical Care Air Transport Team in St. Croix to redeploy to CONUS on October 3

- Defense Logistics Agency (DLA):

- Researching requirement for additional four water pumps

- Received requirement for 30 additional generators for St. Thomas (*DOD Update, October 2, 2017, 1:58 p.m. EDT*)

- ***U.S. Department of the Interior
(DOI)***

- National Park Service assessed Virgin Islands National Park (St. John) 400-foot pier October 1; due to debris and sediment, large housing vessels proposed by FEMA may not be feasible; additional assessments needed

*(DOI Update, October 2, 2017, 2:08 p.m.
EDT)*

- ***U.S. Postal Service
(USPS)***

- Providing mail for pickup or delivery to post office boxes at five of six offices in St. Croix, three of five offices in St. Thomas, and the only office in St. Johns; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m.
EDT)*

Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Quantity		
Meals	Tarps	Water

St. Thomas	3,462,785	15,485	1,840,213
St. Croix	738,960	10,000	427,000
USVI Total	4,201,745	25,485	2,267,213

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Total Arrived Quantity					
	Meals	Tarps	Water	Generator	Cots

PR	5,352,744	5,000	5,386,638	278	22,202
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(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Declarations:

Recovery Snapshot Post-Tropical Cyclone Irma

**Monday, October 2, 2017 (5:00 p.m. EDT) Updates in
Blue**

- FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017

*(Memorandum
signed by
Alex Amparo,
Assistant Administrator
of The
Recovery Directorate)*

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share

Region IV

Georgia	9/28: <i>DR-4338</i>	7 counties	All 159 counties (Cat A and B)	75%
Seminole Tribe of Florida	9/27: <i>DR-4341</i>	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/21: <i>DR-4337</i>	48 counties	69 counties (Cat A-G)	75% 100% (Cat B) for 30 days
Alabama	9/11: <i>EM-3389</i>		All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: <i>EM-3386</i>	-	All 46 counties and Catawba Indian Nation (Cat B)	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	<ol style="list-style-type: none"> 1. Deliver Individual Assistance 2. Open Disaster Assistance Centers 3. Conduct IA &PA preliminary damage assessments 4. Public Information 	Not yet reported

Florida

1.
Public Assistance (PA)
PDAs

2.
Housing in Lee, Hendry, and Collier
Counties

3.
HUD damage
assessments

4.
Temporary
housing

5.
Transitional Sheltering Assistance
(TSA)

8.
Flagler County requesting expediting processing of
Category A and B and making funds available
immediately. Requested priority assignment from
the state for fixed site registration at
Flagler Beach and Hammock
Communities

9.
Request for Direct Housing - DHAT will deploy
to
the counties to conduct assessments

10.
HUD has granted a 90-day moratorium on
foreclosures and forbearance on foreclosures of
Federal Housing Administration (FHA)-insured
home
mortgages.

11.

•
Staffing
Individual Assistance and Disaster
Survivor Assistance
missions

•
Need more IA Caseworkers
for applicants,
IA caseworkers need NEMIS/NACS
rights

•
Survivors continue to request temporary housing
as shelters are
closing

•
Debris removal
resources

•
Some schools in the Keys will not open
until

October 2nd

•
Need more language interpreters, Spanish
and Creole
(Haitian)

•
Flagler County
is very low on funding due to
Hurricane Matthew and initial Irma response
efforts;
no reserve funds to draw upon.

•

<p>Continuing to coordinate with State on STEP.</p>	<p>Frustrations with long wait times and dropped calls when calling the 1-800 FEMA number (capacity)</p>
<p>12. USACE feasibility inspectors are continuing their review of commercial park pads</p>	<ul style="list-style-type: none"> • Concern about the lack of information on Housing Strategies/Resources for survivors
<p>13. Advanced Planning coordinated with GIS to create an interactive housing map and data sharing between stakeholders</p>	<ul style="list-style-type: none"> • Hernando County: mosquito concerns
<p>14. EA IGA responded to inquiries from state legislator and local officials, primary focus of inquiries were related to debris removal, contractor procurement, constituent registration concerns and an inspector verification.</p>	<ul style="list-style-type: none"> • Survivors leaving without assistance prior to registering at DRCs due to extreme temperatures and extended wait times (3.5 hour wait times at the DRC in Miami-Dade)
<p>15. Developing Innovative Housing Solutions presentation for mission support, planning to Integrating FIU Extreme Events Institute</p>	<ul style="list-style-type: none"> • Concerns over potential arrival of approximately 3,200 evacuees via cruise ship from Puerto Rico, St. Croix and St. Thomas. Evacuees are scheduled to dock on 3 Oct. in Port Everglades. Need more information from JFO on the coordination for these incoming survivors
<p>16. The Economic Housing RSF Team identified several</p>	<ul style="list-style-type: none"> • DSA concerns over inability to check survivor cases

	<p>areas of major concern and will begin analysis immediately</p> <p>17. At request of Patrick Air Force Base leadership, DSA conducted on-site registration for military families evacuated from Puerto Rico.</p> <p>18. Initiate the Sheltering and Temporary Emergency Power (STEP) program in Broward, Charlotte, Collier, Glades, Hendry, Lee, Miami-Dade, Monroe and Palm Beach Counties.</p>	<p>on NEMIS</p> <ul style="list-style-type: none"> • The 30 day waiver for electrical work for damaged homes is set to expire Oct 13. Clay County is concerned about homeowners' electricity functionality & home repairs not being up to code. Messaging may be needed • Isolated Thunderstorms could produce gusty winds and brief heavy rains through Sunday 10/01/2017. Survivors concerned about proposed rainfall and threat to already flooded roads and damaged homes.
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Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	<ul style="list-style-type: none"> • Destroyed: 46 structures • Major Damage: 171 structures • Minor Damage: 111 structures • Affected Habitable: 127 structures 	<ul style="list-style-type: none"> PA PDAs: Total \$29.6 M • Category A: \$14.4M • Category B: \$5.5M • Category C: \$4.6M • Category D: \$0.1M • Category E: \$1.6M • Category F: \$1.9M • Category G: \$1.4M

Florida	In process
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Interagency Coordination/Recovery:

- *Recovery Support Function (RSF): Housing Recovery*

Individual Assistance

(as of 10/02/2017, 7:04 a.m.
EDT)

State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	30,098	\$8,249,642	\$5,550,119	\$2,699,523
Florida	2,107,427	\$687,555,126	\$450,626,229	\$236,998,897
Puerto Rico	4,233	\$296,060	\$141,653	\$154,407
Seminole Tribe of Florida	225	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	7,569	\$4,592	\$4,592	\$0

(as of 10/02/2017, 7:04 a.m.
EDT)

State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	21	4,345	1,680	38.7%
Florida	1,297	525,425	117,962	22.5%
Puerto Rico	22	1,295	502	39%
U.S. Virgin Islands	7	5,723	4	0.1%

(Irma) National Flood Insurance Program Claims Estimate

(as of 10/02/2017, 2:13 p.m. EDT)

State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 22,000	Over \$38,000,000
Georgia	Over 1,800	Over \$3,000,000
South Carolina	Over 2,000	Over \$2,000,000
U.S Virgin Islands	45	Not yet reported

Puerto Rico	4	Not yet reported
Alabama	1	Not yet reported

- Temporary Housing: FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017

(Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)

Transitional Sheltering Assistance <i>(as of 10/02/2017, 7:20 a.m, EDT)</i>		
State	Households Checked In to Hotel	Eligible
Florida	9,496	713,124

○
 Small Business Administration (SBA) Home
 Loans

SBA Home Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	22,557	54%	213	\$9,148,400	\$42,950

○
 US Department of Housing and Urban Development (HUD)
(as of

10/01/2017)

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130

South Carolina	1	88
Total	181	23,748

Multifamily Housing	Impacted Properties	Units	Assisted Units	Properties w/ Moderate or Major Damage	Residents Displaced/ Evacuated	Residents Returned
Florida	910	106,513	45,902	89	614	0
Georgia	50	4,665	2,145	1	150	0
Total	960	111,178	48,047	90	764	0

Public Housing	Impacted Properties	Total Number of Assisted Units	Displaced Households	Returned Households
Florida	656	32,191	6	222
Georgia	7	33,661	0	0
South Carolina	0	13,798	1	1
Total	663	79,650	7	223

Housing Choice Voucher (HCV)	Total Number of Assisted Households	Displaced Households	Returned Households
Florida	100,847	13	14
Georgia	55,639	0	0
South Carolina	25,706	0	0
Total	182,192	13	14



●
RSF: Economic
Recovery

○
SBA Business
Loans

SBA Business Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
Hurricane	Applications Received	% Processed	Applications Approved	Loans Approved	Average Loan Amount

Irma	1,348	35%	12	\$662,100	\$55,175
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○
 USDA Risk Management
 Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million
Largest Crop Liability	Orange Trees (\$1.1	Cotton (\$581.2 million)	Coffee (\$932,742)

(amount)	billion)			
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**PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary*

of Business.

- USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

Total Combined \$ Loss for Crops/Livestock by Hurricane

(as of 09/24/2017, 11:02 a.m. EDT)

Total Irma Hurricane Total	\$338,272,398
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Declarations:

Recovery Snapshot

Post-Tropical Cyclone Harvey Monday, October 2, 2017 (5:00 p.m. EDT) Updates in Blue

State/Region	Declaration	Declared Counties		
		Individual	Public Assistance	Cost Share

Assistance				
Region VI				
Texas	9/23: DR-4332	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> 1. Sheltering and temporary housing 2. Debris Removal 3. Collect and disseminate accurate incident information to improve decision-making 	Not yet reported

4.
 Accurately track incident costs associated with
 assigned resources for cost recovery

(TDEM Sit Rep, September 29, 2017, 8:00 a.m. EDT)

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	21 counties requested, 20 counties complete, 1 county ongoing

Interagency Coordination/Recovery:

- RSF: Housing Recovery***

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	845,156	\$857,025,608	\$635,725,864	\$221,299,744

Housing Inspections*(as of 10/02/2017, 7:04 a.m. EDT)*

State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,803	511,558	309,174	60.4%

(Harvey) National Flood Insurance Program Claims Estimate

(as of 09/29/2017, 1:34 p.m. EDT)

State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 88,000	Over \$1 billion
Louisiana	Over 480	Over \$2 billion

Closure Rates: Over 4% of claims have been closed in Texas with over \$42,000,000 paid in closed claims; over 11% of claims have been closed in Louisiana with over

\$1,200,000 paid in closed claims

○
Temporary
Housing

Transitional Sheltering Assistance *(as of 10/02/2017, 7:20 a.m. EDT)*

State	Households Checked In to Hotel	Eligible
Texas	22,125	343,534

○

Small Business Administration (SBA) Home Loans

SBA Home Loans *(as of 10/01/2017, 8:08 a.m. EDT)*

State	Applications	% Processed	Applications	Loan \$ Approved	Average Loan Amount
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	Received		Approved		
Texas	52,586	64%	7,471	\$628,181,700	\$84,083

○
U.S.
Department of
Housing and
Urban Development
(HUD) *(as
of 10/01/2017)*

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	20,971	3,224	844
Public and Indian Housing	66	10,965	330	263
HCV	N/A	148,205	813	655
Healthcare and Hospitals	40	5,236	599	501

●
RSF: Economic Recovery

○
SBA Business Loans

SBA Business Loans *(as of 10/01/2017, 8:08a.m. EDT)*

State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	3,589	69%	605	\$57,132,900	\$94,435

○

U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information for Hurricane Harvey

(as of 9/23/2017)

	Texas*	Louisiana **
Liabilities	\$792.4 million	\$133.5 million
Largest crop liability (total)	Cotton (\$352.3 million)	Rice (\$104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon

++ Information collected from RMA's Summary of Business Reports

<http://www.rma.usda.gov/data/sob.html>

○
USDA Farm Service
Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	\$72,961,810

○
USDA Disaster Supplemental Nutrition Assistance Program
(D-SNAP)



Recovery Update, September 28, 2017, 11:02 a.m. EDT)

○
Natural Resources Conservation
Service



**57 EQUIP application for FY17 received to date for TX special sign-ups*

***Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP*

(b)(6)

Senior Watch Officer

National Operations Center

U.S. Department of Homeland Security

Unclassified: (b)(6)

Secure: (b)(6)

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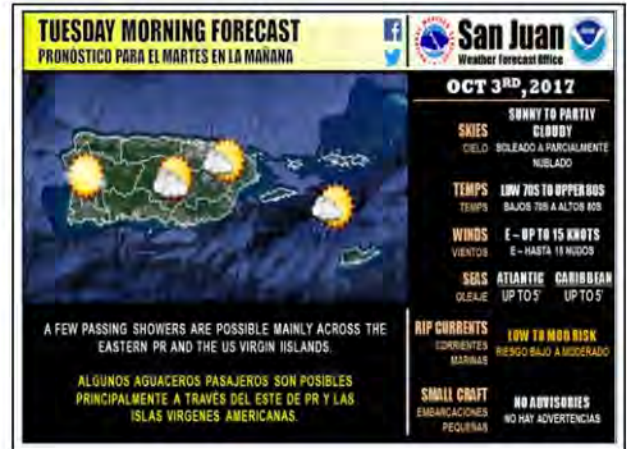
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Senior Leadership Briefing and Recovery Snapshots
Tropical Storm Maria and Post-Tropical Cyclones Irma and Harvey
Monday, October 2, 2017 (5:00 p.m. EDT)
Updates in Blue

Current Situation:

Drier air pushes into the region through the middle of the week. The United States Virgin Islands will be dry. Isolated afternoon showers and thunderstorms are possible across western and northern Puerto Rico. These storms could bring brief, heavy rain but will be very isolated in coverage. A flash flood warning remains in effect for northeast Isabela and central Quebradillas in Puerto Rico because of structural issues for Guajataca Dam. Tropical moisture will increase again toward the end of the week; increasing the threat of more widespread, heavy rainfall local mudslides and debris flows. Afternoon heat indices will reach into the mid to upper 90s. (NOAA Update, October 2, 2017, 5:00 p.m. EDT)



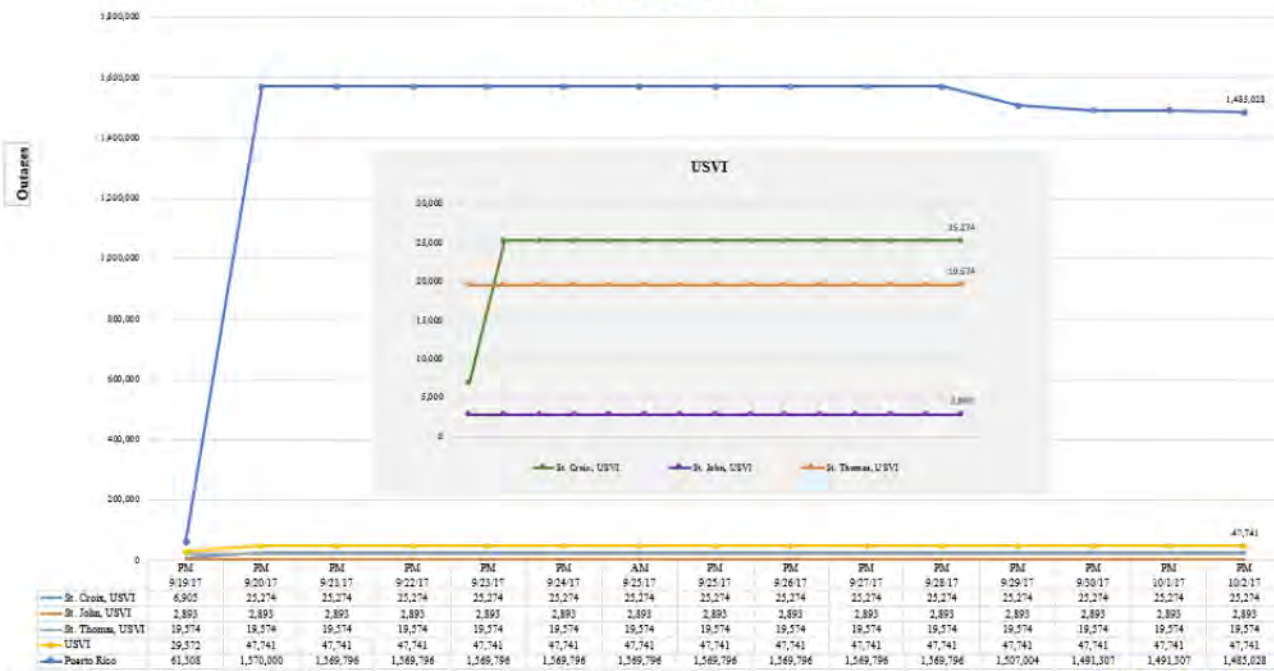
Impact Summary:

Population Impacts

Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
PR	16 confirmed fatalities	Shelters: 145 Pop: 10,177	5.4% (+0.4%) of customers have electricity Estimate 20% of transmission towers need to be replaced San Juan financial district on grid	One hospital fully operational, 64 of 65 mainland hospitals assessed, two closed, one pending assessment 14 (20%) hospitals back on electrical grid with intermittent generator support VA hospitals: Eight open, one closed	Curfew in effect from 9:00 p.m. to 5:00 a.m.	53 (-5) of 68 Federal Government buildings closed 65% of grocery and big box stores open
USVI	Five confirmed fatalities	USVI Shelters: Seven Pop: 555 St. Thomas: Shelters: Two Pop: 247 St. John: Shelters: Two Pop: 24 St. Croix: Shelters: Three Pop: 284	Percentage of customers that have electricity: St. Thomas: (15%) St. John: (0%) St. Croix: (10%)	Schneider Regional Medical Center on St. Thomas and Governor Juan Luis on St. Croix condemned; established mobile medical facility in St. Thomas; St. Croix waiting for mobile medical facility to be established, 33 HHS Health and Medical Task Force personnel providing interim support VA hospitals: Both opened October 2	Curfew in place from 6:00 p.m. to 6:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 6:00 p.m. to 10:00 a.m.	Planning for public schools to reopen October 9 15 of 19 Federal Government buildings closed
<i>As of:</i>	October 1 8:00 p.m. EDT	October 2 4:05 a.m. EDT	October 2 12:00 p.m. EDT	October 2 12:41 p.m. EDT	October 1 10:00 p.m. EDT	October 2 1:20 p.m. EDT

(ESF-5, ESF-6, ESF-7, ESF-8, ESF-12, ESF-15, PREMA, VA OHA)

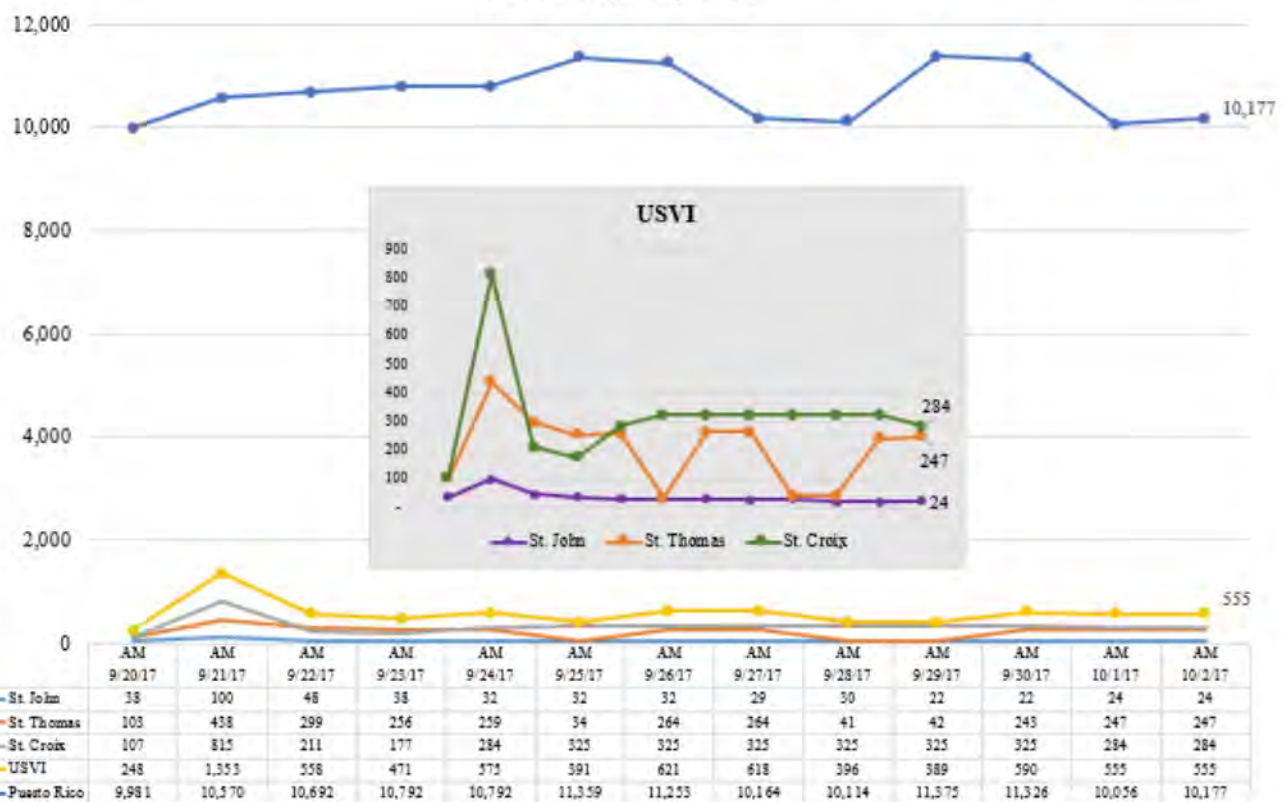
Power Outages
Total: 1,580,510 (-6,279)



*Due to ongoing restoration efforts, the USVI power numbers reflect initial outage reporting. Updates will be provided as they become available.

(ESP-11 Update, October 01, 2017, 1:01 p.m. EDT)

Shelter Population
Total: 10,732 (+121)



*Due to limited communications, there are delays in regular shelter reporting. Updates will be provided as they become available.

(ESP-6 Update, October 01, 2017, 4:00 a.m. EDT)

Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
PR	10 of 10 airports open San Juan Airport open for commercial flights	Four ports open: San Juan, Guayanilla, Salinas, Tallaboa Nine (+1) ports open with restrictions: Mayaguez, Arecibo, Fajardo, Vieques, Culebra, Guayama, Ponce, Yabucoa, and Roosevelt Roads One port closed: Guanica (low priority)	17 (+2) roads open 3,209 public road incidents reported (landslides, waterway issues, blockages, bridges, etc.)	714 of 1,100 retail gas stations operational	Boil Water Advisory issued island-wide Of 52 waste water treatment plants, nine operational, 19 non-operational, 24 unknown 230K people rely on Guajataca Dam for water	11.3% of island with cell service; service around SJU airport restored Public Safety Answer Points (PSAPs)/911 centers operational
USVI	St. Thomas open and receiving commercial aircraft; must contact tower 20 minutes out St. Croix open under special conditions (military flights and air carriers with less than 35 passengers)	St. Thomas Open: Charlotte Amalie, East Gregerie Channel, West Gregerie Channel (Crown Bay) Open with restrictions: Red Hook Bay St. John Open with restrictions: Cruz Bay St. Croix Open: Frederiksted Open with restrictions: Krause Lagoon, Limetree Bay, Christiansted	Numerous routes partially closed on St. Thomas and St. John. St. Croix: Most highways open with caution All traffic signals on St. Thomas and St. Croix completely destroyed	St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane	Boil Water Advisory territory-wide Total of 101 public and private water systems sampled to date on St. Croix; 12 initially tested positive for E.coli and all 12 later re-tested with negative E.coli results after being disinfected	29.2% cell phone coverage in USVI; PSAPs non-operational St. Thomas: 40% (+2) of 55 cell towers operational St. John: No cell towers operational St. Croix: 26.2% (-2.4) of 42 cell towers operational
<i>As of:</i>	<i>October 2 1:19 a.m. EDT</i>	<i>October 2 4:53 p.m. EDT</i>	<i>October 2 5:23 p.m. EDT</i>	<i>October 1 12:00 p.m. EDT</i>	<i>October 2 1:48 p.m. EDT</i>	<i>October 2 2:50 p.m. EDT</i>

(ESF-1, ESF-2, ESF-6, ESF-10, ESF-12, PRASA, USCG)

Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	78 (+24) municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/10: DR-4336	12 municipalities	31 municipalities	75%
USVI	9/7: DR-4335	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/20: DR-4340	St. Croix, St. John, St. Thomas	All	75%

(FEMA Declarations Unit, October 2, 2017, 12:37 p.m. EDT)

Force Laydown:

Department/Agency	Puerto Rico	U.S. Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF-6)	445	267	*	*	712
Army Corps of Engineers (ESF-3)	122	97	3	65	287
Civil Air Patrol (ESF-5)*	30	*	*	*	30
Customs and Border Protection (ESFs 5, 9 & 13)	206	5	0	5	216
Department of Agriculture (ESF-11)	1	0	0	0	1
Department of Defense Title 10*	3,330	*	*	*	3,330
Department of Energy (ESF-12)	2	23	0	28	53
Department of the Interior	251	21	45	0	317
Department of Transportation (ESF-1)	4	2	0	28	34
DHS – NPPD / Federal Protective Service	33	3	0	2	38
Environmental Protection Agency (ESF-10)*	21	27	0	0	48
Federal Law Enforcement (ESF-13)	346	5	0	0	351
FEMA Deployed	724	264	6	53	1,047
Urban Search & Rescue (ESF-9)	80	0	0	0	80
Forest Service (ESF-4)	217	20	0	27	264
General Services Administration (ESF-7)	17	0	0	0	17
Health and Human Services (ESF-8)	475	33	14	11	533
Veterans Affairs (ESF-8)	164	0	0	0	164
National Guard Bureau*	4,290	2,475	*	*	6,765
National Weather Service - NOAA	30	0	0	0	30
Small Business Administration (ESF-6)	11	2	0	2	15
Transportation Security Administration (ESF-1)	109	5	0	5	119
United States Coast Guard (ESFs 1, 5, 7, 9, 10, 13 & 15)*	1,430	*	*	*	1,430
TOTALS	12,338	3,249	68	226	15,881

* DOD personnel numbers include 2,188 personnel supporting from sea; DOD and NGB numbers not broken out by island

*Civil Air Patrol flights support all USVI

(Situational Awareness Info Analysis, October 2, 2017, 3:00 p.m. EDT)

FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations
- National Incident Management Assistance Team (IMAT) East-2 at San Juan Convention Center Joint Field Office (JFO)
- **Recovery**
 - Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 6,260 (+454) call center agents available to receive calls (*Recovery Contact Center Surge Staffing Timeline, October 2, 2017, 11:19 a.m. EDT*)
 - Total Individuals and Households Program Registrations for PR: 91,746 (+19,674) and USVI: 5,012 (+409) (*Open Disaster IA Summary, October 2, 2017, 11:02 a.m. EDT*)
- **Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	62 (+4)	18 (+1)
II	USVI	30 (0)	13 (0)

(EMAC Sit Rep #79, October 2, 2017, 6:00 p.m. EDT)

FEMA Region II:

- Region II RRCC not activated; some RRCC staff supporting NRCC operations
- FEMA Region II IMAT in St. Croix; eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR (*FOD Update, October 2, 2017, 1:50 p.m. EDT*)
- **Puerto Rico:**
 - Emergency Operations Center (EOC) at Full Activation with limited operations and on generator power
 - PR JFO open at San Juan Convention Center
 - Federal Coordinating Officer (FCO) is Alejandro De La Campa
- **U.S. Virgin Islands:**
 - EOCs on each island at Full Activation (*RII DSAR, September 27, 2017, 3:00 p.m. EDT*)

- Lease signed October 1 for USVI JFO location at University of the Virgin Islands in St. Thomas, anticipate partial opening by October 3 (*GSA Update, October 1, 2017, 3:21 p.m. EDT*)
- FCO is William Vogel (*RII DSAR, September 27, 2017, 3:00 p.m. EDT*)

Interagency Coordination for Puerto Rico:

• ESF-1: Transportation

- Airports:
 - Luis Muñoz Marín International Airport (SJU) in San Juan:
 - Flights: 141 departures and 147 arrivals October 1 (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - Passenger throughput continues to increase; 6,000 outbound passengers processed October 1 (*ESF-1 Update, October 2, 2017, 4:00 p.m. EDT*)
- Roads: PR has 5,073 miles of roads: 388 miles (8%) open, 1,342 (26%) partially open, and 3343 (66%) unknown; unknown due to municipalities not reporting due to communications issues; working with other agencies to observe unknown areas
 - PR-52 in Ponce: Lanes closed due to bridge damage (km 93.9 in Juana Diaz) from kilometer 88.4 to 95; will build crossover to carry out temporary diversion around damaged bridge; PR Department of Transportation (DTOP) encouraging drivers to US-1 as detour
 - PR-3: DOD clearing from the west, DTOP contractors clearing from the east; work almost complete; will focus on PR-53 next
 - PR-2 in Aguado area: Landslide risk, one lane open
 - Forest Service completed three missions; PR National Guard (PRNG) completed one mission; PR-SAW teams cleared one mile of line along overflow flume for Lake Guajataca (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - United States Army Corps of Engineers (USACE) and fire departments clearing routes to Route 119, which leads to Guajataca Dam (*ESF-3 Update, October 2, 2017, 10:56 a.m. EDT*)
- Ports:
 - 13 of 14 deep-water ports fully open or open with restrictions; Guanica remains low priority port due to limited utility for response operations and low impact on commerce (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Based on United States Coast Guard (USCG) and National Oceanic and Atmospheric Administration (NOAA) survey results of Roosevelt Roads and Bahia de Puerca port areas:
 - USCG set operating draft of 33 ft. or less and Daylight Operations only for Roosevelt Roads based on bottom survey and lack of electricity
 - Graving Dock area in the Bay of Puerca was not recommended for consideration for use due to an extensive debris field (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Critical aids to navigation assessment for PR/USVI is at 100%, 86% operational; remaining aids (14%) on station, but note discrepancies; anticipate correction by October 8 (*USCG Update, October 2, 2017, 9:00 a.m. EDT*)
- Transit: Eight Autoridad Metropolitana de Autobuses (AMA) routes open from 7:00 a.m. to 5:00 p.m., with 40 buses in service (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)

• ESF-2: Communications

- Mobile Emergency Response Support (MERS) teams installed amateur radio antennas at convention center to support American Radio Relay League (ARRL) operators
- Restored communications tower near Roosevelt Roads
- Deployed Radio Frequency (RF) technicians to restore communications towers across PR
- Initial Response Vehicle (IRV) en route to Ponce to provide communications support for interagency missions (*ESF-2 Update, October 2, 2017, 1:59 p.m. EDT*)

• ESF-3: Public Works and Engineering

- Dams:
 - Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage
 - Loading 900 super sandbags with gravel; additional 900 expected evening of October 2
 - United States Marine Corps (USMC) rotary wing assets began placing concrete barriers and super sandbag reinforcement along compromised portions of spillway channel October 2

- USGS and USACE coordinating upstream/downstream gage placement and remote video monitoring of Guajataca Dam
- **Thirteen of 17 priority dam inspections complete** *(ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)*
- Temporary Power:
 - Completed 80 of 135 requested generator pre-installation inspections; 17 installations completed; 15 in progress at priority medical facilities and Roosevelt Roads Naval Base; 79 generators available on island to be installed
 - Priority locations for temporary power restoration: Mayaguez la Concepcion Medical Center, Bayamon Public Hospital, and Hospital HIMA San Pablo Fajardo
 - Generator installs completed at a **911 Call Center, Water/Wastewater treatment Plant**, PR Electric Authority Data Center, Centro Cardiovascular de PR y del Caribe, and Departamento Recreacion y Deportes *(ESF-3 Update, October 2, 2017, 10:07 a.m. EDT)*
 - **United States Coast Guard (USCG) Cutter Venturous assessed 16 generators at local emergency management center and child refuge center in Vieques and repaired two; repaired fuel truck which allowed Vieques to deliver fuel on island** *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*
- Debris:
 - USACE met with USCG to discuss potential mission assignment to dispose of 150 vessels
 - **Working on plan to remove vessel close to infringing on Federal navigation channel at Ponce Harbor** *(ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)*
- Temporary Roofing:
 - Current estimates: 60K roofs damaged
 - **Collected 1,050 Right of Entry (ROE) Agreements; assessments ongoing, will provide current count of homes assessed at 8:00 p.m. EDT**
 - Will begin roofing after arrival of 1,900 rolls of sheeting October 3 and 10K rolls of sheeting October 5 (25K total requested); priority is critical public facilities
 - Tarps on order and will arrive throughout October *(ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)*
- **ESF-4: Firefighting**
 - One Type-2 IMT (85 personnel) coordinating resources and assessing firefighting capabilities in support of PR Fire department; assessed 76 of 95 fire stations; **PR Fire Department experiencing severe communications problems and electrical grid extensively damaged; almost entire fire department infrastructure without power; many backup generators damaged; ordered necessary supplies and equipment but estimated arrival date unknown** *(ESF-4 Update, October 2, 2017, 11:48 a.m. EDT)*
- **ESF-5: Information and Planning**
 - **Civil Air Patrol (CAP) operating four aircraft from Isla Grande airport near San Juan with focus on imagery reconnaissance; operations curtailed due to civilian aircraft crash which closed runway; three sorties airborne at the time expected to complete missions** *(CAP Update, October 2, 2017, 1:58 p.m. EDT)*
 - **USACE and PRNG conducting an aerial route reconnaissance of approximately 60 km of roads October 2** *(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)*
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - 619 (+71) registrations on the American Red Cross (ARC) Safe and Well reunification website
 - Feeding:
 - **Salvation Army increased number of fixed feeding sites to 12 (+5); continuing mobile feeding with nine canteens; current capacity approximately 10,000 meals per day**
 - **American Red Cross distributed 5,171 bulk items such as meals, water, and clean up-supplies on October 2; served 12,150 meals October 1** *(ESF-6 Update, October 2, 2017, 2:19 p.m. EDT)*
- **ESF-7: Logistics Management and Resource Support**
 - Incident Support Bases (ISBs):
 - **Roosevelt Roads Airport and Rafael Hernandez Airport in Aguadilla open for air operations; Ponce Air/Sea port open for operations with sea port restrictions; Aguadilla contract signed October 1; ESF-4 Type-1 IMT (49 personnel) supporting commodity distribution at Rafael Hernandez Airport ISB and identifying logistical needs to support DOD** *(ESF-4 Update, October 2, 2017, 11:35 a.m. EDT)*
 - **Preparing to open Ponce Air/Sea Port and Marine Corps support facility at Blount Island** *(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)*

- In addition to 10 Regional Staging Areas (RSAs) for commodities distribution, PR plans to add 25-30 distribution points within next two days using local armories and guardsmen *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*
- Commodities: Transitioning to next phase of water and meal support, with greater emphasis on contracts and Defense Logistics Agency (DLA) support
 - First contract barge water deliveries will arrive in San Juan on October 6
 - DLA-provided MREs and contract meals are being loaded on barges in Jacksonville and will be incorporated into air bridge flights later this week
 - 1,900 rolls of plastic to support blue roof mission expected to arrive October 3; 10,000 rolls expected to arrive October 5 *(ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)*
 - Flights into Puerto Rico October 2:
 - Fifteen flights transporting 136K liters of water, 230K meals, personnel, 12 black hawk helicopters, 900 sandbags, and Veterans Affairs Mobile Medical unit *(MCC Tracking Schedule, October 2, 2017, 3:11 a.m. EDT)*
 - USCG transported Mobile Medical Unit and 6K gallon fuel truck to San Juan October 1; meals, water, 45 passengers, and fuel pumping supplies will be delivered to San Juan and Borinquen October 2 *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*
 - C-17 arrived in Aguadilla with four H-60 helicopters to enhance air distribution of commodities across PR; two C-17 also delivered food and water as part of daily commodities delivery *(DoD Update, October 2, 2017, 1:58 p.m. EDT)*
 - Ships into Puerto Rico:
 - USCG Cutter (USCGC) Decisive moored at Miami Beach to onload 4K pounds of construction materials, 50 generators, and other humanitarian supplies for delivery to PR *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*
 - El Rey transporting 756K liters of water, 694K meals, and four generators; expected to arrive and unload October 2 *(ESF-7 Update, October 1, 2017, 7:16 p.m. EDT)*

○ Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	1,000	916	84
TS Kennedy	Operational	PR: San Juan	Arrived	600	600	0
TS Empire State	Operational	PR: San Juan	Arrived	650		
La Suprema	En route	PR	10/5	2,200		
Adriana	En route	PR	10/6 - 10/9	302		
Rhapsody	En route	PR	10/10 - 10/12	2,044		
JMC 3330	Secured	PR	10/19	430		
			PR TOTAL:	7,226	1,516	84

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG inspecting Rhapsody October 2 before it accepts responders for berthing *(USCG Update, October 2, 2017, 1:00 p.m. EDT)*
- **ESF-8: Public Health and Medical Services**
 - Hospitals:
 - Power restored to fourteen (20%) hospitals (back on electrical grid); 50 hospitals functioning on generator power *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*
 - PR National Guard provided fuel for generators at Department of Health Laboratory and two hospitals *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*
 - More than 50 hospitals using Hertz-Armstrong-Marconi (HAM) radio operators for communications *(ESF-2 Update, October 2, 2017, 1:59 p.m. EDT)*
 - Dialysis Centers:
 - 46 of 48 open: 44 fully operational, two partially operational, two closed
 - FEMA secured private contractor to provide fuel and water exclusively to functional dialysis clinics *(ESF-8 Update, October 1, 2017, 7:00 a.m. EDT)*
 - Medical vessel USNS Comfort expected to arrive October 4 with 800 medical personnel and support staff; medical care capabilities include general practice, family medicine, nephrology, and pediatrics; ship is capable of serving 200 patients per day
 - Four boxes of platelets and one box of red blood cells expected to arrive in San Juan October 2 *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*

- **ESF-9: Search and Rescue**
 - Two FEMA Urban Search and Rescue (US&R) task forces performed targeted searches/wellness checks; supported Secret Service/Immigration and Customs Enforcement mission to gain access to radio tower for repair and refueling; improved radio interoperability in PR (*ESF-9 Update, October 2, 2017, 2:01 p.m. EDT*)
 - USCGCs Dixon and Tezanos at Vieques and Ponce respectively to support search and rescue coverage and interagency support (*USCG Update, October 2, 2017, 12:59 p.m. EDT*)
- **ESF-10: Oil and Hazardous Material Response**
 - Environmental Protection Agency:
 - Eight EPA and PR Department of Health (DPNR) teams assessing community water systems not serviced by Puerto Rico Aqueduct and Sewer Authority (PRASA) October 2 in Caguas; 4% of PR population do not receive service from PRASA
 - Conducted superfund site surveys and surveillance of Upjohn Facility, Vega Alta Public Supply Well, and Juncos Landfill September 30, awaiting results (*ESF-10 Update, October 2, 1:48 a.m. EDT*)
 - Port Assessments:
 - USCG working with USACE and Navy Supervisor of Salvage and Diving (SUPSALV) to survey two vessels located in turning basin in vicinity of Port of Ponce; USCG, USACE, and SUPSALV assessing potential salvage and impacts to ports and vessel impacts
 - Overflight for a larger sunken vessel off Vieques failed to locate the vessel or any signs of pollution (*USCG Update, October 2, 2017, 10:53 a.m. EDT*)
- **ESF-11: Agriculture and Natural Resources**
 - Humane Society of the United States (HSUS) evacuated 330 (+71) animals to date; additional animal evacuations planned throughout week
 - Eight-person assessment team from HSUS and EMAC team from NC arrived October 1 to assess pet/animal facilities (*ESF-11 Update, October 2, 2017, 2:00 p.m. EDT*)
 - Thirteen of 84 Food Safety Inspection Service regulated facilities open but not operational due to power outage and lack of potable water (*ESF-11 Update, October 1, 2017, 1:50 p.m. EDT*)
- **ESF-12: Energy**
 - Puerto Rico Electric Power Authority (PREPA) expects 15% of customers will have power restored within next two weeks
 - PREPA contracted Whitefish Energy to work on transmission and distribution systems; Whitefish Energy has team in PR and preparing contingent of crews to include those providing mutual aid; staging resources in FL and TX to expedite shipments of restoration materials
 - First Whitefish Energy project will be re-energizing line to Dos Bocas Hydro Plant for potable water
 - Generator powering pump for Pipeline of Puerto Rico jet fuel line requires repairs, replacement not an option as generator is unique; Pipeline of Puerto Rico contacted generator repair contractor October 1
 - Tanker CT Cork arrived October 2; maximum capacity 2.9 million gallons fuel
 - Defense Logistics Agency: 100 fuel trucks arrived PR October 2; 125 drivers expected to arrive late October 2
 - Total Brand gas stations, accounting for approximately 30% of PR open gas stations, reporting stations running out of fuel about five hours after delivery due to high demand; Total Brand will bring four truck drivers from Dominican Republic October 2 to alleviate distribution challenges
 - Total Brand expects diesel fuel demand to increase from 5% to 25% of total distribution due to demand for powering generators; increased truck fleet from 13 to 24 to meet demand (*DOE SitRep #70, October 2, 2017, 1:00 p.m. EDT*)
 - San Juan financial district back on electrical grid (*DOE Update, October 2, 2017, 12:38 p.m. EDT*)
- **ESF-13: Public Safety and Security**
 - Four additional Quick Response Teams (25 personnel each) arriving October 4
 - Teams continue to support: US&R, Disaster Medical Assistance Teams, and PR Police Department (*ESF-13 Update, October 2, 2017, 1:28 p.m. EDT*)
 - Installed generators at Golden Grove Prison October 1 (*ESF-3 Update, October 2, 2017, 10:07 a.m. EDT*)
 - Federal Protective Service conducting advance site security assessments in preparation of POTUS visit (*FPS Update, October 2, 2017, 2:25 p.m. EDT*)

- **ESF-15: External Affairs**
 - Private Sector Snapshot:
 - Sherwin Williams, Inc.: One store open, four others to open October 4, remaining stores require security and power to reopen
 - Home Depot: Six of nine stores open on generator power
 - Chili's restaurants: Eight of 22 open on generator power *(ESF-15 Update, October 2, 2017, 1:50 p.m. EDT)*
- **U.S. Department of Defense (DOD)**
 - USS Kearsarge, and USS Oak Hill providing rotary wing support to FEMA mission sets as required; Marines and Sailors integrated with FEMA Task Forces and providing manpower, analysis, route clearance, and commodity distribution support
 - USS Wasp will arrive October 3 with 13 rotary wing aircraft (nine MH-60s and four CH-53s)
 - Strategic airlift in support of FEMA's response operations: Four C-17s (one with four UH-60s) arrived October 2
 - Defense Logistics Agency: Mission Assignment approved for five water trucks to PR, pending award *(DOD Update, October 2, 2017, 1:58 p.m. EDT)*
- **National Guard Bureau (NGB)**
 - State-to-state EMAC forces continue to arrive, increasing National Guard footprint in PR to 3,400; 340 additional NG Military Police and Engineer personnel scheduled to arrive October 3 *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*
- **Customs and Border Protection**
 - Completed 122 air missions for PR and USVI, including logistics (66); imagery, video, and communication (5); personnel relocation (39); and equipment transfer (12) *(CBP Update, October 2, 2017, 11:24 a.m. EDT)*
- **U.S. Department of the Interior (DOI)**
 - USGS Landslide Hazards Program will examine available imagery to identify landslide extent in drainage basins above Guajataca Dam
 - USGS real-time hydrological information for the dam available online; real-time readings show Lake Guajataca water levels have remained relatively consistent near the dam *(DOI Update, October 2, 2017, 2:08 p.m. EDT)*
- **U.S. Postal Service (USPS)**
 - Providing mail for pickup or delivery to post office boxes at 101 of 128 post offices, including Vieques and Culebra; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Interagency Coordination for U.S. Virgin Islands:

- **ESF-1: Transportation**
 - Roads: All highways on St. Croix open with at least one lane of traffic; commercial vehicle movement remains limited due to clearance issues with leaning trees and power lines;
 - Route 66: Only four-lane divided highway on the island running east to west is fully open all lanes
 - Route 70: Main local east to west highway on island is open with a handful of areas where debris restricts to one travel lane *(ESF 1 Update, October 2, 2017, 12:27 p.m. EDT)*
 - Debris : 90% of USVI roadways are cleared of debris *(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)*
 - Mahogany Road impassible; still need to assess Mahogany Road and Bridges *(ESF-1 Update, October 1, 2017, 2:21 p.m. EDT)*
 - Ports: All nine deep-water ports fully open or open with restrictions *(USCG Update, October 2, 2017, 4:53 p.m. EDT)*
- **ESF-2: Communications**
 - Set up 18 WIFI hotspots throughout USVI
 - St. John: MERS issued 14 very high frequency (VHF) radios to support first responder networks and provided a High Frequency (HF) antenna to New York State Police
 - St Thomas: Team replaced very small aperture terminal (VSAT) system supporting EOC due to inclement weather; MERS mechanics maintaining vehicles, generators, and shelter support equipment on regular basis
 - St. Croix: Assisted with registration of PIV cards for FEMA EOC members; assisted Governor's staff with installation of VSAT system being used to support live feed video conferences; collaborated with

communications service providers to determine issues causing satellite communications irregularities (ESF-2 Update, October 2, 2017, 10:23 a.m. EDT)

- **ESF-3: Public Works and Engineering**

- Completed assessments of 115 critical facilities identified by VITEMA as of October 1 (ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)
- Temporary Power:
 - Completed 121 of 153 requested pre-installation inspections; 18 generators installed to date; 35 generators available on island to be installed
- Debris:
 - St. Thomas: USACE estimates debris volume at 355K cubic yards; debris removal operations to begin October 2
 - St. Croix: USACE estimates debris volume at 750K cubic yards; Department of Public Works and sub-contractors have collected 1,500 cubic yards debris to date
 - St. John: USACE estimates debris volume at 33K cubic yards; debris removal operations to begin October 8
 - Assisted in integration of Joint Forces Land Component Command into the Debris Task Force and overall GIS effort
 - Debris Subject Matter Experts coordinating with the USVI Department of Planning and Natural Resources (DPNR) for approval of temporary debris disposal sites (ESF-3 Update, October 2, 2017, 10:13 a.m. EDT)
- Temporary Roofing
 - Current blue roof estimates: St. Croix: 5K, St. Thomas: 7K, and St. John: 1K
 - Collected 941 Right of Entry Agreements; assessed 130 homes, installed 43 roofs (ESF-3 Update, October 2, 2017, 9:19 a.m. EDT)

- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**

- Ninety-five (+1) registrations on the American Red Cross (ARC) website
- Feeding:
 - Salvation Army working to distribute 21,600 food boxes provided by FEMA throughout St. Thomas, St. Croix, and St. John
 - ARC distributed 97 bulk items and served 2,045 meals and 221 snacks October 2 (ESF-6 Update, October 2, 2017, 2:19 p.m. EDT)

- **ESF-7: Logistics Management and Resource Support**

- Preparing to open ISBs in St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal); staging materials for lots (ESF-7 Update, September 29, 2017, 2:46 p.m. EDT)
- Commodities:
 - Planning to ship 1,152 rolls of Blue Roof Plastic Sheeting from Miami, FL to St. Croix October 2 (ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)
 - Vehicles: General Services Administration (GSA) working to secure agreement with Hertz to source 58 vehicles for shipment to St. Thomas (GSA Update, October 1, 2017, 1:19 p.m. EDT)
 - DLA shipment of approximately 15K gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed (DLA Update, October 2, 2017, 5:00 a.m. EDT)
 - ESF-4 assigned Type-2 IMT (20 personnel) to support commodity distribution in St. Croix; continuing work with FEMA on warehouse lease near airport; team will then clean and prepare warehouse for staging meals-ready-to-eat, water, and other food items (ESF-4 Update, October 2, 2017, 1:08 p.m. EDT)
 - USCG flights delivered Transitional Sheltering Assistance (TSA) cash to St. Thomas and will transport TSA cash as well as communications gear to St. Croix on October 2 (USCG Update, October 2, 2017, 12:59 p.m. EDT)
 - Seven flights into USVI October 2:
 - St. Thomas: One flight transporting 40K meals
 - St. Croix: Six flights transporting 80K meals, 30 generators, medical supplies and personnel (MCC Tracking Schedule, October 2, 2017, 3:11 a.m. EDT)

○ Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,700	1,173 (+36)	527
SS Wright	Operational	USVI: St. Thomas	Arrived	315	184 (+4)	131
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	46 (-6)	150
Ocean Carrier	En route	USVI: St. Thomas	10/8	123		
Azura	En route	USVI: St. Thomas	10/10 – 10/12	1,808		
TOTAL:				4,142	1,403	808

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG inspecting Azura October 2 before it accepts responders for berthing *(USCG Update, October 2, 2017, 1:00 p.m. EDT)*

● **ESF-8: Public Health and Medical Services**

- Royal Caribbean ship departed September 29 for Ft. Lauderdale, transporting 3,188 passengers from St. Croix (533), St. John and St. Thomas (533), and San Juan (1,791) and 121 pets; will arrive October 3 *(ESF-8 Update, October 2, 2017, 2:00 p.m. EDT)*
- VA Hospitals: Outpatient clinics open October 1 in St. Thomas and St. Croix *(VHA Office of Emergency Management Update, October 1, 2017 10:00 a.m. EDT)*

● **ESF-9: Search and Rescue**

- USCGC Horsley scheduled to transport Transportation Security Administration personnel from St. Thomas to St. John on October 2
- USCGC Napier expected arrive USVI on October 2 to provide maritime SAR coverage and interagency support *(USCG Update, October 2, 2017, 12:59 p.m. EDT)*

● **ESF-10: Oil and Hazardous Material Response**

- Sampled 101 of 161 (63%) of public and private water systems on St. Croix to date; 12 initially tested positive for e. coli; all 12 later re-tested negative after disinfection *(ESF-10 Update, October 2, 1:48 p.m. EDT)*
- USVI Department of Planning and Natural Resources (DPRN) and EPA will commence water sampling on St. Thomas and St. John no earlier than October 4 *(ESF-10 Update, October 2, 10:53 a.m. EDT)*
- DPRN and USCG established Unified Command, working on plan to address pollution response and marine debris removal operations *(USCG Update, October 2, 2017, 10:53 a.m. EDT)*

● **ESF-11: Agriculture and Natural Resources**

- Only Food Safety Inspection Service facility, privately owned, remains closed due to lack of power and potable water *(ESF-11 Update, October 1, 2017, 1:50 p.m. EDT)*

● **ESF-12: Energy**

- Western Area Power Administration deployed 25 personnel to St. Thomas, final three personnel expected to arrive October 2; expect to unload six Western Area Power Administration trucks in port at St. Thomas by October 2 *(DOE SitRep #70, October 1, 2017, 1:00 p.m. EDT)*

● **U.S. Department of Defense (DOD)**

- Strategic airlift in support of FEMA's response operations: Enroute Patient Staging System, Joint Patient Movement Regulating Team, and Critical Care Air Transport Team in St. Croix to redeploy to CONUS on October 3
- Defense Logistics Agency (DLA):
 - Researching requirement for additional four water pumps
 - Received requirement for 30 additional generators for St. Thomas *(DOD Update, October 2, 2017, 1:58 p.m. EDT)*

● **U.S. Department of the Interior (DOI)**

- National Park Service assessed Virgin Islands National Park (St. John) 400-foot pier October 1; due to debris and sediment, large housing vessels proposed by FEMA may not be feasible; additional assessments needed *(DOI Update, October 2, 2017, 2:08 p.m. EDT)*

● **U.S. Postal Service (USPS)**

- Providing mail for pickup or delivery to post office boxes at five of six offices in St. Croix, three of five offices in St. Thomas, and the only office in St. Johns; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Quantity			
	Meals	Tarps	Water
St. Thomas	3,462,785	15,485	1,840,213
St. Croix	738,960	10,000	427,000
USVI Total	4,201,745	25,485	2,267,213

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Total Arrived Quantity					
	Meals	Tarps	Water	Generator	Cots
PR	5,352,744	5,000	5,386,638	278	22,202

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Maria Force Laydown

As of October 02, 2017 4:00 p.m. EDT

Puerto Rico:

FEMA: N-IMAT-E2
 ESF-1: TS KENNEDY; TS Empire State; PR Convention Center (providing responder lodging)
 ESF-2: 5 MERS; MEOV 32
 ESF-3: Roofing Teams; Power & Debris PRTs; 249th
 ESF-4: Type 1 IMT; 2 Type 2 IMT w/ 26 Saw Teams
 ESF-8: SAT; 14 DMAT; CDC; APHT; DMORT; 2 HMTF; MHT
 ESF-9: IST; 2 Type 4 US&R
 ESF-11: HSUS

Puerto Rico (Continued):

ESF-12: IMAT Support
 ESF-13: QRTs
 CAP: Aerial Support
 CBP: SRT
 USCG: IMAT; NSF; 9 Cutters
 DOD: DCE
 VA: 2 Mobile Medical Teams
 FPS: 2 EDCT

St. Thomas:

FEMA: 1 RX-IMAT
 ESF-1: SS Wright
 ESF-2: MERS
 ESF-3: Roofing Teams; Power & Debris PRT; 249th
 ESF-4: Type 2 IMT
 ESF-8: MHT
 ESF-12: IMAT Support; Power Restoration Team
 CBP: SRT; OIT
 DOD: DCE; ASMC; GST; CAISE
 USCG: NSF, 1 Cutter

St. John:

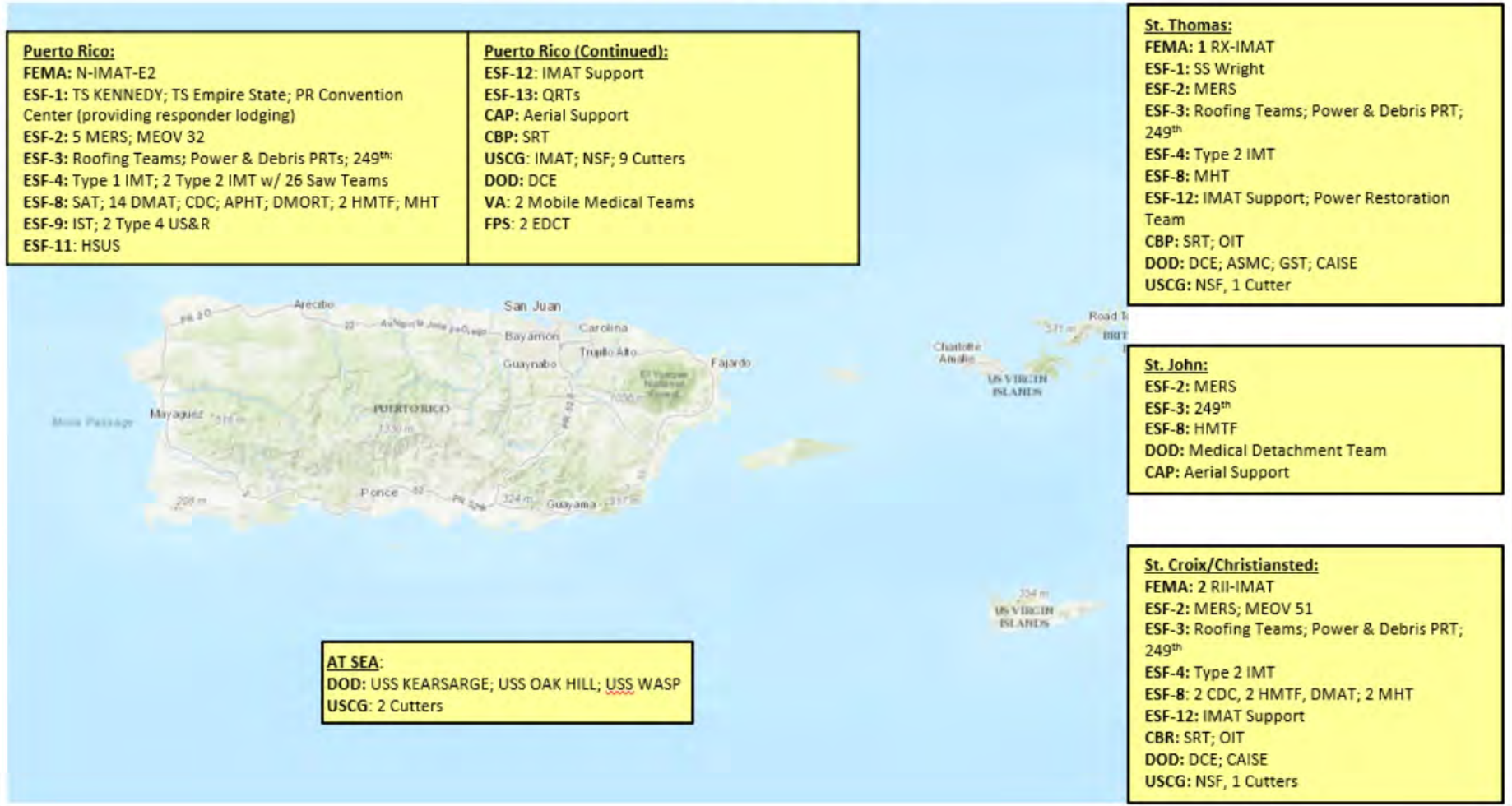
ESF-2: MERS
 ESF-3: 249th
 ESF-8: HMTF
 DOD: Medical Detachment Team
 CAP: Aerial Support

St. Croix/Christiansted:

FEMA: 2 RII-IMAT
 ESF-2: MERS; MEOV 51
 ESF-3: Roofing Teams; Power & Debris PRT; 249th
 ESF-4: Type 2 IMT
 ESF-8: 2 CDC, 2 HMTF, DMAT; 2 MHT
 ESF-12: IMAT Support
 CBR: SRT; OIT
 DOD: DCE; CAISE
 USCG: NSF, 1 Cutters

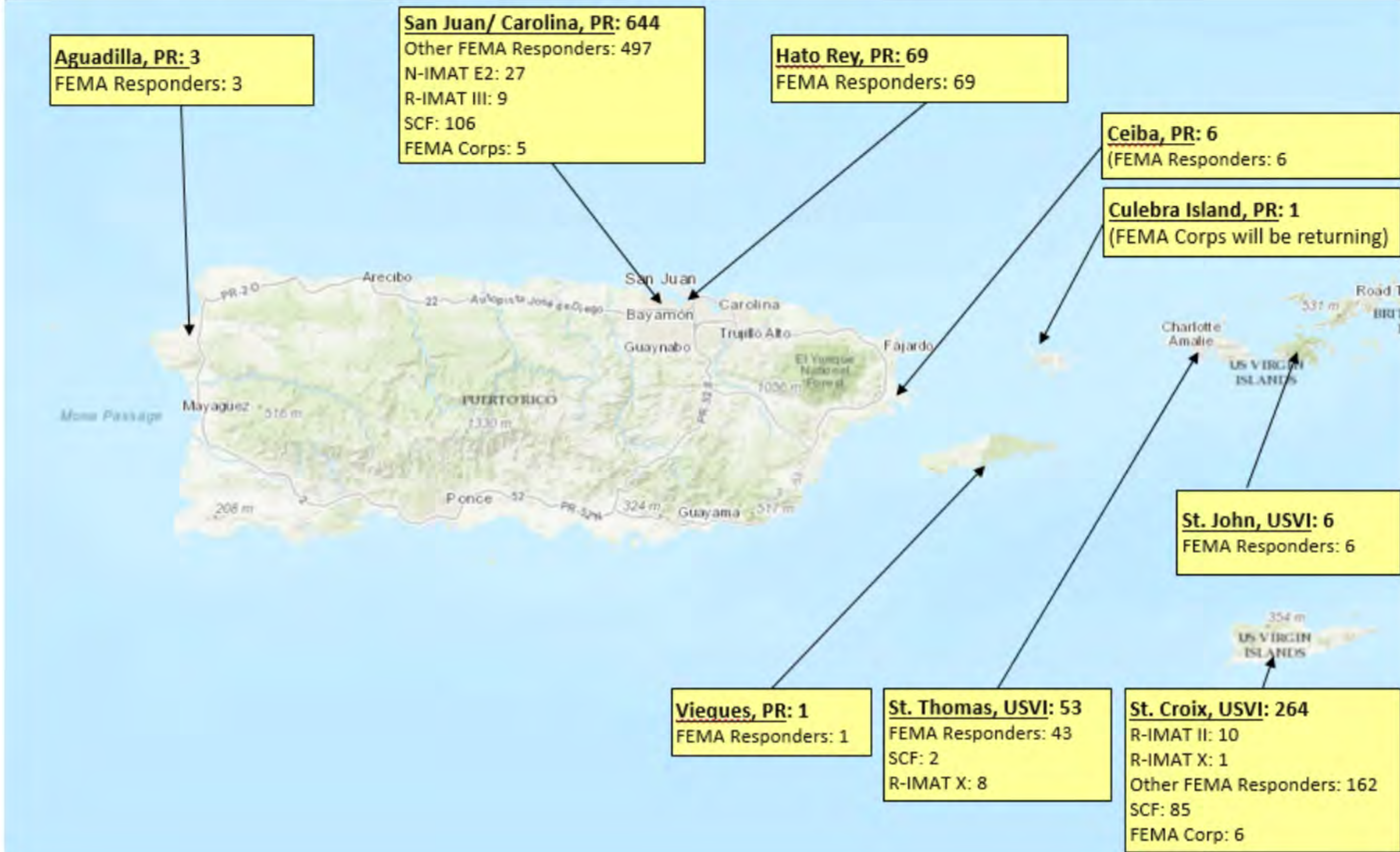
AT SEA:

DOD: USS KEARSARGE; USS OAK HILL; USS WASP
 USCG: 2 Cutters



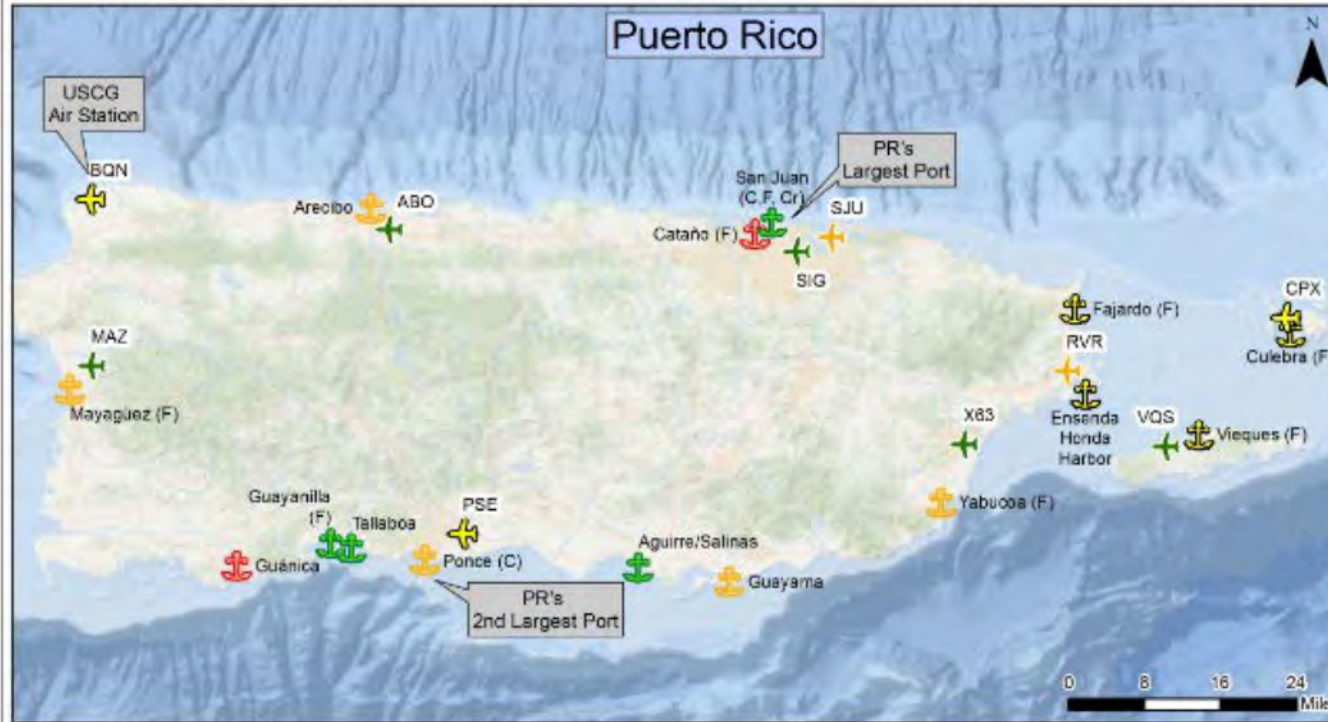
Hurricane Irma/Maria – FEMA Responder Laydown (As of October 2, 2017 2:00 p.m. EDT)

Total FEMA Supporting Hurricane Irma/Maria Actions on Puerto Rico and US Virgin Islands: Responders on the Ground: 1047



Maritime Ports & Airports Status: PR and USVI (02 October 2017, 1700 EDT)

FEMA-DR-4339-PR & FEMA-DR-4340-USVI: Hurricane Maria



Data Layer/Map Description:
This map depicts the status of maritime ports and airports throughout Puerto Rico & the U.S. Virgin Islands.

Airport Status

- Open
- Open with Restrictions
- Military Air and Hurricane Relief Only
- Closed

Maritime Port Status

- Closed
- Daylight Only Operations with Restrictions
- Daylight Only Operations
- Open

(C) Container Handling Port
(F) Fuel Handling Port
(Cr) Cruise Ship Port



Data Sources:
FEMA, ESRI, USCG, FAA

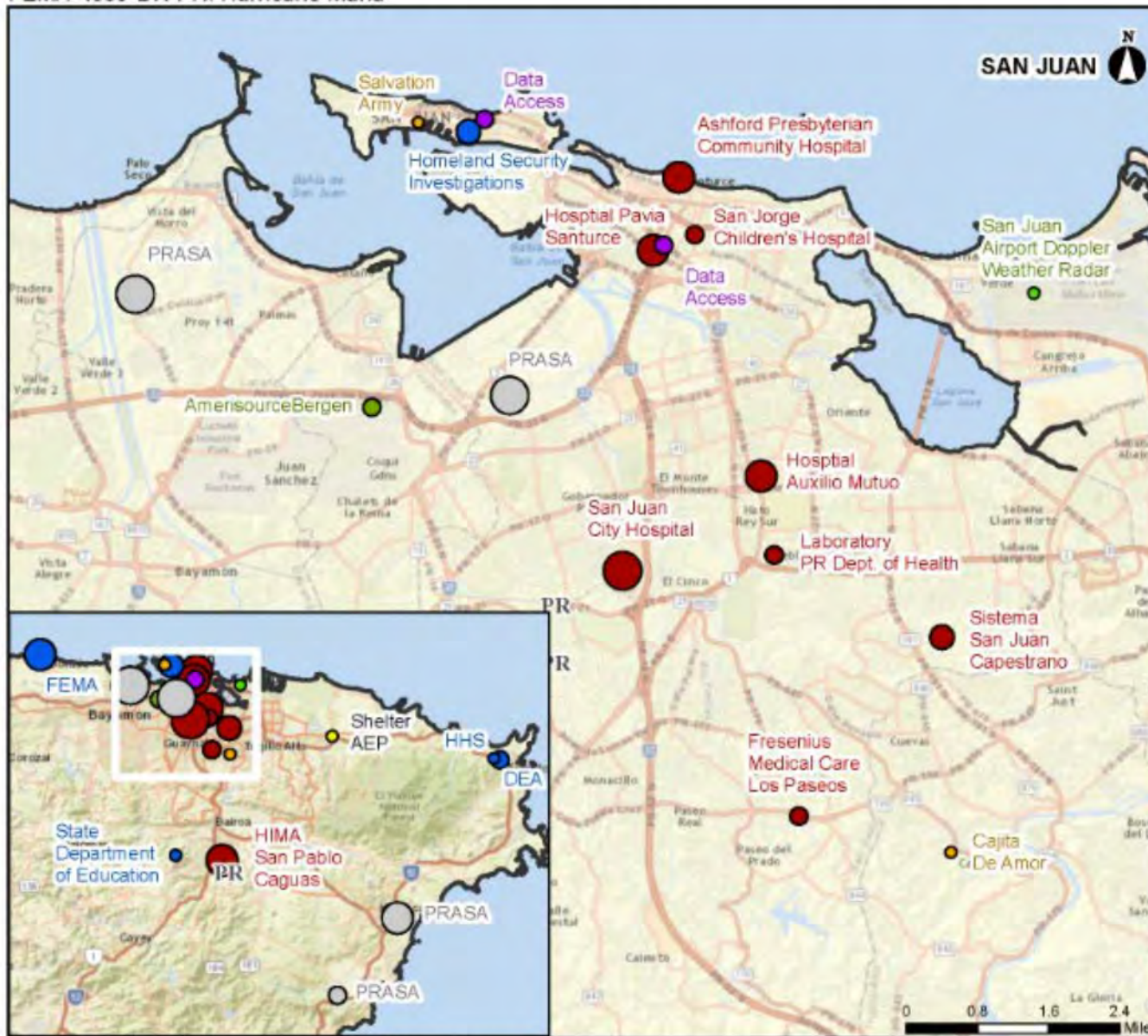
Map Created by: FEMA/NRCC GIS Specialist

Initial Map Creation: 02 October 2017, 1700 EDT

Coordinate System: WGS 1984 World Meridian

Fuel Deliveries Last 24 Hours: (02 October 2017, 1400 EDT)

FEMA-4339-DR-PR: Hurricane Maria



Data Layer/Map Description:
 This map depicts refueled facilities in Puerto Rico. The Fuel Task Force's DOD component and Macro Companies working PREMA emergent requests refueled facilities on **September 30, 2017**. DOD will refuel 31 medical facilities on a 3.5 day cycle.

Total Recipients: 25
Total Fuel (gal): 120,780

Structure Type

- Business
- Communications
- Government
- Hospital
- Housing/Shelter
- Non-Governmental Org.*
- Transportation
- Utility

* Unknown fuel amount - Salvation Army

Diesel Refueled

- 0 - 800 gal
- 801 - 2000 gal
- 2001 - 3500 gal
- 3501 - 6000 gal
- 6001 - 24000 gal

Data Sources: FEMA, ESRI, HHS, DOD

Map Credited by NROC GIS

Initial Map Creation (02 October 2017, 1400 EDT)

Coordinate System: WGS 1984 World Mercator

Hurricane Maria Strategic Hospital Restoration Plan



Hospital Information

- ▲ Tier 1 (1)
- Tier 2 (6)

Note:
Tier 1 is the primary hospital -
Cardinal Health

Note: (#) Shows
total number of hospitals

Hospital Information

- Tier 3 - Open (57)
- Tier 3 - Closed (2)
- ◆ Unknown (1)

Date Sources:
FEMA, ESRI, HHS, Census, DOT
FEMA NRCC GIS Desk

Road Status

- Bridge Obstruction (11)
- Road Obstruction (12)
- Closed - Partial (1)
- Open (3,861)

Total Population

- 0 - 2,075
- 2,076 - 3,421
- 3,422 - 4,799
- 4,800 - 6,701
- 6,702 - 12,755



Puerto Rico Road and Bridge Status (02 October 2017, 1300 EDT)

FEMA-DR-4339-PR



Data Layer/ Map Description:
This map shows bridge status as of: October 1, 2017 and road status as of: October 1, 2017.

Surveyed Road Status

- Open
- Closed - Partial
- Total Closure
- Local Roads

Bridge Status (21)

- 10 ▲ Collapsed / Lost
- 4 ▲ Partially Collapsed / Lost
- 7 ▲ Scour / Partial Closure

Road Obstruction

- ▲ Damaged/Collapsed Bridge (11)
- ▲ Collapsed Road (3)
- ▲ Landslide (8)
- ▲ Lane Closed (1)
- ▲ Sunk sub-base (2)
- ▲ Veg Material & Sediment (1)

Critical Infrastructure

- H Hospitals
- Major Cities
- ✈ Airports
- ⚓ Ports
- ⊠ Helipads

0 4.5 9 13.5

Kilometers

Data Sources:
FEMA, ESRI, USDOT
Puerto Rico Governor's Office



DISCLAIMER:
Road status data based on whole highway segments rather than discrete point or line blockages. Actual accessibility may be greater than displayed for "Closed - Partial" segments.

PREMA Zone	
Zone Number	Zone Name
1	San Juan
2	Vega Baja
3	Arecibo
4	Aguadilla
5	Mayaguez
6	Ponce
7	Utua
8	Comerio
9	Guayama
10	Caguas
11	Humacao
12	Ceiba

Bridge	Town	Carry
653	Canovanas	PR-957
1130	Ciales	PR-145
37	Toa Baja	PR-2
38	Toa Baja	PR-2
635	Toa Baja	PR-165
1078	Juana Diaz	PR-52 (S.R.)
1462	Morovis	PR-567
1385	Quebradillas	PR-476
2766	Juana Diaz	PR-509
599	Ciales	PR-615
672	Arroyo	PR-752
944	Guayanilla	PR-2 (E.B.)
1374	Ciales	PR-149
679	Moca	PR-404
1485	Corozal	PR-802
872	Carolina	PR-857
1657	Toa Alta	PR-861
1352	Ciales	PR-145
1733	San Sebastian	PR-111
256	San Sebastian	PR-119
1692	Villalba	PR-151

Puerto Rico Regional Staging Area (RSA) and Transportation Obstructions

FEMA-DR-4339-PR: (02 October 2017, 1300 EST)



PREMA Zones	
Number	Name
1	San Juan
2	Vega Baja
3	Arecibo
4	Aguadilla
5	Mayaguez
6	Ponce
7	Utua
8	Comerio
9	Guayama
10	Caguas
11	Humacao
12	Ceiba

Data Layer/Map Description:
 This map depicts the Regional Staging Area (RSA) locations and U.S. Department of Transportation bridge and road statuses in Puerto Rico.

- RSA
- Bridge Status**
- ▶ Collapsed / Lost
- ▶ Partially Collapsed / Lost
- ▶ Scour / Partial Closure
- Road Obstruction**
- ▲ Damaged/Collapsed Bridge
- ▲ Collapsed Road
- ▲ Landslide
- ▲ Lane Closed
- ▲ Sunk sub-base
- ▲ Veg Material & Sediment
- PREMA Zone

Data Sources:
 FEMA, DOT, ESRI

Recovery Snapshot
Post-Tropical Cyclone Irma
Monday, October 2, 2017 (5:00 p.m. EDT)
Updates in Blue

Declarations:

- FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 (*Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate*)

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/28: DR-4338	7 counties	All 159 counties (Cat A and B)	75%
Seminole Tribe of Florida	9/27: DR-4341	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/21: DR-4337	48 counties	69 counties (Cat A-G)	75% 100% (Cat B) for 30 days
Alabama	9/11: EM-3389		All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: EM-3386	-	All 46 counties and Catawba Indian Nation (Cat B)	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	<ol style="list-style-type: none"> Deliver Individual Assistance Open Disaster Assistance Centers Conduct IA & PA preliminary damage assessments Public Information 	Not yet reported
Florida	<ol style="list-style-type: none"> Public Assistance (PA) PDAs Housing in Lee, Hendry, and Collier Counties HUD damage assessments Temporary housing Transitional Sheltering Assistance (TSA) Flagler County requesting expediting processing of Category A and B and making funds available immediately. Requested priority assignment from the state for fixed site registration at Flagler Beach and Hammock Communities Request for Direct Housing - DHAT will deploy to the counties to conduct assessments HUD has granted a 90-day moratorium on foreclosures and forbearance on foreclosures of Federal Housing Administration (FHA)-insured home mortgages. Continuing to coordinate with State on STEP. USACE feasibility inspectors are continuing their review of commercial park pads Advanced Planning coordinated with GIS to create an interactive housing map and data sharing between stakeholders EA IGA responded to inquiries from state legislator and local officials, primary focus of inquiries were related to debris removal, contractor procurement, constituent registration concerns and an inspector verification. Developing Innovative Housing Solutions presentation for mission support, planning to Integrating FIU Extreme Events Institute The Economic Housing RSF Team identified several 	<ul style="list-style-type: none"> Staffing Individual Assistance and Disaster Survivor Assistance missions Need more IA Caseworkers for applicants, IA caseworkers need NEMIS/NACS rights Survivors continue to request temporary housing as shelters are closing Debris removal resources Some schools in the Keys will not open until October 2nd Need more language interpreters, Spanish and Creole (Haitian) Flagler County is very low on funding due to Hurricane Matthew and initial Irma response efforts; no reserve funds to draw upon. Frustrations with long wait times and dropped calls when calling the 1-800 FEMA number (capacity) Concern about the lack of information on Housing Strategies/Resources for survivors Hernando County: mosquito concerns Survivors leaving without assistance prior to registering at DRCs due to extreme temperatures and extended wait times (3.5 hour wait times at the DRC in Miami-Dade) Concerns over potential arrival of approximately 3,200 evacuees via cruise ship from Puerto Rico, St. Croix and St. Thomas. Evacuees are scheduled to dock on 3 Oct. in Port Everglades. Need more information from JFO on the coordination for these incoming survivors DSA concerns over inability to check survivor cases

<p>areas of major concern and will begin analysis immediately</p> <p>17. At request of Patrick Air Force Base leadership, DSA conducted on-site registration for military families evacuated from Puerto Rico.</p> <p>18. Initiate the Sheltering and Temporary Emergency Power (STEP) program in Broward, Charlotte, Collier, Glades, Hendry, Lee, Miami-Dade, Monroe and Palm Beach Counties.</p>	<p>on NEMIS</p> <ul style="list-style-type: none"> • The 30 day waiver for electrical work for damaged homes is set to expire Oct 13. Clay County is concerned about homeowners' electricity functionality & home repairs not being up to code. Messaging may be needed • Isolated Thunderstorms could produce gusty winds and brief heavy rains through Sunday 10/01/2017. Survivors concerned about proposed rainfall and threat to already flooded roads and damaged homes.
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Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	<ul style="list-style-type: none"> • Destroyed: 46 structures • Major Damage: 171 structures • Minor Damage: 111 structures • Affected Habitable: 127 structures 	PA PDAs: Total \$29.6 M <ul style="list-style-type: none"> • Category A: \$14.4M • Category B: \$5.5M • Category C: \$4.6M • Category D: \$0.1M • Category E: \$1.6M • Category F: \$1.9M • Category G: \$1.4M
Florida	In process	

Interagency Coordination/Recovery:

- **Recovery Support Function (RSF): Housing Recovery**

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	30,098	\$8,249,642	\$5,550,119	\$2,699,523
Florida	2,107,427	\$687,555,126	\$450,626,229	\$236,998,897
Puerto Rico	4,233	\$296,060	\$141,653	\$154,407
Seminole Tribe of Florida	225	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	7,569	\$4,592	\$4,592	\$0

Housing Inspections <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	21	4,345	1,680	38.7%
Florida	1,297	525,425	117,962	22.5%
Puerto Rico	22	1,295	502	39%
U.S. Virgin Islands	7	5,723	4	0.1%

(Irma) National Flood Insurance Program Claims Estimate <i>(as of 10/02/2017, 2:13 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 22,000	Over \$38,000,000
Georgia	Over 1,800	Over \$3,000,000
South Carolina	Over 2,000	Over \$2,000,000
U.S. Virgin Islands	45	Not yet reported
Puerto Rico	4	Not yet reported
Alabama	1	Not yet reported

- Temporary Housing: FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 *(Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)*

Transitional Sheltering Assistance <i>(as of 10/02/2017, 7:20 a.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible
Florida	9,496	713,124

○ Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	22,557	54%	213	\$9,148,400	\$42,950

○ US Department of Housing and Urban Development (HUD) (as of 10/01/2017)

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130
South Carolina	1	88
Total	181	23,748

Multifamily Housing	Impacted Properties	Units	Assisted Units	Properties w/Moderate or Major Damage	Residents Displaced/ Evacuated	Residents Returned
Florida	910	106,513	45,902	89	614	0
Georgia	50	4,665	2,145	1	150	0
Total	960	111,178	48,047	90	764	0

Public Housing	Impacted Properties	Total Number of Assisted Units	Displaced Households	Returned Households
Florida	656	32,191	6	222
Georgia	7	33,661	0	0
South Carolina	0	13,798	1	1
Total	663	79,650	7	223

Housing Choice Voucher (HCV)	Total Number of Assisted Households	Displaced Households	Returned Households
Florida	100,847	13	14
Georgia	55,639	0	0
South Carolina	25,706	0	0
Total	182,192	13	14

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	1,348	35%	12	\$662,100	\$55,175

○ USDA Risk Management Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million
Largest Crop Liability (amount)	Orange Trees (\$1.1 billion)	Cotton (\$581.2 million)	Coffee (\$932,742)

*PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary of Business.

o USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

Total Combined \$ Loss for Crops/Livestock by Hurricane <i>(as of 09/24/2017, 11:02 a.m. EDT)</i>	
Total Irma Hurricane Total	\$338,272,398

Recovery Snapshot
Post-Tropical Cyclone Harvey
Monday, October 2, 2017 (5:00 p.m. EDT)
Updates in Blue

Declarations:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	9/23: DR-4332	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> 1. Sheltering and temporary housing 2. Debris Removal 3. Collect and disseminate accurate incident information to improve decision-making 4. Accurately track incident costs associated with assigned resources for cost recovery <p style="text-align: right;"><i>(TDEM Sit Rep, September 29, 2017, 8:00 a.m. EDT)</i></p>	Not yet reported

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	21 counties requested, 20 counties complete, 1 county ongoing

Interagency Coordination/Recovery:

• **RSF: Housing Recovery**

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	845,156	\$857,025,608	\$635,725,864	\$221,299,744

Housing Inspections <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,803	511,558	309,174	60.4%

(Harvey) National Flood Insurance Program Claims Estimate <i>(as of 09/29/2017, 1:34 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 88,000	Over \$1 billion
Louisiana	Over 480	Over \$2 billion

Closure Rates: Over 4% of claims have been closed in Texas with over \$42,000,000 paid in closed claims; over 11% of claims have been closed in Louisiana with over \$1,200,000 paid in closed claims

○ Temporary Housing

Transitional Sheltering Assistance <i>(as of 10/02/2017, 7:20 a.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible
Texas	22,125	343,534

○ Small Business Administration (SBA) Home Loans

SBA Home Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	52,586	64%	7,471	\$628,181,700	\$84,083

○ U.S. Department of Housing and Urban Development (HUD) (as of 10/01/2017)

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	20,971	3,224	844
Public and Indian Housing	66	10,965	330	263
HCV	N/A	148,205	813	655
Healthcare and Hospitals	40	5,236	599	501

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	3,589	69%	605	\$57,132,900	\$94,435

○ U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information for Hurricane Harvey (as of 9/23/2017)		
	Texas*	Louisiana **
Liabilities	\$792.4 million	\$133.5 million
Largest crop liability (total)	Cotton (\$352.3 million)	Rice (\$104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon.

++ Information collected from RMA's Summary of Business Reports <http://www.rma.usda.gov/data/sob.html>

○ USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	\$72,961,810

○ USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
159,339	124,991	361,328	\$118,701,657	7,733	10	34	2,873	\$118,704,530

(Recovery Update, September 28, 2017, 11:02 a.m. EDT)

○ Natural Resources Conservation Service

	EWPP Sponsor requests	EQIP Applications	CTA/Employees Providing Assistance
Texas*	5 new, 6-7 previous projects that may need assistance	57	97
Louisiana**	0	0	25

*57 EQIP application for FY17 received to date for TX special sign-ups

**Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP

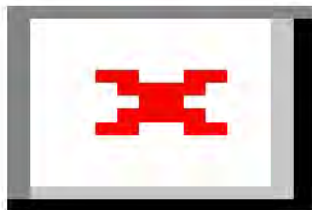
From:	NOC.SWO@HQ.DHS.GOV
CC:	"NOC.SWO@HQ.DHS.GOV"
Subject:	(U//FOUO)-NRCC Senior Leadership Briefing for MARIA, IRMA and HARVEY - 0500 ET 3 Oct 17 (Phase 1 NOC 0664-17)
Date:	2017/10/03 06:49:27
Priority:	Normal
Type:	Note

~~UNCLASSIFIED//FOR OFFICIAL USE ONLY~~

Senior Leadership Briefing and Recovery Snapshots
Tropical Storm Maria and Post-Tropical Cyclones Irma and Harvey

Tuesday, October 3, 2017 (5:00 a.m. EDT)

Updates in Blue



Situation:

Current

Isolated afternoon showers and thunderstorms will be possible across western and northern Puerto Rico, mainly in the afternoon hours today. These storms could have brief, heavy rain. By Wednesday afternoon there will be an increase in interior afternoon thunderstorm activity, then showers develop over coastal sections of southeast Puerto Rico overnight. On Thursday, more widespread moderate to heavy rainfall will occur over interior and northwestern Puerto Rico and the US Virgin Islands, which will lead to local urban and small stream flooding and likely some larger effects on main stem rivers. A flash flood warning remains in effect for northeast Isabela and central Quebradillas because of structural issues for Guajataca Dam. Tropical moisture will increase again toward the end of the week; increasing the threat of widespread heavy rainfall, localized mudslides and debris flows.

Afternoon heat indices will reach into the mid to upper 90s.
(NOAA Update, October 3, 2017, 3:00 a.m. EDT)

Impact Summary:



Population Impacts

Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
PR	16 confirmed fatalities	Shelters: 139 (-6) Pop: 10,063 (-113)	5.4% (+0.4%) of customers have electricity Estimate 20% of transmission towers need to be replaced	One hospital Closed; 66 Hospitals Open 15 (22%) hospitals connected to grid power; 51 are functioning under degraded status VA hospitals: Eight open, one closed	Curfew in effect from 9:00 p.m. to 5:00 a.m.	53 (-5) of 68 Federal Government buildings closed 65% of grocery and big box stores open
USVI	Five confirmed fatalities	USVI Shelters: Seven Pop: 555 St. Thomas: Shelters: Two Pop: 247 St. John: Shelters: Two Pop: 24	Percentage of customers that have electricity: St. Thomas: (15%) St. John: (0%) St. Croix: (10%)	Schneider Regional Medical Center on St. Thomas and Governor Juan Luis on St. Croix condemned; established mobile medical facility in St. Thomas; St. Croix waiting for mobile medical facility to be established, 33 HHS Health and Medical Task Force personnel providing interim support VA hospitals: Both opened October 2	Curfew in place from 6:00 p.m. to 6:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 6:00 p.m. to 10:00 a.m.	Planning for public schools to reopen October 9 15 of 19 Federal Government buildings closed

		St. Croix: Shelters: Three Pop: 284				
<i>As of:</i>	<i>October 1</i>	<i>October 3</i>	<i>October 2</i>	<i>October 3</i>	<i>October 1</i>	<i>October 2</i>
	<i>8:00 p.m. EDT</i>	<i>4:18 a.m. EDT</i>	<i>12:00 p.m. EDT</i>	<i>12:49 a.m. EDT</i>	<i>10:00 p.m. EDT</i>	<i>1:20 p.m. EDT</i>

*ESF-8, ESF-12, ESF-15, PREMA,
VA OHA)*

(ESF-5, ESF-6, ESF-7,

Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
------------------	------------	--------------	--------------	-----------------	--------------	-----------------------

<p>PR</p>	<p>10 of 10 airports open</p> <p>San Juan Airport open for commercial flights</p> <p>Temporary flight restrictions in place for October 3 for POTUS visit</p>	<p>Four ports open: San Juan, Guayanilla, Salinas, Tallaboa</p> <p>Nine (+1) ports open with restrictions: Mayaguez, Arecibo, Fajardo, Vieques, Culebra, Guayama, Ponce, Yabucoa, and Roosevelt Roads</p> <p>One deep water port closed: Guanica (low priority)</p>	<p>17 (+2) roads open</p> <p>1,072 (-2,137) public road incidents reported (landslides, waterway issues, blockages, bridges, etc.)</p>	<p>755 of 1,100 retail gas stations operational</p>	<p>Boil Water Advisory</p> <p>issued island-wide</p> <p>Of 52 waste water treatment plants, nine operational, 19 non-operational, 24 unknown</p> <p>230K people rely on Guajataca Dam for water</p>	<p>11.7% (+.4) of island with cell service; SJU airport restored</p> <p>Public Safety Answer Points (PSAPs)/911 centers operational</p>
<p>USVI</p>	<p>St. Thomas open and receiving commercial aircraft; must contact tower 20 minutes out</p>	<p>St. Thomas Open: Charlotte Amalie, East</p> <p>Gregerie Channel, West Gregerie Channel (Crown Bay)</p> <p>Open with restrictions: Red Hook Bay</p> <p>St. John Open with</p>	<p>Numerous routes partially closed on St. Thomas and St. John.</p> <p>St. Croix: Most highways open with caution</p>	<p>St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane</p>	<p>Boil Water Advisory territory- wide</p> <p>Sampled 66 of 161 public and private water systems on St. Croix to date; 26 systems tested positive for e.</p>	<p>29.2% cell phone coverage in USVI; PSAPs non-operational</p> <p>St. Thomas: 40% (+2) of 55 cell towers operational</p> <p>St. John:</p>

	St. Croix open under special conditions (military flights and air carriers with less than 35 passengers)	restrictions: Cruz Bay St. Croix Open: Frederiksted Open with restrictions: Krause Lagoon, Limetree Bay, Christiansted	All traffic signals on St Thomas and St Croix completely destroyed		coli; 11 have since come into compliance, and remaining 15 require follow-up sampling	No cell towers operational St. Croix: 26.2% (-2.4) of 42 cell towers operational
<i>As of:</i>	<i>October 3</i>	<i>October 3</i>	<i>October 3</i>	<i>October 3</i>	<i>October 2</i>	<i>October 2</i>
	<i>2:20 a.m. EDT</i>	<i>2:20 a.m. EDT</i>	<i>2:20 a.m. EDT</i>	<i>2:20 a.m. EDT</i>	<i>1:48 a.m. EDT</i>	<i>2:50 p.m. EDT</i>

(ESF-1, ESF-2,

ESF-6, ESF-10, ESF-12, PRASA, USCG)



Territory Declaration Declared Counties Individual Assistance Public Assistance Cost Share
PR9/20: DR-433978 municipalities All (Categories A-B) 100% for debris removal and emergency protective measures for 180 days from declaration date
9/10: DR-433612 municipalities 31 municipalities 75%
USVI 9/7: DR-4335 St. Croix, St. John, St. Thomas All (Categories A-G) 100% for debris removal and emergency protective measures for 180 days from declaration date
9/20: DR-4340 St. Croix, St. John, St. Thomas All 75%
Declaration
Activity:

Force Laydown:

Department/Agency	Puerto Rico	U.S. Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF 6)	445	267	*	*	712
Army Corps of Engineers (ESF 3)	122	97	3	65	287
Civil Air Patrol (ESF 5)	30	*	*	*	30

Customs and Border Protection (ESF 5, 9 & 13)	206	5	0	5	216
Department of Agriculture (ESF 11)	1	0	0	0	1
Department of Defense Title 10*	4,667	*	*	*	4,667
Department of Energy (ESF 12)	2	23	0	28	53
Department of the Interior	258	21	45	0	324
Department of Transportation (ESF 1)	4	2	0	28	34
DHS – NPPD / Federal Protective Service	33	3	0	2	38
Environmental Protection Agency (ESF 10)*	21	27	0	0	48
Federal Law Enforcement (ESF 13)	346	5	0	0	351
FEMA Deployed	770	265	6	48	1,089
Urban Search & Rescue (ESF 9)	80	0	0	0	80
Forest Service (ESF 4)	244	20	0	0	264

General Services Administration (ESF 7)	17	0	0	0	17
Health and Human Services (ESF 8)	502	33	14	11	560
Veterans Affairs (ESF 8)	164	0	0	0	164
National Guard Bureau*	4,290	1,099	0	603	5,992
National Weather Service – NOAA	30	0	0	0	30
Small Business Administration (ESF 6)	11	2	0	2	15
Transportation Security Administration (ESF 1)	113	7	0	6	126
United States Coast Guard (ESF 1, 5, 7, 9, 10, 13 & 15)*	1,430	*	*	*	1,430
TOTALS	13,786	1,876	68	798	16,528

**FEMA
Headquarters:**

** DOD personnel numbers include personnel supporting from sea; DOD and NGB numbers not broken out by island*

**Civil Air Patrol flights support all USVI
(Situational Awareness Info Analysis, October 3, 2017, 3:00 a.m. EDT)*

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations

- National Incident Management Assistance Team (IMAT) East-2 at San Juan Convention Center Joint Field Office (JFO)

- Recovery

- Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 6,177 (-83) call center agents available to receive calls
(Recovery Contact Center Surge Staffing Timeline, October 2, 2017, 11:19 a.m. EDT)

- Total Individuals and Households Program Registrations for PR: 114,833 (+23,087) and USVI: 5,262 (+250)
(Open Disaster IA Summary, October 2, 2017, 7:17 a.m. EDT)

-



**RegionJurisdiction# of Request(s)# of States Supporting IIPR62 (0)18 (0) IIOUSVI30
(0)13 (0) Mutual
Aid**

FEMA Region

II:

(EMAC Sit Rep #80, October 2, 2017, 8:00 p.m. EDT)

- Region II RRCC not activated; some RRCC staff supporting NRCC operations

- FEMA Region II IMAT in St. Croix; eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR
(FOD Update, October 2, 2017, 1:50 p.m. EDT)

- Puerto Rico:
 - Emergency Operations Center (EOC) at Full Activation with limited operations and on generator power

 - PR Initial Operating Facility (IOF) open at San Juan Convention Center; General Services Administration anticipates signing a lease making it the Joint Field Office (JFO) by mid-week *(GSA update, October 2, 2017, 10:15 p.m. EDT)*

 - Federal Coordinating Officer (FCO) is Alejandro De La Campa

- U.S. Virgin Islands:

- EOCs on each island at Full Activation
*(RII DSAR, September 27, 2017, 3:00 p.m.
EDT)*

- Lease signed October 1 for USVI JFO location at University of the Virgin Islands in St. Thomas,
anticipate partial opening by October 3
*(GSA Update, October 1, 2017, 3:21 p.m.
EDT)*

- FCO is William Vogel
*(RII DSAR, September 27, 2017, 3:00 p.m.
EDT)*

Interagency Coordination for Puerto Rico:

- ***ESF-1: Transportation***

- Airports:

- Luis Muñoz Marín International Airport (SJU) in San
Juan:

- Temporary Flight Restriction (TFR) in place for SJU airspace October 3 between 11:15 a.m. and
5:45 p.m. EDT; FAA classified the airspace as National Defense Airspace
(ESF 1 Update, October 2, 2017, 12:27

p.m. EDT)

- Flights: 141 departures and 147 arrivals October 1
*(ESF 1 Update, October 2, 2017, 12:27 p.m.
EDT)*

-

Passenger throughput continues to increase; 6,000 outbound passengers processed October 1

(ESF-1

Update, October 2, 2017, 4:00 p.m.

EDT)

-

Roads: PR has 5,073 miles of roads: 388 miles (8%) open, 1,342 (26%) partially open, and 3343 (66%) unknown; unknown due to municipalities not reporting due to communications issues; working with other agencies to observe unknown

areas

-

PR-52 in Ponce: Lanes closed due to bridge damage (km 93.9 in Juana Diaz) from kilometer 88.4 to 95; will build crossover to carry out temporary diversion around damaged bridge; PR Department of

Transportation (DTOP) encouraging drivers to US-1 as detour

-

PR-3: Department of Defense (DOD) clearing from the west, DTOP contractors clearing from the east; work almost complete; will focus on PR-53

next

-

PR-2 in Aguado area: Landslide risk, one lane open

-

Forest Service completed three missions; PR National Guard (PRNG) completed one mission; PR-SAW teams cleared one mile of line along overflow flume for Lake Guajataca

(ESF 1 Update, October 2, 2017, 12:27 p.m.

EDT)

-

United States Army Corps of Engineers (USACE) and fire departments clearing routes to Route 119,

which leads to Guajataca Dam

(ESF-3 Update, October 2, 2017, 10:56 a.m.

EDT)

○
Ports:

■
USCG cutter *Horsley* will conduct a port assessment in Culebra on October 3 (*USCG Update, October 2, 2017, 10:00 p.m. EDT*)

■
13 of 14 deep-water ports fully open or open with restrictions; Guanica remains low priority port due to limited utility for response operations and low impact on commerce
(*USCG Update, October 2, 2017, 10:43 a.m. EDT*)

■
Based on United States Coast Guard (USCG) and National Oceanic and Atmospheric Administration (NOAA) survey results of Roosevelt Roads and Bahia de Puerca port areas:

●
USCG set operating draft of 33 ft. or less and Daylight Operations only for Roosevelt Roads based on bottom survey and lack of electricity

●
Graving Dock area in the Bay of Puerca was not recommended for consideration for use due to an extensive debris field
(*USCG Update, October 2, 2017, 10:43 a.m. EDT*)

■
Critical aids to navigation assessment for PR/USVI is at 100%, 86% operational; remaining aids (14%) on station, but note discrepancies; anticipate correction by October 8
(*USCG Update, October 2, 2017, 9:00 a.m. EDT*)

○
Transit: Eight Autoridad Metropolitana de Autobuses (AMA) routes open from 7:00 a.m. to 5:00 p.m., with 40 buses in service
(*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)

- **ESF-2:
Communications**

- Mobile Emergency Response Support (MERS) teams installed amateur radio antennas at convention center to support American Radio Relay League (ARRL) operators *(ESF-2 Update, October 3, 12:22 a.m. EDT)*

- Telecommunications for October 3 POTUS visit established by MERS *(ESF-2 Update, October 3, 12:25 a.m. EDT)*

- Temporary cell sites providing connectivity to Ponce, Arecibo, Humacao, Rio Grande and Aguadilla; processed more than 100,000 calls and 500,000 texts per day since September 30 *(ESF-2 Update, October 2, 2017, 11:56 p.m. EDT)*

- All carriers have opened their networks so citizens can take advantage of restored cell sites regardless of their service provider; roaming fees waived *(ESF-2 Update, October 2, 2017, 11:56 p.m. EDT)*

- ***ESF-3: Public Works and
Engineering***

- Dams:
Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage *(ESF-3 Update, October 3, 2017, 11:50 p.m. EDT)*

- USGS Landslide Hazards Program examining available imagery to identify landslide extent in drainage basins above Guajataca Dam; real-time hydrological information for the dam available

online, readings show Lake Guajataca water levels remain consistent near the dam

*(DOI Update, October 3,
2017, 1:38 a.m.*

EDT)

•

United States Marine Corps (USMC) rotary wing assets

placed 44 concrete barriers and super sandbag reinforcement along compromised portions of spillway channel October 2;

barrier and sandbag reinforcement continuing October 3, completion date not yet determined

*(ESF-3 Update, October 2,
2017, 11:50 p.m.*

EDT)

•

National Guard Chinook helicopters scheduled to begin sandbag operations October 3rd

*(NGB Update,
October 3, 2017, 2:00 a.m.*

EDT)

•

15

of 17 priority dam inspections complete

(ESF-3 Update, October 2, 2017, 11:50 p.m.

EDT)

○

Temporary

Power:

■

Completed

105 of 184 requested generator pre-installation inspections;

22 installations completed;

4 in progress; 79 generators available on island to be installed *(ESF-3 Update, October 2, 2017, 11:50 p.m.*

EDT)

■

Priority locations for temporary power restoration: Mayaguez la Concepcion Medical Center, Bayamon Public Hospital, and Hospital HIMA San Pablo Fajardo

(ESF-3 Update, October 2, 2017, 10:07 a.m. EDT)

■

United States Coast Guard Cutter (USCGC) Venturous assessed 16 generators at local emergency management center and child refuge center in Vieques and repaired two; repaired fuel truck

which allowed Vieques to deliver fuel on island

(USCG Update, October 2, 2017, 12:59 p.m.

EDT)

○

Debris:

■

Cleared 33 km of Route 605 assignment; remaining 10 km of assignment will be cleared October 3

(ESF-

3 Update, October 2, 2017, 11:50 p.m.

EDT)

■

USACE met with USCG to discuss potential mission assignment to dispose of 150 vessels

■

Working on plan to remove vessel close to infringing on Federal navigation channel at Ponce Harbor

(ESF-3 Update, October 2, 2017, 11:06 a.m. EDT)

○

Temporary
Roofing:

■

Current estimates: 60K roofs
damaged

■

Collected

1,442 Right of Entry (ROE) Agreements *(ESF-3 Update, October 2, 2017, 11:50 p.m.*

EDT)

●

***ESF-4:
Firefighting***

○
One Type-2 IMT (26 personnel) reassigned from St. Croix to PR to support ESF-8; IMT arrived in PR on October 2
(ESF-4 Update, October 3, 2017, 12:21 p.m. EDT)

○
One Type-2 IMT (85 personnel) coordinating resources and assessing firefighting capabilities in support of PR Fire department; assessed 76 of 95 fire stations; PR Fire Department experiencing severe communications problems and electrical grid extensively damaged; almost entire fire department infrastructure without power; many backup generators damaged; ordered necessary supplies and equipment but estimated arrival date unknown
(ESF-4 Update, October 2, 2017, 11:48 a.m. EDT)

●
***ESF-5: Information and
Planning***

○
One National Guard fixed-wing aircraft available for assignment October 2, rotary asset arriving October 3; Five Unclassified Processing, Analysis, and Dissemination (UPAD) units (two in USVI, three in PR) processing imagery for NGB and CAP *(Remote Sensing Update, October 2, 2017, 6:00 p.m. EDT)*

○
Civil Air Patrol (CAP) operating four aircraft conducting remote sensing sorties over PR and USVI; one additional aircraft will arrive October 3
(CAP Update, October 2, 2017, 1:58 p.m. EDT)

- USACE and PRNG conducting an aerial route reconnaissance of approximately 60 km of roads
October
2

(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)

- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***

- 654 (+35) registrations on the American Red Cross (ARC) Safe and Well reunification website

- Voluntary Agency Liaisons coordinating donation of medical supplies by Leon Medical Centers with AmeriCares
(ESF-6 Update, October 3, 2017, 1:04 a.m. EDT)

- Feeding:

- Salvation Army increased number of fixed feeding sites to 12 (+5); continuing mobile feeding with nine canteens; current capacity approximately 10,000 meals per day

- American Red Cross provided 7,000 liters of water and 25,000 shelf stable meals to Baja, Hatillo, Naranjito, Vega Baja and Quebrillas October 2
(ESF-6 Update, October 3, 2017, 1:04 a.m. EDT)

- ESF-7: Logistics Management and Resource

Support

○

Incident Support Bases
(ISBs):

■

Roosevelt Roads Airport and Rafael Hernandez Airport in Aguadilla open for air operations; Ponce Air/Sea port open for operations with sea port restrictions

●

ESF-4 Type-1 IMT (49 personnel) supporting commodity distribution at Rafael Hernandez Airport ISB and identifying logistical needs to support DOD *(ESF-4 Update, October 2, 2017, 3:51 p.m. EDT)*

●

Defense Logistics Agency: Working a requirement for third Deployable Depot capability at Aguadilla, PR

(DoD Update, October 3, 2017, 1:00 a.m.

EDT)

●

Preparing to open Ponce Air/Sea Port and Marine Corps support facility at Blount Island

(ESF-7 Update,

October 2, 2017, 3:10 a.m.

EDT)

○

In addition to 10 Regional Staging Areas (RSAs) for commodities distribution, PR plans to add 23 distribution points within next two days using local armories and guardsmen

(NGB Update, October 3, 2017, 2:00 a.m.

EDT)

○

Commodities: Transitioning to next phase of water and meal support, with greater emphasis on contracts

and Defense Logistics Agency (DLA) support

(ESF-7 Update, October 3, 2017, 3:47 a.m. EDT)

■

First contract barge water deliveries will arrive in San Juan on October 9

*(ESF-7 Update, October 3, 2017, 3:47 a.m.
EDT)*

- Mission Assignment issued for DLA to lease nine 4MW generators to support hospitals across PR;
requested delivery date October 12
*(ESF-7 Update, October 3, 2017, 3:47 a.m.
EDT)*

- USCG transported Mobile Medical Unit and 6K gallon fuel truck to San Juan October 1; meals, water, 45 passengers, and fuel pumping supplies were delivered to San Juan and Borinquen October 2
*(USCG
Update, October 2, 2017, 10:00 p.m.
EDT)*

- C-17 arrived in Aguadilla with four H-60 helicopters to enhance air distribution of commodities across PR; two C-17 also delivered food and water as part of daily commodities delivery
*(DoD Update, October 2, 2017,
1:58 p.m.
EDT)*

- Flights into Puerto Rico October 3:

- Fifteen flights transporting 246K liters of water, 155K meals, tarps, personnel, and Veterans Affairs (VA) Mobile Medical unit
*(MCC Tracking Schedule, October 3, 2017, 3:55 a.m.
EDT)*

- Ships into Puerto Rico:

- USCG cutter Decisive moored at Miami Beach to onload 4K pounds of construction materials, 50 generators, and other humanitarian supplies for delivery to PR on October 5

*(USCG Update, October 2, 2017,
10:00 p.m.
EDT)*

- Responder
Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds	Beds	Beds
				Capacity	Occupied	Open
PR Convention Center	Operational	PR: San Juan	Arrived	1,000	916	84
TS Kennedy	Operational	PR: San Juan	Arrived	600	600	0
TS Empire State	Operational	PR: San Juan	Arrived	650		
La Suprema	En route	PR	10/5	2,200		
Adriana	En route	PR	10/6 - 10/9	302		
Rhapsody	En route	PR	10/10 - 10/12	2,044		
JMC 3330	Secured	PR	10/19	430		
			PR TOTAL:	7,226	1,516	84

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG completed inspection of Rhapsody on October 2; expected to arrive in PR October 10-12 for responder berthing

(USCG Update, October 2, 2017, 10:00 p.m. EDT)

- ***ESF-8: Public Health and Medical Services***

- Federal Incident Management Team (26 individuals) reassigned and arrived in San Juan October 2 to support ESF-8
(ESF-4 Update, October 3, 2017, 1:06 a.m. EDT)

- Hospitals:

- Power restored to fifteen (22%) hospitals (back on electrical grid); 51 hospitals functioning on generator power
(ESF-8 Update, October 3, 2017, 12:49 a.m. EDT)

- PR National Guard provided fuel for generators at Department of Health Laboratory and two hospitals

(NGB Update, October 2, 2017, 1:04 p.m. EDT)

- More than 50 hospitals using Hertz-Armstrong-Marconi (HAM) radio operators for communications

(ESF-2 Update, October 2, 2017, 1:59 p.m. EDT)

- Dialysis Centers:

- 46 of 48 open: 44 fully operational, two partially operational, two closed
(ESF-8 Update, October 3, 2017, 12:49 a.m. EDT)

- FEMA secured private contractor to provide fuel and water exclusively to functional dialysis clinics

(ESF-8 Update, October 1, 2017, 7:00 a.m. EDT)

- Medical vessel USNS Comfort expected to arrive **October 3** with 800 medical personnel and support staff; medical care capabilities include general practice, family medicine, nephrology, and pediatrics; ship is capable of serving 200 patients per day
(DOD Update, October 3, 2017, 4:00 a.m. EDT)

- ***ESF-9: Search and Rescue***

- USCG cutter Tezanos in Ponce to support search and rescue and interagency support; USCG cutter Dixon, previously scheduled to provide support in Vieques October 2, now in for repairs and new date not yet determined *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*

- **ESF-10: Oil and Hazardous Material Response**

- Environmental Protection Agency:

- Eight EPA and PR Department of Health (DPNR) teams assessing community water systems not serviced by Puerto Rico Aqueduct and Sewer Authority (PRASA) October 2 in Caguas; 4% of PR population do not receive service from PRASA *(ESF-10 Update, October 2, 1:48 a.m.)*

EDT)

○

Port

Assessments:

■

USCG conducted rapid assessment field operation to identify vessels for pollution removal operations;

68 vessels were discharging pollutants

(USCG Update, October 2, 2017, 6:26 p.m.

EDT)

●

ESF-11: Agriculture and Natural Resources

○

Five containers of pet food and supplies arrived in PR between September 30th and October 1st

(ESF-11

Update, October 2, 2017, 9:25 p.m.

EDT)

○

Eight-person assessment team from HSUS and EMAC team from NC arrived October 1 to assess pet/animal facilities *(ESF-11 Update, October 2, 2017, 2:00 p.m.*

EDT)

●

ESF-12: Energy

○

Puerto Rico Electric Power Authority (PREPA) expects 15% of customers will have power restored within next two weeks

○

PREPA contracted Whitefish Energy to work on transmission and distribution systems; Whitefish Energy has team in PR and preparing contingent of crews to include those providing mutual aid; staging resources in FL and TX to expedite shipments of restoration materials

■

First Whitefish Energy project will be re-energizing line to a key dam for potable water
(ESF-12 Update, October 2, 2017, 10:47 p.m. EDT)

○

Tanker CT Cork arrived October 2;
maximum capacity 68,183 barrels of fuel *(DOE SitRep #70, October 2, 2017, 1:00*

p.m. EDT)

○

Defense Logistics Agency:
114 fuel trucks and 125 drivers arrived October 2nd
(DLA Update, October 3, 2017, 1:27

a.m. EDT)

○

84 Total Brand gas stations out of 205 operational; Total Brand expects diesel fuel demand to increase from 5% to 25% of its total distribution due to demand for powering generators; as a result, the company increased truck fleet from 13 to 24 to meet demand *(DOE SitRep #70, October 2, 2017, 1:00 p.m. EDT)*

●

ESF-13: Public Safety and Security

○

Four additional Quick Response Teams (25 personnel each) arriving October 4
(ESF-13 Update, October 2, 2017, 6:25

p.m. EDT)

○

Teams continue to support: US&R, Disaster Medical Assistance Teams, and PR Police Department

(ESF-13 Update, October 2, 2017, 1:28 p.m.

EDT)

○

Installed generators at Golden Grove Prison October 1

(ESF-3 Update, October 2, 2017, 10:07 a.m.

EDT)

○

Federal Protective Service conducting advance site security assessments in preparation of POTUS visit

(FPS Update, October 2, 2017, 2:25 p.m.

EDT)

●

***ESF-15: External
Affairs***

○

Intergovernmental Affairs (IGA) identifying Spanish-speaking staff to co-locate with priority municipalities to ensure information flow to PR

Mayors

○

Private

Sector:

■

Assisting FEMA and ESF-8 fuel task force to identify fuel and generator requirements to meet patient respiratory assistance needs at health facilities

■

Coordinated with FEMA Logistics regarding Sears' offer to provide service vans for potential use in response and recovery efforts
(ESF-15 Update, October 2, 2017, 11:15 p.m. EDT)

- ***U.S. Department of Defense (DOD)***

- USS Kearsarge, and USS Oak Hill providing rotary wing support to FEMA mission sets as required; Marines and Sailors integrated with FEMA Task Forces and providing manpower, analysis, route clearance, and commodity distribution support

- USS WASP en route to PR, arrival anticipated October 4 with 10 Navy helicopters and 3 Blackhawks

- Completed 11 strategic airlift flights October 2 to deliver water, meals, and other life-saving and life-sustaining commodities, helicopters, and several army sustainment units; eleven flights scheduled for October 3 to transport meals, water, and additional sandbags for the Guajataca Dam
(DoD Update, October 3, 2017, 1:00 a.m. EDT)

- ***U.S. Department of State (DOS)***

- Fly Away Support Team (FAST) team arrived at the IOF in San Juan, PR October 2
(DOS Update, October 3, 2017, 5:41 a.m. EDT)

- ***National Guard Bureau***

(NGB)

- State-to-state EMAC forces continue to arrive, increasing National Guard footprint in PR to 3,400; 340 additional NG Military Police and Engineer personnel scheduled to arrive October 3 (NGB Update, October 2, 2017, 1:04 p.m. EDT)

- ***Customs and Border Protection***

- Completed 122 air missions for PR and USVI, including logistics (66); imagery, video, and communication (5); personnel relocation (39); and equipment transfer (12) (CBP Update, October 2, 2017, 11:24 a.m. EDT)

- ***U.S. Department of the Interior (DOI)***

- U.S. Fish & Wildlife Service crews from all Caribbean stations continue to clean, remove debris, and assist local communities (DOI Update, October 2, 2017, 11:26 p.m. EDT)

- ***U.S. Postal Service (USPS)***

- Providing mail for pickup or delivery to post office boxes at 101 of 128 post offices, including Vieques and Culebra; alternate locations available to citizens where offices not open (USPS Update, October 2, 2017, 5:05 p.m. EDT)

Interagency Coordination for U.S. Virgin Islands:

- ***ESF-1: Transportation***

- Ocean Carrier (123 beds) located 150 miles from St Thomas October 2, arrival date/time unknown

(ESF-1 Update, October 2, 2017, 7:10 p.m.

EDT)

- Roads: All highways on St. Croix open with at least one lane of traffic; commercial vehicle movement remains limited due to clearance issues with leaning trees and power lines;

- Route 66: Only four-lane divided highway on the island running east to west is fully open all lanes

- Route 70: Main local east to west highway on island is open with a handful of areas where debris restricts to one travel lane

(ESF 1 Update, October 2, 2017, 12:27 p.m.

EDT)

- Debris : 90% of USVI roadways are cleared of debris

(ESF-3 Update, October 2, 2017, 10:56 a.m.

EDT)

- Mahagony Road impassible; still need to assess Mahagony Road and Bridges

(ESF-1 Update, October 1, 2017, 2:21

p.m. EDT)

- Ports:

- NOAA vessel Thomas Jefferson completed survey of Christiansted, St Croix; port now open with restrictions

(USCG Update, October 2, 2017, 7:10 p.m.

EDT)

■

All nine deep-water ports fully open or open with restrictions

(USCG Update, October 2, 2017, 4:53 p.m. EDT)

●

ESF-2:

Communications

○

Set up 18 WIFI hotspots throughout

USVI

○

St. John: MERS issued 14 very high frequency (VHF) radios to support first responder networks and provided a High Frequency (HF) antenna to New York State

Police

○

St Thomas: Team replaced very small aperture terminal (VSAT) system supporting EOC due to inclement weather; MERS mechanics maintaining vehicles, generators, and shelter support equipment on regular basis

○

St. Croix: Assisted with registration of PIV cards for FEMA EOC members; assisted Governor's staff with installation of VSAT system being used to support live feed video conferences; collaborated with communications service providers to determine issues causing satellite communications irregularities

(ESF-2

Update, October 2, 2017, 10:23 a.m.

EDT)

●

***ESF-3: Public Works and
Engineering***

○

Temporary

Power:

- Completed
135 of 174 requested pre-installation inspections;
25 generators installed to date;
73 generators available on island to be installed
(ESF-3 Update, October 2, 2017, 11:50 p.m. EDT)

- Debris:

- 90% of USVI roadways cleared of debris; debris removal expected to begin October 10
(ESF-3 Update, October 2, 2017, 11:50 p.m. EDT)

- Debris Subject Matter Experts coordinating with the USVI Department of Planning and Natural Resources (DPNR) for approval of temporary debris disposal sites
(ESF-3 Update, October 2, 2017, 10:13 a.m. EDT)

- Temporary Roofing

- Current blue roof estimates: St. Croix: 5K, St. Thomas: 7K, and St. John: 1K

- Collected
1,375 Right of Entry Agreements; assessed 148 homes, installed 47 roofs
(ESF-3 Update, October 2, 2017, 11:50 p.m. EDT)

- Work order issued for Myra Keating Medical Facility roof on St. Johns; work to begin October 3

*(ESF-3
Update, October 2, 2017, 11:50 p.m.
EDT)*

- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***

- Ninety-seven (+2)
registrations on the American Red Cross (ARC) website
(ESF-6 Update, October 3, 2017, 1:04 a.m. EDT)

- Feeding:

- Salvation Army working to distribute 21,600 food boxes provided by FEMA throughout St. Thomas, St. Croix, and St. John

- ARC distributed 97 bulk items and served 2,045 meals and 221 snacks October 2
(ESF-6 Update, October 2, 2017, 2:19 p.m. EDT)

- ESF-7: Logistics Management and Resource Support

- Preparing to open ISBs in St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal); staging materials for lots
(ESF-7 Update, September 29, 2017, 2:46 p.m. EDT)

- Commodities:

- Planning to ship 1,152 rolls of Blue Roof Plastic Sheeting from Miami, FL to St. Croix October 2,

will
confirm morning of October 3 *(ESF-7 Update, October 2, 2017, 3:10 a.m.
EDT)*

- Vehicles: General Services Administration (GSA) Fleet sourced 50 government vehicles for St. Thomas and St. Croix; will transport via barge from New Jersey, departing October 6 *(GSA Update, October 2, 2017, 6:54*

p.m. EDT)

- DLA

- Shipment of approximately 15K gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed *(DLA Update, October 2, 2017, 5:00 a.m.
EDT)*

- Researching requirement for additional 4 water pumps and 5 water trucks

- Working requirement for up to 500,000 water jugs to USVI *(DLA Update, October 3, 2017, 1:27 a.m.
EDT)*

- Received requirement for 30 additional generators for St. Thomas *(DOD Update, October 2, 2017, 1:58 p.m.
EDT)*

- USCG flights delivered Transitional Sheltering Assistance (TSA) cash to St. Thomas and was scheduled to transport TSA cash and communications gear to St. Croix on October 2 (will confirm morning of October 3) (*USCG Update, October 3, 2017, 3:47 a.m. EDT*)

- Seven flights into USVI October 3:

- St. Thomas:
Three flights transporting EMAC resources and 26K boxed meals (*MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT*)

- St. Croix:
Six flights transporting 80K meals and 150K liters of water (*MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT*)

- Responder
Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,700	1,173 (+36)	527
SS Wright	Operational	USVI: St. Thomas	Arrived	315	184 (+4)	131
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	46 (-6)	150
Ocean Carrier	En route	USVI: St. Thomas	10/8	123		
Azura	En route	USVI: St. Thomas	10/10 – 10/12	1,808		
		TOTAL:		4,142	1,403	808

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG inspected Azura October 2; expected to arrive in the USVI October 10-12 for responder berthing

(USCG Update, October 2, 2017, 10:00 p.m. EDT)

- **ESF-8: Public Health and Medical Services**

- Royal Caribbean ship departed September 29 for Ft. Lauderdale, transporting 3,188 passengers from St. Croix (533), St. John and St. Thomas (533), and San Juan (1,791) and 121 pets; will arrive October 3 *(ESF-8 Update, October 3, 2017, 12:49 a.m. EDT)*

- ESF-9: Search and Rescue

- USCGC Napier in Sector San Juan awaiting deployment to USVI to provide maritime SAR coverage and interagency support *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*

- ***ESF-10: Oil and Hazardous Material Response***

- Sampled 66 of 161 public and private water systems on St. Croix to date; 26 systems tested positive for e. coli; 11 have since come into compliance, and remaining 15 require follow-up sampling

- DPRN and USCG established Unified Command, working on plan to address pollution response and marine debris removal operations; ESF-10 teams to arrive in St. Croix October 5 *(ESF-10 Update, October 2, 6:26 p.m. EDT)*

- USVI Department of Planning and Natural Resources (DPRN) and EPA will commence water sampling on St. Thomas and St. John October 4 *(ESF-10 Update, October 2, 10:53 a.m. EDT)*

- ESF-11: Agriculture and Natural Resources

- Only Food Safety Inspection Service facility, privately owned, remains closed due to lack of power and potable water
(ESF-11 Update, October 3, 2017, 5:00 a.m. EDT)

- ESF-12:
Energy

- Four Western Area Power Administration vehicles scheduled to arrive in port at St. Thomas on October 8

(ESF-12 Update, October 2, 2017, 1:30 p.m. EDT)

- ***U.S. Department of Defense
(DOD)***

- Dual Status Command has been dissolved on USVI

- Completed 4 strategic airlift flights October 2 to deliver generators, medical supplies, and other EMAC resources
(DoD Update, October 3, 2017, 1:00 a.m. EDT)

- Enroute Patient Staging System, Joint Patient Movement Regulating Team, and Critical Care Air Transport Team in St. Croix to redeploy to CONUS on October 3
(DoD Update, October 3, 2017, 1:00 a.m. EDT)

- ***U.S. Department of State
(DOS)***

- DoS deemed offer of assistance from Mexico to be diplomatically critical; FEMA determining which of the items offered are needed *(FIAA Update, October 3, 2017, 1:13 a.m. EDT)*

- Two-man advance Denmark Emergency Management Agency team arriving in St. Croix October 3, will collaborate with FEMA to better understand current situation and match capabilities offered by Denmark against requirements on the ground *(FIAA Update, October 2, 2017, 10:55p.m.)*

- U.S. Department of the Interior (DOI)

- National Park Service and USACE coordinating to develop contract for debris removal and disposal at the Virgin Islands National Park *(DOI Update, October 2, 2017, 11:26 p.m. EDT)*

- ***U.S. Postal Service (USPS)***

- Providing mail for pickup or delivery to post office boxes at five of six offices in St. Croix, three of five offices in St. Thomas, and the only office in St. Johns; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Quantity			
	Meals	Tarps	Water
St. Thomas	3,462,785	15,485	1,840,213
St. Croix	738,960	10,000	427,000

USVI Total	4,201,745	25,485	2,267,213
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(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Total Arrived Quantity					
	Meals	Tarps	Water	Generator	Cots
PR	5,352,744	5,000	5,386,638	278	22,202

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Recovery Snapshot
Post-Tropical Cyclone Irma

Tuesday, October 3, 2017 (5:00 a.m. EDT)

Updates in Blue

Declarations:

- FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017
(Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share

Region IV

Georgia	9/28: <i>DR-4338</i>	7 counties	All 159 counties (Cat A and B)	75%
Seminole Tribe of Florida	9/27: <i>DR-4341</i>	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/21: <i>DR-4337</i>	48 counties	69 counties (Cat A-G)	75% 100% (Cat B) for 30 days
Alabama	9/11: <i>EM-3389</i>	-	All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: <i>EM-3386</i>	-	All 46 counties and Catawba Indian Nation (Cat B)	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	<ol style="list-style-type: none">1. Deliver Individual Assistance2. Open Disaster Assistance Centers3. Conduct IA &PA preliminary damage assessments4. Public Information	Not yet reported

Florida

1.
Public Assistance (PA)
PDAs

•
Staffing
Individual Assistance and Disaster
Survivor Assistance
missions

2.
Housing in Lee, Hendry, and Collier
Counties

•
Need more IA Caseworkers
for applicants,
IA caseworkers need NEMIS/NACS
rights

3.
HUD damage
assessments

4.
Temporary
housing

•
Survivors continue to request temporary housing
as shelters are
closing

5.
Transitional Sheltering Assistance
(TSA)

•
Debris removal
resources

8.
Flagler County requesting expediting processing of
Category A and B and making funds available
immediately. Requested priority assignment from
the state for fixed site registration at
Flagler Beach and Hammock
Communities

•
Some schools in the Keys will not open
until

October 2nd

9.
Request for Direct Housing - DHAT will deploy
to
the counties to conduct assessments

•
**Need more language interpreters, Spanish
and Creole
(Haitian)**

10.
HUD has granted a 90-day moratorium on
foreclosures and forbearance on foreclosures of
Federal Housing Administration (FHA)-insured
home
mortgages.

•
Flagler County
is very low on funding due to
Hurricane Matthew and initial Irma response
efforts;
no reserve funds to draw upon.

11.

•

<p>Continuing to coordinate with State on STEP.</p>	<p>Frustrations with long wait times and dropped calls when calling the 1-800 FEMA number (capacity)</p>
<p>12. USACE feasibility inspectors are continuing their review of commercial park pads</p>	<ul style="list-style-type: none"> • Concern about the lack of information on Housing Strategies/Resources for survivors
<p>13. Advanced Planning coordinated with GIS to create an interactive housing map and data sharing between stakeholders</p>	<ul style="list-style-type: none"> • Hernando County: mosquito concerns
<p>14. EA IGA responded to inquiries from state legislator and local officials, primary focus of inquiries were related to debris removal, contractor procurement, constituent registration concerns and an inspector verification.</p>	<ul style="list-style-type: none"> • Survivors leaving without assistance prior to registering at DRCs due to extreme temperatures and extended wait times (3.5 hour wait times at the DRC in Miami-Dade)
<p>15. Developing Innovative Housing Solutions presentation for mission support, planning to Integrating FIU Extreme Events Institute</p>	<ul style="list-style-type: none"> • Concerns over potential arrival of approximately 3,200 evacuees via cruise ship from Puerto Rico, St. Croix and St. Thomas. Evacuees are scheduled to dock on 3 Oct. in Port Everglades. Need more information from JFO on the coordination for these incoming survivors
<p>16. The Economic Housing RSF Team identified several</p>	<p>information from JFO on the coordination for these incoming survivors</p>

	<p>areas of major concern and will begin analysis immediately</p> <p>17. At request of Patrick Air Force Base leadership, DSA conducted on-site registration for military families evacuated from Puerto Rico.</p> <p>18. Initiate the Sheltering and Temporary Emergency Power (STEP) program in Broward, Charlotte, Collier, Glades, Hendry, Lee, Miami-Dade, Monroe and Palm Beach Counties.</p>	<ul style="list-style-type: none"> • DSA concerns over inability to check survivor cases on NEMIS • The 30 day waiver for electrical work for damaged homes is set to expire Oct 13. Clay County is concerned about homeowners' electricity functionality & home repairs not being up to code. Messaging may be needed • Isolated Thunderstorms could produce gusty winds and brief heavy rains through Sunday 10/01/2017. Survivors concerned about proposed rainfall and threat to already flooded roads and damaged homes.
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Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	<ul style="list-style-type: none"> • Destroyed: 46 structures • Major Damage: 171 structures • Minor Damage: 111 structures • Affected Habitable: 127 structures 	<p>PA PDAs: Total \$29.6 M</p> <ul style="list-style-type: none"> • Category A: \$14.4M • Category B: \$5.5M • Category C: \$4.6M • Category D: \$0.1M • Category E: \$1.6M • Category F: \$1.9M • Category G:

		\$1.4M
Florida	In process	

Interagency Coordination/Recovery:

- *Recovery Support Function (RSF): Housing Recovery*

Individual Assistance

(as of 10/02/2017, 7:04 a.m.
EDT)

State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	30,098	\$8,249,642	\$5,550,119	\$2,699,523
Florida	2,107,427	\$687,555,126	\$450,626,229	\$236,998,897
Puerto Rico	4,233	\$296,060	\$141,653	\$154,407

Seminole Tribe of Florida	225	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	7,569	\$4,592	\$4,592	\$0

Housing Inspections

(as of 10/02/2017, 7:04 a.m.

EDT)

State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	21	4,345	1,680	38.7%
Florida	1,297	525,425	117,962	22.5%
Puerto Rico	22	1,295	502	39%
U.S. Virgin Islands	7	5,723	4	0.1%

(Irma) National Flood Insurance Program Claims Estimate

(as of 10/02/2017, 5:05 p.m. EDT)

State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 22,000	Over \$28,000,000
Georgia	Over 1,800	Over \$2,000,000

South Carolina	Over 2,000	Over \$1,100,000
U.S Virgin Islands	49	Not yet reported
Puerto Rico	4	Not yet reported
Alabama	1	Not yet reported

○ Temporary Housing: FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017
(Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)

Transitional Sheltering Assistance <i>(as of 10/02/2017, 11:34 p.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible

Florida	9,565	725,561
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○ Small Business Administration (SBA) Home Loans

SBA Home Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	22,557	54%	213	\$9,148,400	\$42,950

○

US Department of Housing and Urban Development (HUD)
(as of
10/01/2017)

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130

South Carolina	1	88
Total	181	23,748

Multifamily Housing	Impacted Properties	Units	Assisted Units	Properties w/ Moderate or Major Damage	Residents Displaced/ Evacuated	Residents Returned
Florida	910	106,513	45,902	89	614	0
Georgia	50	4,665	2,145	1	150	0
Total	960	111,178	48,047	90	764	0

Public Housing	Impacted Properties	Total Number of Assisted Units	Displaced Households	Returned Households
Florida	656	32,191	6	222
Georgia	7	33,661	0	0
South Carolina	0	13,798	1	1
Total	663	79,650	7	223

Housing Choice Voucher (HCV)	Total Number of Assisted Households	Displaced Households	Returned Households
Florida	100,847	13	14
Georgia	55,639	0	0
South Carolina	25,706	0	0

Total	182,192	13	14
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- ***RSF: Economic Recovery***

- SBA Business Loans

SBA Business Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
Hurricane	Applications Received	% Processed	Applications Approved	Loans Approved	Average Loan Amount

Irma	1,348	35%	12	\$662,100	\$55,175
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○
 USDA Risk Management
 Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million

Largest Crop Liability (amount)	Orange Trees (\$1.1 billion)	Cotton (\$581.2 million)	Coffee (\$932,742)
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**PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary*

of Business.

- USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

Total Combined \$ Loss for Crops/Livestock by Hurricane

(as of 09/24/2017, 11:02 a.m. EDT)

Total Irma Hurricane Total	\$338,272,398
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Recovery Snapshot

Post-Tropical Cyclone Harvey

Tuesday, October 3, 2017 (5:00 a.m. EDT)

Updates in Blue

Declarations:

State/Region	Declaration	Declared Counties		
		Individual	Public Assistance	Cost Share

Assistance				
Region VI				
Texas	9/23: DR-4332	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> 1. Sheltering and temporary housing 2. Debris Removal 3. Collect and disseminate accurate incident information to improve decision-making 	Not yet reported

4.
Accurately track incident costs associated with assigned resources for cost recovery

(TDEM Sit Rep, September 29, 2017, 8:00 a.m. EDT)

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	21 counties requested, 20 counties complete, 1 county ongoing

Interagency Coordination/Recovery:

•

***RSF: Housing
Recovery***

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	847,856	\$ 875,717,790	\$ 651,805,944	\$ 223,911,845

Housing Inspections *(as of 10/02/2017, 7:04 a.m. EDT)*

State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,844	511,644	317,232	62%

(Harvey) National Flood Insurance Program Claims Estimate

(as of 10/02/2017, 5:05 p.m. EDT)

State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 88,000	Over \$1 billion
Louisiana	Over 480	Over \$2 million

- Temporary Housing

Transitional Sheltering Assistance *(as of 10/02/2017, 3:35 p.m. EDT)*

State	Households Checked In to Hotel	Eligible
Texas	21,869	344,283

- Small Business Administration (SBA) Home Loans

SBA Home Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount

Texas	52,586	64%	7,471	\$628,181,700	\$84,083
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○
U.S.
Department of
Housing and
Urban Development
(HUD) *(as
of 10/01/2017)*

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	20,971	3,224	844
Public and Indian Housing	66	10,965	330	263
HCV	N/A	148,205	813	655
Healthcare and Hospitals	40	5,236	599	501

- ***RSF: Economic Recovery***

- SBA Business Loans

SBA Business Loans *(as of 10/01/2017, 8:08a.m. EDT)*

State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	3,589	69%	605	\$57,132,900	\$94,435

○
 U.S. Department of Agriculture (USDA) Risk Management
 Agency

State Specific Crop Insurance Information for Hurricane Harvey

(as of 9/23/2017)

	Texas*	Louisiana **
Liabilities	\$792.4 million	\$133.5 million
Largest crop liability (total)	Cotton (\$352.3 million)	Rice (\$104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

*** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon*

++ Information collected from RMA's Summary of Business Reports

<http://www.rma.usda.gov/data/sob.html>

○
USDA Farm Service
Agency

Total Combined \$ Amount Loss for Crops/livestock by State

Sept 18-Sept 22: Texas	\$72,961,810
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○



New Apps Taken New Approved Households Denied Supplements Approved Total New +
Ongoing Benefits Households Persons Total Benefits Households Persons Total Benefits
159,339 124,991 361,328 \$118,701,657 77,733 103 42,873 \$118,704,530 USDA
Disaster Supplemental Nutrition Assistance Program
(D-SNAP)

(Recovery Update, September 28, 2017, 11:02 a.m. EDT)

o



EWPP Sponsor requests EQIP Applications CTA/ Employees Providing Assistance Texas*5 new, 6-7 previous projects that may need assistance 5797 Louisiana**0025 Natural Resources Conservation Service

**57 EQIP application for FY17 received to date for TX special sign-ups*

***Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP*

(b)(6)

Senior Watch Officer

DHS National Operations Center

(b)(6)

Sender:	NOC.SWO@HQ.DHS.GOV
Recipient:	"NOC.SWO@HQ.DHS.GOV"
Sent Date:	2017/10/03 06:47:59
Delivered Date:	2017/10/03 06:49:27

Senior Leadership Briefing and Recovery Snapshots

Tropical Storm Maria and Post-Tropical Cyclones Irma and Harvey

Tuesday, October 3, 2017 (5:00 a.m. EDT)
Updates in Blue

Current Situation:

Isolated afternoon showers and thunderstorms will be possible across western and northern Puerto Rico, mainly in the afternoon hours today. These storms could have brief, heavy rain. By Wednesday afternoon there will be an increase in interior afternoon thunderstorm activity, then showers develop over coastal sections of southeast Puerto Rico overnight. On Thursday, more widespread moderate to heavy rainfall will occur over interior and northwestern Puerto Rico and the US Virgin Islands, which will lead to local urban and small stream flooding and likely some larger effects on main stem rivers. A flash flood warning remains in effect for northeast Isabela and central Quebradillas because of structural issues for Guajataca Dam. Tropical moisture will increase again toward the end of the week; increasing the threat of widespread heavy rainfall, localized mudslides and debris flows. Afternoon heat indices will reach into the mid to upper 90s. (NOAA Update, October 3, 2017, 3:00 a.m. EDT)



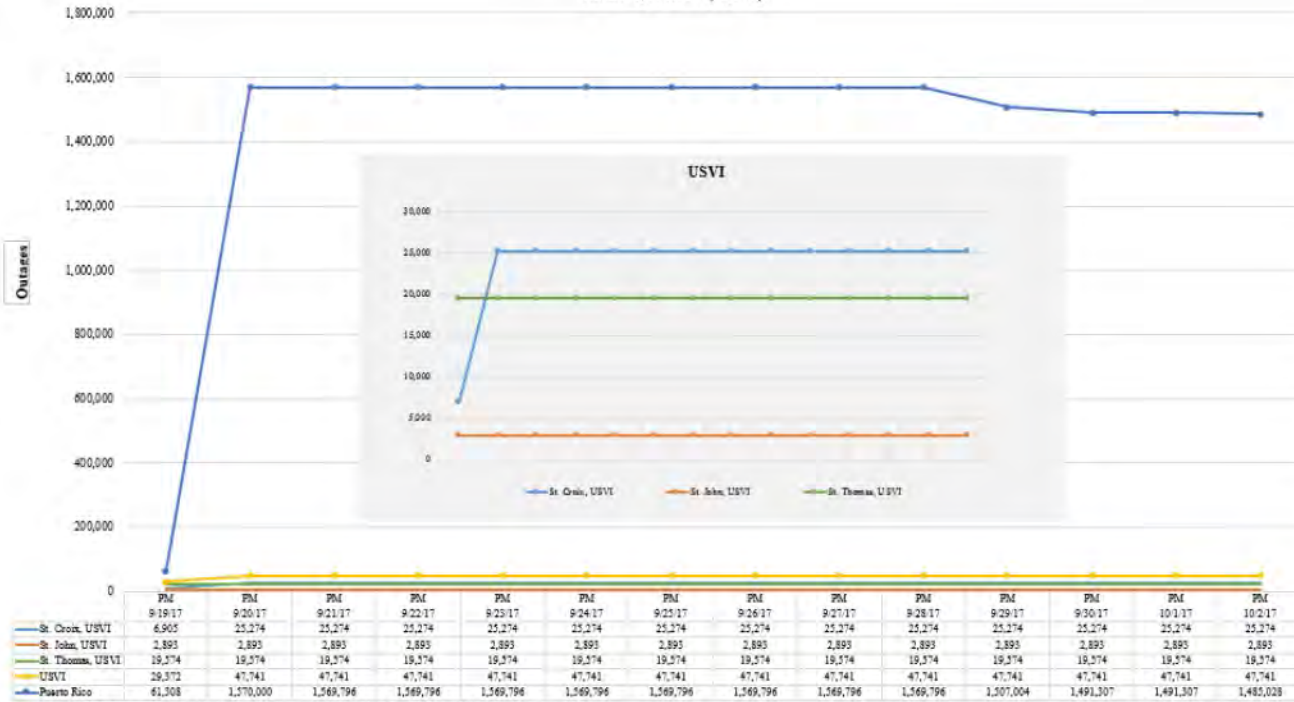
Impact Summary:

Population Impacts

Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
PR	16 confirmed fatalities	Shelters: 139 (-6) Pop: 10,063 (-113)	5.4% (+0.4%) of customers have electricity Estimate 20% of transmission towers need to be replaced	One hospital Closed; 66 Hospitals Open 15 (22%) hospitals connected to grid power; 51 are functioning under degraded status VA hospitals: Eight open, one closed	Curfew in effect from 9:00 p.m. to 5:00 a.m.	53 (-5) of 68 Federal Government buildings closed 65% of grocery and big box stores open
USVI	Five confirmed fatalities	USVI Shelters: Seven Pop: 555 St. Thomas: Shelters: Two Pop: 247 St. John: Shelters: Two Pop: 24 St. Croix: Shelters: Three Pop: 284	Percentage of customers that have electricity: St. Thomas: (15%) St. John: (0%) St. Croix: (10%)	Schneider Regional Medical Center on St. Thomas and Governor Juan Luis on St. Croix condemned; established mobile medical facility in St. Thomas; St. Croix waiting for mobile medical facility to be established, 33 HHS Health and Medical Task Force personnel providing interim support VA hospitals: Both opened October 2	Curfew in place from 6:00 p.m. to 6:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 6:00 p.m. to 10:00 a.m.	Planning for public schools to reopen October 9 15 of 19 Federal Government buildings closed
As of:	October 1 8:00 p.m. EDT	October 3 4:18 a.m. EDT	October 2 12:00 p.m. EDT	October 3 12:49 a.m. EDT	October 1 10:00 p.m. EDT	October 2 1:20 p.m. EDT

(ESF-5, ESF-6, ESF-7, ESF-8, ESF-12, ESF-15, PREMA, VA OHA)

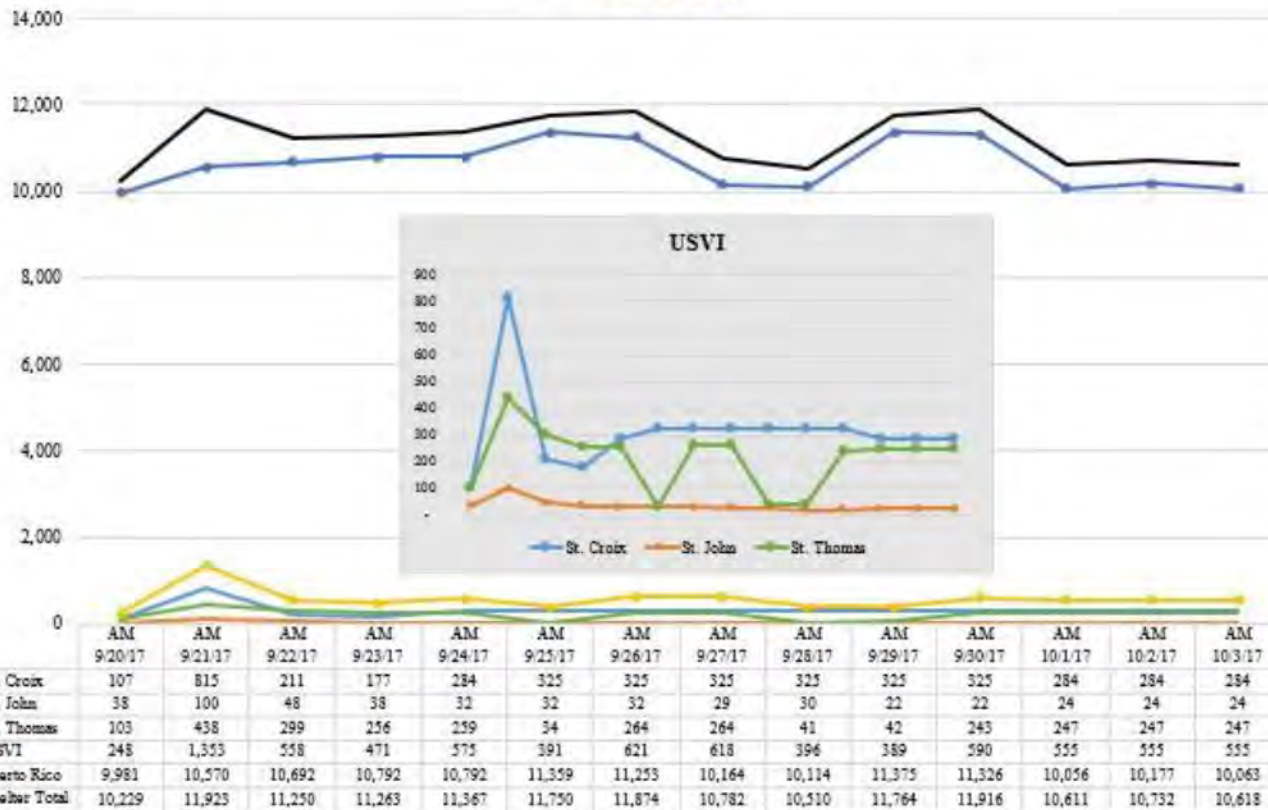
Power Outages
Total: 1,580,510 (-6,279)



*Due to ongoing restoration efforts, the USVI power numbers reflect initial outage reporting. Updates will be provided as they become available.

REP-11 Update, October 02, 2017, 1:11 p.m. EDT

Shelter Population
Total: 10,618 (-114)



*Due to limited communications, there are delays in regular shelter reporting. Updates will be provided as they become available.

REP-6 Update, October 02, 2017, 4:00 a.m. EDT

Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
PR	<p>10 of 10 airports open</p> <p>San Juan Airport open for commercial flights</p> <p>Temporary flight restrictions in place for October 3 for POTUS visit</p>	<p>Four ports open: San Juan, Guayanilla, Salinas, Tallaboa</p> <p>Nine (+1) ports open with restrictions: Mayaguez, Arecibo, Fajardo, Vieques, Culebra, Guayama, Ponce, Yabucoa, and Roosevelt Roads</p> <p>One deep water port closed: Guanica (low priority)</p>	<p>17 (+2) roads open</p> <p>1,072 (-2,137) public road incidents reported (landslides, waterway issues, blockages, bridges, etc.)</p>	<p>755 of 1,100 retail gas stations operational</p>	<p>Boil Water Advisory issued island-wide</p> <p>Of 52 waste water treatment plants, nine operational, 19 non-operational, 24 unknown</p> <p>230K people rely on Guajataca Dam for water</p>	<p>11.7% (+.4) of island with cell service; service around SJU airport restored</p> <p>Public Safety Answer Points (PSAPs)/911 centers operational</p>
USVI	<p>St. Thomas open and receiving commercial aircraft; must contact tower 20 minutes out</p> <p>St. Croix open under special conditions (military flights and air carriers with less than 35 passengers)</p>	<p>St. Thomas Open: Charlotte Amalie, East Gregerie Channel, West Gregerie Channel (Crown Bay)</p> <p>Open with restrictions: Red Hook Bay</p> <p>St. John Open with restrictions: Cruz Bay</p> <p>St. Croix Open: Frederiksted Open with restrictions: Krause Lagoon, Limetree Bay, Christiansted</p>	<p>Numerous routes partially closed on St. Thomas and St. John.</p> <p>St. Croix: Most highways open with caution</p> <p>All traffic signals on St. Thomas and St. Croix completely destroyed</p>	<p>St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane</p>	<p>Boil Water Advisory territory-wide</p> <p>Sampled 66 of 161 public and private water systems on St. Croix to date; 26 systems tested positive for e. coli; 11 have since come into compliance, and remaining 15 require follow-up sampling</p>	<p>29.2% cell phone coverage in USVI; PSAPs non-operational</p> <p>St. Thomas: 40% (+2) of 55 cell towers operational</p> <p>St. John: No cell towers operational</p> <p>St. Croix: 26.2% (-2.4) of 42 cell towers operational</p>
<i>As of:</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 3 2:20 a.m. EDT</i>	<i>October 2 1:48 a.m. EDT</i>	<i>October 2 2:50 p.m. EDT</i>

(ESF-1, ESF-2, ESF-6, ESF-10, ESF-12, PRASA, USCG)

Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	78 municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/10: DR-4336	12 municipalities	31 municipalities	75%
USVI	9/7: DR-4335	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from declaration date
	9/20: DR-4340	St. Croix, St. John, St. Thomas	All	75%

(FEMA Declarations Unit, October 2, 2017, 12:37 p.m. EDT)

Force Laydown:

Department/Agency	Puerto Rico	U.S. Virgin Islands			Totals
		St. Croix	St. John	St. Thomas	
American Red Cross (ESF 6)	445	267	*	*	712
Army Corps of Engineers (ESF 3)	122	97	3	65	287
Civil Air Patrol (ESF 5)	30	*	*	*	30
Customs and Border Protection (ESF 5, 9 & 13)	206	5	0	5	216
Department of Agriculture (ESF 11)	1	0	0	0	1
Department of Defense Title 10*	4,667	*	*	*	4,667
Department of Energy (ESF 12)	2	23	0	28	53
Department of the Interior	258	21	45	0	324
Department of Transportation (ESF 1)	4	2	0	28	34
DHS – NPPD / Federal Protective Service	33	3	0	2	38
Environmental Protection Agency (ESF 10)*	21	27	0	0	48
Federal Law Enforcement (ESF 13)	346	5	0	0	351
FEMA Deployed	770	265	6	48	1,089
Urban Search & Rescue (ESF 9)	80	0	0	0	80
Forest Service (ESF 4)	244	20	0	0	264
General Services Administration (ESF 7)	17	0	0	0	17
Health and Human Services (ESF 8)	502	33	14	11	560
Veterans Affairs (ESF 8)	164	0	0	0	164
National Guard Bureau*	4,290	1,099	0	603	5,992
National Weather Service - NOAA	30	0	0	0	30
Small Business Administration (ESF 6)	11	2	0	2	15
Transportation Security Administration (ESF 1)	113	7	0	6	126
United States Coast Guard (ESF 1, 5, 7, 9, 10, 13 & 15)*	1,430	*	*	*	1,430
TOTALS	13,786	1,876	68	798	16,528

* DOD personnel numbers include personnel supporting from sea; DOD and NGB numbers not broken out by island

*Civil Air Patrol flights support all USVI

(Situational Awareness Info Analysis, October 3, 2017, 3:00 a.m. EDT)

FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation), 24/7 operations
- National Incident Management Assistance Team (IMAT) East-2 at San Juan Convention Center Joint Field Office (JFO)
- **Recovery**
 - Strategic Workforce Augmentation Team taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 6,177 (-83) call center agents available to receive calls (Recovery Contact Center Surge Staffing Timeline, October 2, 2017, 11:19 a.m. EDT)
 - Total Individuals and Households Program Registrations for PR: 114,833 (+23,087) and USVI: 5,262 (+250) (Open Disaster IA Summary, October 2, 2017, 7:17 a.m. EDT)
- **Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	62 (0)	18 (0)
II	USVI	30 (0)	13 (0)

(EMAC Sit Rep #80, October 2, 2017, 8:00 p.m. EDT)

FEMA Region II:

- Region II RRCC not activated; some RRCC staff supporting NRCC operations
- FEMA Region II IMAT in St. Croix; eight Region X IMAT members in St. Thomas, one in St. Croix; Region III IMAT in PR (FOD Update, October 2, 2017, 1:50 p.m. EDT)
- **Puerto Rico:**
 - Emergency Operations Center (EOC) at Full Activation with limited operations and on generator power
 - PR Initial Operating Facility (IOF) open at San Juan Convention Center; General Services Administration anticipates signing a lease making it the Joint Field Office (JFO) by mid-week (GSA update, October 2, 2017, 10:15 p.m. EDT)
 - Federal Coordinating Officer (FCO) is Alejandro De La Campa

- **U.S. Virgin Islands:**

- EOCs on each island at Full Activation (*RII DSAR, September 27, 2017, 3:00 p.m. EDT*)
- Lease signed October 1 for USVI JFO location at University of the Virgin Islands in St. Thomas, anticipate partial opening by October 3 (*GSA Update, October 1, 2017, 3:21 p.m. EDT*)
- FCO is William Vogel (*RII DSAR, September 27, 2017, 3:00 p.m. EDT*)

- **Interagency Coordination for Puerto Rico:**

- **ESF-1: Transportation**

- Airports:
 - Luis Muñoz Marín International Airport (SJU) in San Juan:
 - Temporary Flight Restriction (TFR) in place for SJU airspace October 3 between 11:15 a.m. and 5:45 p.m. EDT; FAA classified the airspace as National Defense Airspace (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - Flights: 141 departures and 147 arrivals October 1 (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - Passenger throughput continues to increase; 6,000 outbound passengers processed October 1 (*ESF-1 Update, October 2, 2017, 4:00 p.m. EDT*)
- Roads: PR has 5,073 miles of roads: 388 miles (8%) open, 1,342 (26%) partially open, and 3343 (66%) unknown; unknown due to municipalities not reporting due to communications issues; working with other agencies to observe unknown areas
 - PR-52 in Ponce: Lanes closed due to bridge damage (km 93.9 in Juana Diaz) from kilometer 88.4 to 95; will build crossover to carry out temporary diversion around damaged bridge; PR Department of Transportation (DTOP) encouraging drivers to US-1 as detour
 - PR-3: Department of Defense (DOD) clearing from the west, DTOP contractors clearing from the east; work almost complete; will focus on PR-53 next
 - PR-2 in Aguado area: Landslide risk, one lane open
 - Forest Service completed three missions; PR National Guard (PRNG) completed one mission; PR-SAW teams cleared one mile of line along overflow flume for Lake Guajataca (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)
 - United States Army Corps of Engineers (USACE) and fire departments clearing routes to Route 119, which leads to Guajataca Dam (*ESF-3 Update, October 2, 2017, 10:56 a.m. EDT*)
- Ports:
 - USCG cutter *Horsley* will conduct a port assessment in Culebra on October 3 (*USCG Update, October 2, 2017, 10:00 p.m. EDT*)
 - 13 of 14 deep-water ports fully open or open with restrictions; Guanica remains low priority port due to limited utility for response operations and low impact on commerce (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Based on United States Coast Guard (USCG) and National Oceanic and Atmospheric Administration (NOAA) survey results of Roosevelt Roads and Bahia de Puerca port areas:
 - USCG set operating draft of 33 ft. or less and Daylight Operations only for Roosevelt Roads based on bottom survey and lack of electricity
 - Graving Dock area in the Bay of Puerca was not recommended for consideration for use due to an extensive debris field (*USCG Update, October 2, 2017, 10:43 a.m. EDT*)
 - Critical aids to navigation assessment for PR/USVI is at 100%, 86% operational; remaining aids (14%) on station, but note discrepancies; anticipate correction by October 8 (*USCG Update, October 2, 2017, 9:00 a.m. EDT*)
- Transit: Eight Autoridad Metropolitana de Autobuses (AMA) routes open from 7:00 a.m. to 5:00 p.m., with 40 buses in service (*ESF 1 Update, October 2, 2017, 12:27 p.m. EDT*)

- **ESF-2: Communications**

- Mobile Emergency Response Support (MERS) teams installed amateur radio antennas at convention center to support American Radio Relay League (ARRL) operators (*ESF-2 Update, October 3, 12:22 a.m. EDT*)
- Telecommunications for October 3 POTUS visit established by MERS (*ESF-2 Update, October 3, 12:25 a.m. EDT*)
- Temporary cell sites providing connectivity to Ponce, Arecibo, Humacao, Rio Grande and Aguadilla; processed more than 100,000 calls and 500,000 texts per day since September 30 (*ESF-2 Update, October 2, 2017, 11:56 p.m. EDT*)
- All carriers have opened their networks so citizens can take advantage of restored cell sites regardless of their service provider; roaming fees waived (*ESF-2 Update, October 2, 2017, 11:56 p.m. EDT*)

- **ESF-3: Public Works and Engineering**

- Dams: Guajataca Dam spillway eroding; immediate risk reduction measures ongoing to stabilize dam spillway and clear outlet blockage (*ESF-3 Update, October 3, 2017, 11:50 p.m. EDT*)
 - USGS Landslide Hazards Program examining available imagery to identify landslide extent in drainage basins above Guajataca Dam; real-time hydrological information for the dam available online, readings show Lake Guajataca water levels remain consistent near the dam (*DOI Update, October 3, 2017, 1:38 a.m. EDT*)
 - United States Marine Corps (USMC) rotary wing assets placed 44 concrete barriers and super sandbag reinforcement along compromised portions of spillway channel October 2; barrier and sandbag reinforcement continuing October 3, completion date not yet determined (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - National Guard Chinook helicopters scheduled to begin sandbag operations October 3rd (*NGB Update, October 3, 2017, 2:00 a.m. EDT*)
 - 15 of 17 priority dam inspections complete (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
- Temporary Power:
 - Completed 105 of 184 requested generator pre-installation inspections; 22 installations completed; 4 in progress; 79 generators available on island to be installed (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - Priority locations for temporary power restoration: Mayaguez la Concepcion Medical Center, Bayamon Public Hospital, and Hospital HIMA San Pablo Fajardo (*ESF-3 Update, October 2, 2017, 10:07 a.m. EDT*)
 - United States Coast Guard Cutter (USCGC) Venturous assessed 16 generators at local emergency management center and child refuge center in Vieques and repaired two; repaired fuel truck which allowed Vieques to deliver fuel on island (*USCG Update, October 2, 2017, 12:59 p.m. EDT*)
- Debris:
 - Cleared 33 km of Route 605 assignment; remaining 10 km of assignment will be cleared October 3 (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - USACE met with USCG to discuss potential mission assignment to dispose of 150 vessels
 - Working on plan to remove vessel close to infringing on Federal navigation channel at Ponce Harbor (*ESF-3 Update, October 2, 2017, 11:06 a.m. EDT*)
- Temporary Roofing:
 - Current estimates: 60K roofs damaged
 - Collected 1,442 Right of Entry (ROE) Agreements (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)

- **ESF-4: Firefighting**

- One Type-2 IMT (26 personnel) reassigned from St. Croix to PR to support ESF-8; IMT arrived in PR on October 2 (*ESF-4 Update, October 3, 2017, 12:21 p.m. EDT*)
- One Type-2 IMT (85 personnel) coordinating resources and assessing firefighting capabilities in support of PR Fire department; assessed 76 of 95 fire stations; PR Fire Department experiencing severe communications problems and electrical grid extensively damaged; almost entire fire department infrastructure without power; many backup generators damaged; ordered necessary supplies and equipment but estimated arrival date unknown (*ESF-4 Update, October 2, 2017, 11:48 a.m. EDT*)

- **ESF-5: Information and Planning**

- One National Guard fixed-wing aircraft available for assignment October 2, rotary asset arriving October 3; Five Unclassified Processing, Analysis, and Dissemination (UPAD) units (two in USVI, three in PR) processing imagery for NGB and CAP (*Remote Sensing Update, October 2, 2017, 6:00 p.m. EDT*)
- Civil Air Patrol (CAP) operating four aircraft conducting remote sensing sorties over PR and USVI; one additional aircraft will arrive October 3 (*CAP Update, October 2, 2017, 1:58 p.m. EDT*)
- USACE and PRNG conducting an aerial route reconnaissance of approximately 60 km of roads October 2 (*ESF-3 Update, October 2, 2017, 10:56 a.m. EDT*)

- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**

- 654 (+35) registrations on the American Red Cross (ARC) Safe and Well reunification website
- Voluntary Agency Liaisons coordinating donation of medical supplies by Leon Medical Centers with AmeriCares (*ESF-6 Update, October 3, 2017, 1:04 a.m. EDT*)

- Feeding:
 - Salvation Army increased number of fixed feeding sites to 12 (+5); continuing mobile feeding with nine canteens; current capacity approximately 10,000 meals per day
 - American Red Cross provided 7,000 liters of water and 25,000 shelf stable meals to Baja, Hatillo, Naranjito, Vega Baja and Quebrillas October 2 *(ESF-6 Update, October 3, 2017, 1:04 a.m. EDT)*
- **ESF-7: Logistics Management and Resource Support**
 - Incident Support Bases (ISBs):
 - Roosevelt Roads Airport and Rafael Hernandez Airport in Aguadilla open for air operations; Ponce Air/Sea port open for operations with sea port restrictions
 - ESF-4 Type-1 IMT (49 personnel) supporting commodity distribution at Rafael Hernandez Airport ISB and identifying logistical needs to support DOD *(ESF-4 Update, October 2, 2017, 3:51 p.m. EDT)*
 - Defense Logistics Agency: Working a requirement for third Deployable Depot capability at Aguadilla, PR *(DoD Update, October 3, 2017, 1:00 a.m. EDT)*
 - Preparing to open Ponce Air/Sea Port and Marine Corps support facility at Blount Island *(ESF-7 Update, October 2, 2017, 3:10 a.m. EDT)*
 - In addition to 10 Regional Staging Areas (RSAs) for commodities distribution, PR plans to add 23 distribution points within next two days using local armories and guardsmen *(NGB Update, October 3, 2017, 2:00 a.m. EDT)*
 - Commodities: Transitioning to next phase of water and meal support, with greater emphasis on contracts and Defense Logistics Agency (DLA) support *(ESF-7 Update, October 3, 2017, 3:47 a.m. EDT)*
 - First contract barge water deliveries will arrive in San Juan on October 9 *(ESF-7 Update, October 3, 2017, 3:47 a.m. EDT)*
 - Mission Assignment issued for DLA to lease nine 4MW generators to support hospitals across PR; requested delivery date October 12 *(ESF-7 Update, October 3, 2017, 3:47 a.m. EDT)*
 - USCG transported Mobile Medical Unit and 6K gallon fuel truck to San Juan October 1; meals, water, 45 passengers, and fuel pumping supplies were delivered to San Juan and Borinquen October 2 *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*
 - C-17 arrived in Aguadilla with four H-60 helicopters to enhance air distribution of commodities across PR; two C-17 also delivered food and water as part of daily commodities delivery *(DoD Update, October 2, 2017, 1:58 p.m. EDT)*
 - Flights into Puerto Rico October 3:
 - Fifteen flights transporting 246K liters of water, 155K meals, tarps, personnel, and Veterans Affairs (VA) Mobile Medical unit *(MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT)*
 - Ships into Puerto Rico:
 - USCG cutter Decisive moored at Miami Beach to onload 4K pounds of construction materials, 50 generators, and other humanitarian supplies for delivery to PR on October 5 *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*
 - Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	1,000	916	84
TS Kennedy	Operational	PR: San Juan	Arrived	600	600	0
TS Empire State	Operational	PR: San Juan	Arrived	650		
La Suprema	En route	PR	10/5	2,200		
Adriana	En route	PR	10/6 - 10/9	302		
Rhapsody	En route	PR	10/10 - 10/12	2,044		
JMC 3330	Secured	PR	10/19	430		
			PR TOTAL:	7,226	1,516	84

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG completed inspection of Rhapsody on October 2; expected to arrive in PR October 10-12 for responder berthing *(USCG Update, October 2, 2017, 10:00 p.m. EDT)*

- **ESF-8: Public Health and Medical Services**
 - Federal Incident Management Team (26 individuals) reassigned and arrived in San Juan October 2 to support ESF-8 (*ESF-4 Update, October 3, 2017, 1:06 a.m. EDT*)
 - Hospitals:
 - Power restored to fifteen (22%) hospitals (back on electrical grid); 51 hospitals functioning on generator power (*ESF-8 Update, October 3, 2017, 12:49 a.m. EDT*)
 - PR National Guard provided fuel for generators at Department of Health Laboratory and two hospitals (*NGB Update, October 2, 2017, 1:04 p.m. EDT*)
 - More than 50 hospitals using Hertz-Armstrong-Marconi (HAM) radio operators for communications (*ESF-2 Update, October 2, 2017, 1:59 p.m. EDT*)
 - Dialysis Centers:
 - 46 of 48 open: 44 fully operational, two partially operational, two closed (*ESF-8 Update, October 3, 2017, 12:49 a.m. EDT*)
 - FEMA secured private contractor to provide fuel and water exclusively to functional dialysis clinics (*ESF-8 Update, October 1, 2017, 7:00 a.m. EDT*)
 - Medical vessel USNS Comfort expected to arrive October 3 with 800 medical personnel and support staff; medical care capabilities include general practice, family medicine, nephrology, and pediatrics; ship is capable of serving 200 patients per day (*DOD Update, October 3, 2017, 4:00 a.m. EDT*)
- **ESF-9: Search and Rescue**
 - USCG cutter Tezanos in Ponce to support search and rescue and interagency support; USCG cutter Dixon, previously scheduled to provide support in Vieques October 2, now in for repairs and new date not yet determined (*USCG Update, October 2, 2017, 10:00 p.m. EDT*)
- **ESF-10: Oil and Hazardous Material Response**
 - Environmental Protection Agency:
 - Eight EPA and PR Department of Health (DPNR) teams assessing community water systems not serviced by Puerto Rico Aqueduct and Sewer Authority (PRASA) October 2 in Caguas; 4% of PR population do not receive service from PRASA (*ESF-10 Update, October 2, 1:48 a.m. EDT*)
 - Port Assessments:
 - USCG conducted rapid assessment field operation to identify vessels for pollution removal operations; 68 vessels were discharging pollutants (*USCG Update, October 2, 2017, 6:26 p.m. EDT*)
- **ESF-11: Agriculture and Natural Resources**
 - Five containers of pet food and supplies arrived in PR between September 30th and October 1st (*ESF-11 Update, October 2, 2017, 9:25 p.m. EDT*)
 - Eight-person assessment team from HSUS and EMAC team from NC arrived October 1 to assess pet/animal facilities (*ESF-11 Update, October 2, 2017, 2:00 p.m. EDT*)
- **ESF-12: Energy**
 - Puerto Rico Electric Power Authority (PREPA) expects 15% of customers will have power restored within next two weeks
 - PREPA contracted Whitefish Energy to work on transmission and distribution systems; Whitefish Energy has team in PR and preparing contingent of crews to include those providing mutual aid; staging resources in FL and TX to expedite shipments of restoration materials
 - First Whitefish Energy project will be re-energizing line to a key dam for potable water (*ESF-12 Update, October 2, 2017, 10:47 p.m. EDT*)
 - Tanker CT Cork arrived October 2; maximum capacity 68,183 barrels of fuel (*DOE SitRep #70, October 2, 2017, 1:00 p.m. EDT*)
 - Defense Logistics Agency: 114 fuel trucks and 125 drivers arrived October 2nd (*DLA Update, October 3, 2017, 1:27 a.m. EDT*)
 - 84 Total Brand gas stations out of 205 operational; Total Brand expects diesel fuel demand to increase from 5% to 25% of its total distribution due to demand for powering generators; as a result, the company increased truck fleet from 13 to 24 to meet demand (*DOE SitRep #70, October 2, 2017, 1:00 p.m. EDT*)
- **ESF-13: Public Safety and Security**
 - Four additional Quick Response Teams (25 personnel each) arriving October 4 (*ESF-13 Update, October 2, 2017, 6:25 p.m. EDT*)
 - Teams continue to support: US&R, Disaster Medical Assistance Teams, and PR Police Department (*ESF-13 Update, October 2, 2017, 1:28 p.m. EDT*)

- Installed generators at Golden Grove Prison October 1 *(ESF-3 Update, October 2, 2017, 10:07 a.m. EDT)*
- Federal Protective Service conducting advance site security assessments in preparation of POTUS visit *(FPS Update, October 2, 2017, 2:25 p.m. EDT)*
- **ESF-15: External Affairs**
 - Intergovernmental Affairs (IGA) identifying Spanish-speaking staff to co-locate with priority municipalities to ensure information flow to PR Mayors
 - Private Sector:
 - Assisting FEMA and ESF-8 fuel task force to identify fuel and generator requirements to meet patient respiratory assistance needs at health facilities
 - Coordinated with FEMA Logistics regarding Sears' offer to provide service vans for potential use in response and recovery efforts *(ESF-15 Update, October 2, 2017, 11:15 p.m. EDT)*
- **U.S. Department of Defense (DOD)**
 - USS Kearsarge, and USS Oak Hill providing rotary wing support to FEMA mission sets as required; Marines and Sailors integrated with FEMA Task Forces and providing manpower, analysis, route clearance, and commodity distribution support
 - USS WASP en route to PR, arrival anticipated October 4 with 10 Navy helicopters and 3 Blackhawks
 - Completed 11 strategic airlift flights October 2 to deliver water, meals, and other life-saving and life-sustaining commodities, helicopters, and several army sustainment units; eleven flights scheduled for October 3 to transport meals, water, and additional sandbags for the Guajataca Dam *(DoD Update, October 3, 2017, 1:00 a.m. EDT)*
- **U.S. Department of State (DOS)**
 - Fly Away Support Team (FAST) team arrived at the IOF in San Juan, PR October 2 *(DOS Update, October 3, 2017, 5:41 a.m. EDT)*
- **National Guard Bureau (NGB)**
 - State-to-state EMAC forces continue to arrive, increasing National Guard footprint in PR to 3,400; 340 additional NG Military Police and Engineer personnel scheduled to arrive October 3 *(NGB Update, October 2, 2017, 1:04 p.m. EDT)*
- **Customs and Border Protection**
 - Completed 122 air missions for PR and USVI, including logistics (66); imagery, video, and communication (5); personnel relocation (39); and equipment transfer (12) *(CBP Update, October 2, 2017, 11:24 a.m. EDT)*
- **U.S. Department of the Interior (DOI)**
 - U.S. Fish & Wildlife Service crews from all Caribbean stations continue to clean, remove debris, and assist local communities *(DOI Update, October 2, 2017, 11:26 p.m. EDT)*
- **U.S. Postal Service (USPS)**
 - Providing mail for pickup or delivery to post office boxes at 101 of 128 post offices, including Vieques and Culebra; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Interagency Coordination for U.S. Virgin Islands:

- **ESF-1: Transportation**
 - Ocean Carrier (123 beds) located 150 miles from St Thomas October 2, arrival date/time unknown *(ESF-1 Update, October 2, 2017, 7:10 p.m. EDT)*
 - Roads: All highways on St. Croix open with at least one lane of traffic; commercial vehicle movement remains limited due to clearance issues with leaning trees and power lines;
 - Route 66: Only four-lane divided highway on the island running east to west is fully open all lanes
 - Route 70: Main local east to west highway on island is open with a handful of areas where debris restricts to one travel lane *(ESF 1 Update, October 2, 2017, 12:27 p.m. EDT)*
 - Debris : 90% of USVI roadways are cleared of debris *(ESF-3 Update, October 2, 2017, 10:56 a.m. EDT)*
 - Mahogany Road impassible; still need to assess Mahogany Road and Bridges *(ESF-1 Update, October 1, 2017, 2:21 p.m. EDT)*

- Ports:
 - NOAA vessel Thomas Jefferson completed survey of Christiansted, St Croix; port now open with restrictions (*USCG Update, October 2, 2017, 7:10 p.m. EDT*)
 - All nine deep-water ports fully open or open with restrictions (*USCG Update, October 2, 2017, 4:53 p.m. EDT*)
- **ESF-2: Communications**
 - Set up 18 WIFI hotspots throughout USVI
 - St. John: MERS issued 14 very high frequency (VHF) radios to support first responder networks and provided a High Frequency (HF) antenna to New York State Police
 - St Thomas: Team replaced very small aperture terminal (VSAT) system supporting EOC due to inclement weather; MERS mechanics maintaining vehicles, generators, and shelter support equipment on regular basis
 - St. Croix: Assisted with registration of PIV cards for FEMA EOC members; assisted Governor's staff with installation of VSAT system being used to support live feed video conferences; collaborated with communications service providers to determine issues causing satellite communications irregularities (*ESF-2 Update, October 2, 2017, 10:23 a.m. EDT*)
- **ESF-3: Public Works and Engineering**
 - Temporary Power:
 - Completed 135 of 174 requested pre-installation inspections; 25 generators installed to date; 73 generators available on island to be installed (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - Debris:
 - 90% of USVI roadways cleared of debris; debris removal expected to begin October 10 (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - Debris Subject Matter Experts coordinating with the USVI Department of Planning and Natural Resources (DPNR) for approval of temporary debris disposal sites (*ESF-3 Update, October 2, 2017, 10:13 a.m. EDT*)
 - Temporary Roofing
 - Current blue roof estimates: St. Croix: 5K, St. Thomas: 7K, and St. John: 1K
 - Collected 1,375 Right of Entry Agreements; assessed 148 homes, installed 47 roofs (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
 - Work order issued for Myra Keating Medical Facility roof on St. Johns; work to begin October 3 (*ESF-3 Update, October 2, 2017, 11:50 p.m. EDT*)
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - Ninety-seven (+2) registrations on the American Red Cross (ARC) website (*ESF-6 Update, October 3, 2017, 1:04 a.m. EDT*)
 - Feeding:
 - Salvation Army working to distribute 21,600 food boxes provided by FEMA throughout St. Thomas, St. Croix, and St. John
 - ARC distributed 97 bulk items and served 2,045 meals and 221 snacks October 2 (*ESF-6 Update, October 2, 2017, 2:19 p.m. EDT*)
- **ESF-7: Logistics Management and Resource Support**
 - Preparing to open ISBs in St. Thomas (Cyril E. King Airport) and St. Croix (Limetree Bay Terminal); staging materials for lots (*ESF-7 Update, September 29, 2017, 2:46 p.m. EDT*)
 - Commodities:
 - Planning to ship 1,152 rolls of Blue Roof Plastic Sheeting from Miami, FL to St. Croix October 2, will confirm morning of October 3 (*ESF-7 Update, October 2, 2017, 3:10 a.m. EDT*)
 - Vehicles: General Services Administration (GSA) Fleet sourced 50 government vehicles for St. Thomas and St. Croix; will transport via barge from New Jersey, departing October 6 (*GSA Update, October 2, 2017, 6:54 p.m. EDT*)
 - DLA
 - Shipment of approximately 15K gallons of propane expected to arrive October 5; will proceed to St. Thomas and St. Croix as needed (*DLA Update, October 2, 2017, 5:00 a.m. EDT*)
 - Researching requirement for additional 4 water pumps and 5 water trucks
 - Working requirement for up to 500,000 water jugs to USVI (*DLA Update, October 3, 2017, 1:27 a.m. EDT*)
 - Received requirement for 30 additional generators for St. Thomas (*DOD Update, October 2, 2017, 1:58 p.m. EDT*)

- USCG flights delivered Transitional Sheltering Assistance (TSA) cash to St. Thomas and was scheduled to transport TSA cash and communications gear to St. Croix on October 2 (will confirm morning of October 3) (*USCG Update, October 3, 2017, 3:47 a.m. EDT*)
- Seven flights into USVI October 3:
 - St. Thomas: Three flights transporting EMAC resources and 26K boxed meals (*MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT*)
 - St. Croix: Six flights transporting 80K meals and 150K liters of water (*MCC Tracking Schedule, October 3, 2017, 3:55 a.m. EDT*)

○ Responder Lodging

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,700	1,173 (+36)	527
SS Wright	Operational	USVI: St. Thomas	Arrived	315	184 (+4)	131
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	196	46 (-6)	150
Ocean Carrier	En route	USVI: St. Thomas	10/8	123		
Azura	En route	USVI: St. Thomas	10/10 – 10/12	1,808		
TOTAL:				4,142	1,403	808

(Responder Lodging Team, October 2, 2017, 12:00 p.m. EDT)

- USCG inspected Azura October 2; expected to arrive in the USVI October 10-12 for responder berthing (*USCG Update, October 2, 2017, 10:00 p.m. EDT*)
- **ESF-8: Public Health and Medical Services**
 - Royal Caribbean ship departed September 29 for Ft. Lauderdale, transporting 3,188 passengers from St. Croix (533), St. John and St. Thomas (533), and San Juan (1,791) and 121 pets; will arrive October 3 (*ESF-8 Update, October 3, 2017, 12:49 a.m. EDT*)
- **ESF-9: Search and Rescue**
 - USCGC Napier in Sector San Juan awaiting deployment to USVI to provide maritime SAR coverage and interagency support (*USCG Update, October 2, 2017, 10:00 p.m. EDT*)
- **ESF-10: Oil and Hazardous Material Response**
 - Sampled 66 of 161 public and private water systems on St. Croix to date; 26 systems tested positive for e. coli; 11 have since come into compliance, and remaining 15 require follow-up sampling
 - DPRN and USCG established Unified Command, working on plan to address pollution response and marine debris removal operations; ESF-10 teams to arrive in St. Croix October 5 (*ESF-10 Update, October 2, 6:26 p.m. EDT*)
 - USVI Department of Planning and Natural Resources (DPRN) and EPA will commence water sampling on St. Thomas and St. John October 4 (*ESF-10 Update, October 2, 10:53 a.m. EDT*)
- **ESF-11: Agriculture and Natural Resources**
 - Only Food Safety Inspection Service facility, privately owned, remains closed due to lack of power and potable water (*ESF-11 Update, October 3, 2017, 5:00 a.m. EDT*)
- **ESF-12: Energy**
 - Four Western Area Power Administration vehicles scheduled to arrive in port at St. Thomas on October 8 (*ESF-12 Update, October 2, 2017, 1:30 p.m. EDT*)
- **U.S. Department of Defense (DOD)**
 - Dual Status Command has been dissolved on USVI
 - Completed 4 strategic airlift flights October 2 to deliver generators, medical supplies, and other EMAC resources (*DoD Update, October 3, 2017, 1:00 a.m. EDT*)
 - Enroute Patient Staging System, Joint Patient Movement Regulating Team, and Critical Care Air Transport Team in St. Croix to redeploy to CONUS on October 3 (*DoD Update, October 3, 2017, 1:00 a.m. EDT*)
- **U.S. Department of State (DOS)**
 - DoS deemed offer of assistance from Mexico to be diplomatically critical; FEMA determining which of the items offered are needed (*FIAA Update, October 3, 2017, 1:13 a.m. EDT*)
 - Two-man advance Denmark Emergency Management Agency team arriving in St. Croix October 3, will collaborate with FEMA to better understand current situation and match capabilities offered by Denmark against requirements on the ground (*FIAA Update, October 2, 2017, 10:55 p.m.*)

- **U.S. Department of the Interior (DOI)**
 - National Park Service and USACE coordinating to develop contract for debris removal and disposal at the Virgin Islands National Park *(DOI Update, October 2, 2017, 11:26 p.m. EDT)*
- **U.S. Postal Service (USPS)**
 - Providing mail for pickup or delivery to post office boxes at five of six offices in St. Croix, three of five offices in St. Thomas, and the only office in St. Johns; alternate locations available to citizens where offices not open *(USPS Update, October 2, 2017, 5:05 p.m. EDT)*

Commodities Tables

- The following commodities have arrived in USVI and PR:

Total Arrived Quantity			
	Meals	Tarps	Water
St. Thomas	3,462,785	15,485	1,840,213
St. Croix	738,960	10,000	427,000
USVI Total	4,201,745	25,485	2,267,213

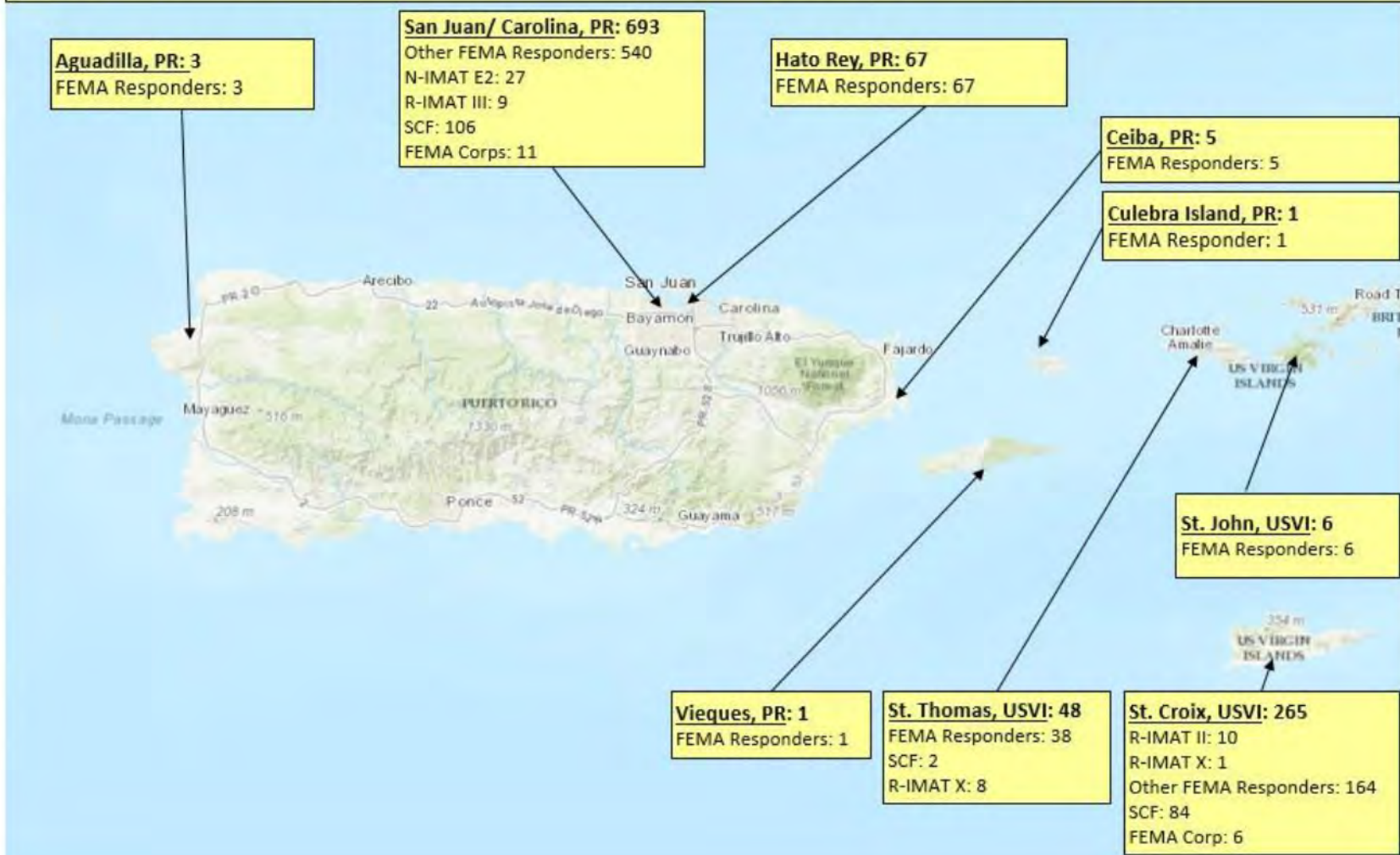
(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Total Arrived Quantity					
	Meals	Tarps	Water	Generator	Cots
PR	5,352,744	5,000	5,386,638	278	22,202

(ESF-7 Update, October 2, 2017 4:00 p.m. EDT)

Hurricane Irma/Maria – FEMA Responder Laydown (As of October 3, 2017 2:00AM EDT)

Total FEMA Supporting Hurricane Irma/Maria Actions on Puerto Rico and US Virgin Islands: Responders on the Ground: **1089**



Page 0395 of 2180

Withheld pursuant to exemption

Non Responsive Record

of the Freedom of Information and Privacy Act

Maritime Ports & Airports Status: PR and USVI (03 October 2017, 0400 EDT)

FEMA-DR-4339-PR & FEMA-DR-4340-USVI: Hurricane Maria



Data Layer/Map Description:
This map depicts the status of maritime ports and airports throughout Puerto Rico & the U.S. Virgin Islands.

Airport Status

- Open
- Open with Restrictions
- Military Air and Hurricane Relief Only
- Closed

Maritime Port Status

- Closed
- Daylight Only Operations with Restrictions
- Daylight Only Operations
- Open

(C) Container Handling Port
(F) Fuel Handling Port
(Cr) Cruise Ship Port



Data Sources:
FEMA, ESRI, USCG, FAA

Map Created by: FEMA NRCC GIS Specialist

Initial Map Creation: 03 October 2017, 0400 EDT

Coordinate System: WGS 1984 World Mercator

Fuel Deliveries Last 24 Hours: (02 October 2017, 1400 EDT)

FEMA-4339-DR-PR: Hurricane Maria



Data Layer/Map Description:
 This map depicts refueled facilities in Puerto Rico. The Fuel Task Force's DOD component and Macro Companies working PREMA emergent requests refueled facilities on **September 30, 2017**. DOD will refuel 31 medical facilities on a 3.5 day cycle.

Total Recipients: 25
Total Fuel (gal): 120,780

- Structure Type**
- Business
 - Communications
 - Government
 - Hospital
 - Housing/Shelter
 - Non-Governmental Org.*
 - Transportation
 - Utility

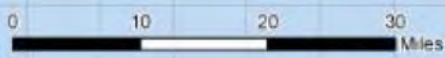
* Unknown fuel amount - Salvation Army

- Diesel Refueled**
- 0 - 800 gal
 - 801 - 2000 gal
 - 2001 - 3500 gal
 - 3501 - 6000 gal
 - 6001 - 24000 gal

Data Sources: FEMA, ESRI, HHS, DOD

Map Created by NRCC GIS Initial Map Creation (02 October 2017, 1400 EDT) Coordinate System: WGS 1984 World Mercator

Hurricane Maria Strategic Hospital Restoration Plan

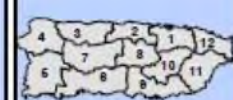


Hospital Information	Hospital Information	Road Status	Total Population
Tier 1 (1)	Tier 3 - Open (57)	Bridge Obstruction (11)	0 - 2,075
Tier 2 (6)	Tier 3 - Closed (2)	Road Obstruction (12)	2,076 - 3,421
Note: Tier 1 is the primary hospital - Cardinal Health	Unknown (1)	Closed - Partial (1)	3,422 - 4,799
Note: (#) Shows total number of hospitals	Data Sources: FEMA, ESRI, HHS, Census, DOT FEMA NRCC GIS Desk	Open (3,861)	4,800 - 6,701
			6,702 - 12,755



Puerto Rico Road and Bridge Status (02 October 2017, 1300 EDT)

FEMA-DR-4339-PR



Data Layer/ Map Description:
This map shows bridge status as of: October 1, 2017 and road status as of: October 1, 2017.

Surveyed Road Status

- Open
- Closed - Partial
- Total Closure
- Local Roads

Bridge Status (21)

- ▲ 10 Collapsed / Lost
- ▲ 4 Partially Collapsed / Lost
- ▲ 7 Scour / Partial Closure

Road Obstruction

- ▲ Damaged/Collapsed Bridge (11)
- ▲ Collapsed Road (3)
- ▲ Landslide (8)
- ▲ Lane Closed (1)
- ▲ Bank sub-base (2)
- ▲ Veg Material & Sediment (1)

Critical Infrastructure

- H Hospitals
- Major Cities
- ✈ Airports
- ⚓ Ports
- ⊠ Helipads

0 4.5 9 13.5

Kilometers

Data Sources:
FEMA, EDRI, USDOT,
Puerto Rico Governor's Office



DISCLAIMER:
Road status data based on whole highway segments rather than discrete point or line blockages. Actual accessibility may be greater than displayed for "Closed - Partial" segments.

PREMA Zone	
Zone Number	Zone Name
1	San Juan
2	Vega Baja
3	Arecibo
4	Aguadilla
5	Mayaguez
6	Ponce
7	Utua
8	Comerio
9	Guayama
10	Caguas
11	Humacao
12	Ceiba

Bridge	Town	Carry
653	Canovanas	PR-957
1130	Ciales	PR-145
37	Toa Baja	PR-2
38	Toa Baja	PR-2
635	Toa Baja	PR-165
1078	Juana Diaz	PR-52 (S.R.)
1462	Morovis	PR-567
1385	Quebradillas	PR-476
2766	Juana Diaz	PR-509
599	Ciales	PR-615
672	Arroyo	PR-752
944	Guayanilla	PR-2 (E.B.)
1374	Ciales	PR-149
679	Moca	PR-404
1485	Corozal	PR-802
872	Carolina	PR-857
1657	Toa Alta	PR-861
1352	Ciales	PR-145
1733	San Sebastian	PR-111
256	San Sebastian	PR-119
1692	Villalba	PR-151

Map Created by: FEMA HQ NRCC GIS Specialist

Initial Map Creation: (02 October 2017, 1300 EDT)

Coordinate System: WGS 1984 World Mercator

Puerto Rico - Active Regional Staging Area

FEMA-4339-DR-PR



FEMA

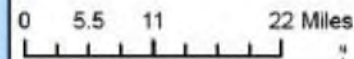


Data Layer / Map Description:
This product serves to illustrate active Regional Staging Areas as reported by FEMA logistics.

Legend

- Regional Staging Area's

Number	County	Facility Name
1	Aguadilla	PR National Guard
2	Arecibo	Colonel Amaury L. Gandia
3	Arecibo	DE Arecibo Warehouse
4	Bayamón	DE Bayamón Warehouse
5	Caguas	Caguas Municipality Sports Complex
6	Caguas	DE Caguas Warehouse
7	Canóvanas	DE Canóvanas Warehouse
8	Carolina	Muffiz Air National Guard Base
9	Ceiba	Alejo Rivera Morales
10	Guayama	PFC Jorge Massé F gueroa
11	Mayagüez	CPL Rubén Acosta
12	Mayagüez	DE Mayagüez Warehouse
13	Ponce	General Ramón De Castro
14	Ponce	DE Ponce Warehouse
15	Saint Croix	Department of Agriculture
16	Saint Croix	National Guard
17	Saint John	Port Authority Parking Lot
18	Saint Thom	Fort Christian Parking Lot
19	Utua	Alpha Company 1st Battalion, 295th Infantry



Data Sources:
FEMA, ESRI, HSIP

Recovery Snapshot
Post-Tropical Cyclone Irma
Tuesday, October 3, 2017 (5:00 a.m. EDT)
Updates in Blue

Declarations:

- FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 (*Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate*)

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/28: DR-4338	7 counties	All 159 counties (Cat A and B)	75%
Seminole Tribe of Florida	9/27: DR-4341	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Florida	9/21: DR-4337	48 counties	69 counties (Cat A-G)	75% 100% (Cat B) for 30 days
Alabama	9/11: EM-3389	-	All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
South Carolina	9/7: EM-3386	-	All 46 counties and Catawba Indian Nation (Cat B)	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	<ol style="list-style-type: none"> 1. Deliver Individual Assistance 2. Open Disaster Assistance Centers 3. Conduct IA & PA preliminary damage assessments 4. Public Information 	Not yet reported
Florida	<ol style="list-style-type: none"> 1. Public Assistance (PA) PDAs 2. Housing in Lee, Hendry, and Collier Counties 3. HUD damage assessments 4. Temporary housing 5. Transitional Sheltering Assistance (TSA) 8. Flagler County requesting expediting processing of Category A and B and making funds available immediately. Requested priority assignment from the state for fixed site registration at Flagler Beach and Hammock Communities 9. Request for Direct Housing - DHAT will deploy to the counties to conduct assessments 10. HUD has granted a 90-day moratorium on foreclosures and forbearance on foreclosures of Federal Housing Administration (FHA)-insured home mortgages. 11. Continuing to coordinate with State on STEP. 12. USACE feasibility inspectors are continuing their review of commercial park pads 13. Advanced Planning coordinated with GIS to create an interactive housing map and data sharing between stakeholders 14. EA IGA responded to inquiries from state legislator and local officials, primary focus of inquiries were related to debris removal, contractor procurement, constituent registration concerns and an inspector verification. 15. Developing Innovative Housing Solutions presentation for mission support, planning to Integrating FIU Extreme Events Institute 16. The Economic Housing RSF Team identified several 	<ul style="list-style-type: none"> • Staffing Individual Assistance and Disaster Survivor Assistance missions • Need more IA Caseworkers for applicants, IA caseworkers need NEMIS/NACS rights • Survivors continue to request temporary housing as shelters are closing • Debris removal resources • Some schools in the Keys will not open until October 2nd • Need more language interpreters, Spanish and Creole (Haitian) • Flagler County is very low on funding due to Hurricane Matthew and initial Irma response efforts; no reserve funds to draw upon. • Frustrations with long wait times and dropped calls when calling the 1-800 FEMA number (capacity) • Concern about the lack of information on Housing Strategies/Resources for survivors • Hernando County: mosquito concerns • Survivors leaving without assistance prior to registering at DRCs due to extreme temperatures and extended wait times (3.5 hour wait times at the DRC in Miami-Dade) • Concerns over potential arrival of approximately 3,200 evacuees via cruise ship from Puerto Rico, St. Croix and St. Thomas. Evacuees are scheduled to dock on 3 Oct. in Port Everglades. Need more information from JFO on the coordination for these incoming survivors

<p>areas of major concern and will begin analysis immediately</p> <p>17. At request of Patrick Air Force Base leadership, DSA conducted on-site registration for military families evacuated from Puerto Rico.</p> <p>18. Initiate the Sheltering and Temporary Emergency Power (STEP) program in Broward, Charlotte, Collier, Glades, Hendry, Lee, Miami-Dade, Monroe and Palm Beach Counties.</p>	<ul style="list-style-type: none"> • DSA concerns over inability to check survivor cases on NEMIS • The 30 day waiver for electrical work for damaged homes is set to expire Oct 13. Clay County is concerned about homeowners' electricity functionality & home repairs not being up to code. Messaging may be needed • Isolated Thunderstorms could produce gusty winds and brief heavy rains through Sunday 10/01/2017. Survivors concerned about proposed rainfall and threat to already flooded roads and damaged homes.
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Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	<ul style="list-style-type: none"> • Destroyed: 46 structures • Major Damage: 171 structures • Minor Damage: 111 structures • Affected Habitable: 127 structures 	PA PDAs: Total \$29.6 M <ul style="list-style-type: none"> • Category A: \$14.4M • Category B: \$5.5M • Category C: \$4.6M • Category D: \$0.1M • Category E: \$1.6M • Category F: \$1.9M • Category G: \$1.4M
Florida	In process	

Interagency Coordination/Recovery:

- **Recovery Support Function (RSF): Housing Recovery**

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	30,098	\$8,249,642	\$5,550,119	\$2,699,523
Florida	2,107,427	\$687,555,126	\$450,626,229	\$236,998,897
Puerto Rico	4,233	\$296,060	\$141,653	\$154,407
Seminole Tribe of Florida	225	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	7,569	\$4,592	\$4,592	\$0

Housing Inspections <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	21	4,345	1,680	38.7%
Florida	1,297	525,425	117,962	22.5%
Puerto Rico	22	1,295	502	39%
U.S. Virgin Islands	7	5,723	4	0.1%

(Irma) National Flood Insurance Program Claims Estimate <i>(as of 10/02/2017, 5:05 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 22,000	Over \$28,000,000
Georgia	Over 1,800	Over \$2,000,000
South Carolina	Over 2,000	Over \$1,100,000
U.S. Virgin Islands	49	Not yet reported
Puerto Rico	4	Not yet reported
Alabama	1	Not yet reported

- Temporary Housing: FEMA approved extension period of Transitional Sheltering Assistance (TSA) Program for DR-4337-FL from October 8, 2017 through November 4, 2017 *(Memorandum signed by Alex Amparo, Assistant Administrator of The Recovery Directorate)*

Transitional Sheltering Assistance <i>(as of 10/02/2017, 11:34 p.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible
Florida	9,565	725,561

○ Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	22,557	54%	213	\$9,148,400	\$42,950

○ US Department of Housing and Urban Development (HUD) (as of 10/01/2017)

Healthcare Section 232/242	Number of Properties in the Impacted (PDD) Area	Number of Beds in the Impacted (PDD) Area
Florida	178	23,530
Georgia	2	130
South Carolina	1	88
Total	181	23,748

Multifamily Housing	Impacted Properties	Units	Assisted Units	Properties w/ Moderate or Major Damage	Residents Displaced/ Evacuated	Residents Returned
Florida	910	106,513	45,902	89	614	0
Georgia	50	4,665	2,145	1	150	0
Total	960	111,178	48,047	90	764	0

Public Housing	Impacted Properties	Total Number of Assisted Units	Displaced Households	Returned Households
Florida	656	32,191	6	222
Georgia	7	33,661	0	0
South Carolina	0	13,798	1	1
Total	663	79,650	7	223

Housing Choice Voucher (HCV)	Total Number of Assisted Households	Displaced Households	Returned Households
Florida	100,847	13	14
Georgia	55,639	0	0
South Carolina	25,706	0	0
Total	182,192	13	14

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	1,348	35%	12	\$662,100	\$55,175

○ USDA Risk Management Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million
Largest Crop Liability (amount)	Orange Trees (\$1.1 billion)	Cotton (\$581.2 million)	Coffee (\$932,742)

*PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary of Business.

o USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

Total Combined \$ Loss for Crops/Livestock by Hurricane <i>(as of 09/24/2017, 11:02 a.m. EDT)</i>	
Total Irma Hurricane Total	\$338,272,398

Recovery Snapshot
Post-Tropical Cyclone Harvey
Tuesday, October 3, 2017 (5:00 a.m. EDT)
Updates in Blue

Declarations:

State/Region	Declaration	Declared Counties		Cost Share
		Individual Assistance	Public Assistance	
Region VI				
Texas	9/23: DR-4332	39 counties	47 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> Sheltering and temporary housing Debris Removal Collect and disseminate accurate incident information to improve decision-making Accurately track incident costs associated with assigned resources for cost recovery <p style="text-align: right;"><i>(TDEM Sit Rep, September 29, 2017, 8:00 a.m. EDT)</i></p>	Not yet reported

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	21 counties requested, 20 counties complete, 1 county ongoing

Interagency Coordination/Recovery:

• **RSF: Housing Recovery**

Individual Assistance <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	847,856	\$ 875,717,790	\$ 651,805,944	\$ 223,911,845

Housing Inspections <i>(as of 10/02/2017, 7:04 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,844	511,644	317,232	62%

(Harvey) National Flood Insurance Program Claims Estimate <i>(as of 10/02/2017, 5:05 p.m. EDT)</i>		
State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 88,000	Over \$1 billion
Louisiana	Over 480	Over \$2 million

○ Temporary Housing

Transitional Sheltering Assistance <i>(as of 10/02/2017, 3:35 p.m. EDT)</i>		
State	Households Checked In to Hotel	Eligible
Texas	21,869	344,283

○ Small Business Administration (SBA) Home Loans

SBA Home Loans <i>(as of 10/01/2017, 8:08 a.m. EDT)</i>					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	52,586	64%	7,471	\$628,181,700	\$84,083

○ U.S. Department of Housing and Urban Development (HUD) *(as of 10/01/2017)*

Hurricane Harvey - Texas	Number of Properties in Impacted Areas	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	20,971	3,224	844
Public and Indian Housing	66	10,965	330	263
HCV	N/A	148,205	813	655
Healthcare and Hospitals	40	5,236	599	501

• **RSF: Economic Recovery**

- SBA Business Loans

SBA Business Loans (as of 10/01/2017, 8:08a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	3,589	69%	605	\$57,132,900	\$94,435

- U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information for Hurricane Harvey (as of 9/23/2017)		
	Texas*	Louisiana **
Liabilities	\$792.4 million	\$133.5 million
Largest crop liability (total)	Cotton (\$352.3 million)	Rice (\$104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon

++ Information collected from RMA's Summary of Business Reports <http://www.rma.usda.gov/data/sob.html>

- USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	\$72,961,810

- USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
159,339	124,991	361,328	\$118,701,657	7,733	10	34	2,873	\$118,704,530

(Recovery Update, September 28, 2017, 11:02 a.m. EDT)

- Natural Resources Conservation Service

	EWPP Sponsor requests	EQIP Applications	CTA/Employees Providing Assistance
Texas*	5 new, 6-7 previous projects that may need assistance	57	97
Louisiana**	0	0	25

*57 EQIP application for FY17 received to date for TX special sign-ups

**Little impacts, not anticipating EQIP applications for hurricane response but announced availability of EQIP

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HURRICANE MARIA

Cash crunch slowed Puerto Rico's appeal for grid help, CEO says

David Ferris and Peter Behr, E&E News reporters • Published: Monday, October 9, 2017



A shattered concrete power line blocked traffic yesterday outside of Naguabo, on Puerto Rico's east coast. Almost three weeks after Hurricane Maria, restoration of the electric grid has barely begun. David Ferris/E&E News

SAN JUAN, Puerto Rico — The chief executive of Puerto Rico's bankrupt electricity company says he did not ask for help from mainland U.S. utilities before and immediately after Hurricane Maria destroyed the island's grid because the utility couldn't afford to pay anybody back for equipment and manpower.

Ricardo Ramos, chief executive of the Puerto Rico Electric Power Authority (PREPA), in an interview with E&E News on Saturday said the specter of running out of cash in 60 days made him instead turn to the Army Corps of Engineers, which will fund and control the territory's electrical recovery.

"The day that the Corps of Engineers showed up and offered the assistance, we immediately accepted because we knew that financially it was a better model," Ramos said. "The benefit is that I don't have to spend the remaining dollars that are needed for recuperating the system."

Puerto Rico's utility would have been required to make upfront payments or reimbursement guarantees to U.S. utilities sending crews and equipment, Ramos said. He said those payments would have exhausted the utility's \$100 million emergency fund, which is all that remains to keep the utility operating.

The American Public Power Association (APPA) confirmed Friday that the mutual assistance program was not activated after the hurricane hit Puerto Rico on Sept. 20, wiping out nearly all of the transmission and distribution network serving the island's 3.4 million residents. The mutual assistance program is a critical backstop in grid emergencies, channeling repair crews from outside a stricken area to come to its help.

The fragility of Puerto Rico's grid was underscored Sunday when a critical substation in the capital of San Juan temporarily failed, causing power to go out in some of the few areas that have it, including the city's main hospital.

Ramos' comments raise the question of why a rescue plan for Puerto Rico's bankrupt electric company, lying dead center in the Florida Straits hurricane alley, was apparently not on the planning docket of the mainland U.S. electric power industry, the Department of Energy, the Department of Defense and the Federal Emergency Management Agency, or Congress.

While thousands of repair crew members arrived to support grid recovery after mainland hurricane disasters, and the Obama administration deployed Air Force cargo aircraft to ferry crews from western states to help out after Superstorm Sandy, the arrival of help from other U.S. utilities is just beginning.

Michael Hyland, APPA vice president for engineering, said his association of 1,100 U.S. power companies acts as a coordinator after grid emergencies, organizing conference calls to help utilities that need help connecting with public power companies that have help to send.

The mutual aid agreements and financial arrangements are left up to the individual utilities, he said, and are not arranged by his organization. "Our playbook does not get into that," Hyland said.

Ramos was on several calls among APPA members prior to and just after Hurricane Irma, which struck right before Hurricane Maria, Hyland said. The question of the utility's financial resources "was never brought up in any of the calls."

President Trump handed the Army Corps the lead role in grid recovery last week. The corps will issue three contracts totaling more than \$400 million to improve the island's power plants and rebuild a network of shattered poles and towers, corps spokeswoman Catalina Carrasco said Saturday.

The corps awarded its first contract for the construction of a new 50-megawatt generator at Palo Seco, one of the main power plants in San Juan. The corps said the \$35 million project was assigned to Weston Solutions, a Pennsylvania-based power company.

"This is an important step in our effort to restore power to Puerto Rico," said Brig. Gen. Diana Holland, South Atlantic Division commander, quoted on the corps' website.

Repairing the power grid is a process that includes four main efforts, the corps said: Provide temporary emergency power and spot generation for critical facilities, ensure adequate generation at power plants, reinstall and repair transmission lines, and restore and repair distribution lines.

A desperate call

Interviews with agency and industry representatives raise other unanswered questions about preparations and responses to the crisis, including why disaster assistance anticipated from FEMA would not have reassured U.S. utility companies looking to move in repair crews.

On Sept. 28, just over a week after Maria struck, Trump put Lt. Gen. Jeffrey Buchanan, who heads U.S. Army North, in charge of the federal response in Puerto Rico, and assigned the corps to lead federal efforts to restore power there.

An administration official, who was not authorized to speak for the administration, said the support from U.S. power companies had been slowed in part by concerns about security for crews in the immediate desperate and chaotic aftermath of the storm.



The gusts of Hurricane Maria snapped turbine blades at the 23-megawatt Punta Lima wind farm in Puerto Rico. David Ferris/E&E News

The assignment of the corps to lead grid recovery has been followed up by new pledges of support from mainland utilities, the first of which was announced Thursday by JEA, the Jacksonville, Fla.-based power company.

In a conference call Thursday, JEA said 41 line crew and direct support personnel were about to leave for Puerto Rico to assist in grid reconstruction, the first step of what will include more mainland repair teams.

JEA said it was working with the corps, Whitefish Energy, Crowley Maritime, TOTE Maritime and the Jacksonville Port Authority to deploy line crews and equipment, and to coordinate logistics to support operations in Puerto Rico.

JEA Chief Executive Paul McElroy said the company has committed assets for up to 90 days. "They will be working in extremely dangerous conditions doing extremely dangerous work," he said. "They are the electric industry's first responders, and Jacksonville is very proud of them."

PREPA has also hired crews that will work independently of the corps to make emergency fixes.

The main one is Whitefish Energy, a small Montana company that was acquired two years ago by COMTRAFO Brazil, a maker of electrical transformers. Whitefish entered PREPA's orbit during the interval between Irma and Maria, the two hurricanes that lashed Puerto Rico this season. Ramos said that it put out a request for repairs to its transmission lines after Irma and that Whitefish was one of only two mainland companies that responded.

Before the contract with Whitefish could be activated, Maria struck and cut off PREPA's communications with the outside world, according to Ramos. PREPA also lost contact with APPA immediately following the hurricane, he said, which was a factor in the decision not to request assistance under the APPA mutual aid program.

"If we wouldn't have lost communications the day after Maria, I would have called mutual aid, and I would have contracted Whitefish as well," said Ramos, who said the island's devastated communication system meant he had no access to email until Friday, almost two weeks after the storm. That explanation adds a confusing element to PREPA's dire situation: If communications had not failed, would PREPA have proceeded to seek mainland utilities' help notwithstanding demands for the upfront payments he described?

Whitefish got the go-ahead to head to Puerto Rico, not from Ramos but from PREPA's procurement employees, who had a satellite phone and Whitefish's phone number, Ramos said. He did not explain why that communication source was unavailable to him.

Whitefish will be responsible for repairing four transmission lines, about 30 miles long, that connect the southern coast with the capital city and the surrounding region, Ramos said. Whitefish said on social media that it is committing an initial 200 power line employees and may add 200 or 300 more.

In addition, JEA, the Jacksonville, Fla., public utility, said it is sending help and expected its first crews would arrive yesterday.

Ramos added that, despite PREPA's hobbled finances, it plans to hire companies to fix its grid other than Whitefish. "They won't be the last," Ramos said.

David Ferris reported from Puerto Rico and Peter Behr from Washington.

Twitter: [@DavidFerris](#) | Email: dferris@eenews.net

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From:	Brehmer, Savannah </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=86C7B05FFCFF4F2F9BBEAACA51A5FCAD-BREHMER, SA>
Subject:	Hurricane Maria DR-4377-PR – Social Listening Report – Monday, September 16, 2017 1300
Date:	2017/10/16 13:17:02
Priority:	Normal
Type:	Note

Hurricane Maria DR-4377-PR – Social Listening Report – Monday, September 16, 2017 1300

Compiled by: Virginia Case, Bree-Constance Huffin, and Savannah Brehmer

Summary: People continue to use social media to locate loved ones, learn about utility restoration – many doubt validity of media and public official reports. In FEMA-related conversation, the public is pleased with information about supplies being distributed and help available, but they are not sure what the \$500 they’ve received is for, and there is criticism for the types of food some have received from FEMA. People are especially interested in the USNS Comfort – they’re happy about the newborn delivered yesterday, and want to know how to obtain medical services. Efforts are underway to get students back to school and the reactions are mixed. Coast Guard and National Guard recovery efforts are especially appreciated.

Public Perception

FEMA Conversation:

- Individuals who have applied for assistance are [asking questions](#) on what the next steps are, and how they are able to get in contact with officials for a status update on their application.
- Heavy discussion surrounds [a picture](#) of the food FEMA is passing out to survivors continues to circulate and generate conversation.
 - The survivor states (10/13) FEMA is only giving out candy and snacks in their food boxes.
 - There are conflicting comments because some agree that this is what FEMA is really giving out and other survivors are stating they received MREs and canned foods.
 - The Digital Engagement Team is working on content to show what food FEMA is distributing.
- Many are trying to figure out the specifics of the \$500 Critical Needs Assistance money survivors could get from FEMA.
 - The conversation surrounds someone trying to [explain](#) the details of receiving the money based of an interview he had with a FEMA employee.

Public Sentiment:

- People are grateful for the military's help toward Puerto Rico's recovery.
 - Both the content from the National Guard and local media is well-received. ([example 1](#), [example 2](#), [example 3](#))
 - Some are [reacting positively](#) to photos of soldiers passing out water.
- Most are [grateful for their help](#) toward Puerto Rico's recovery. [example 2](#))
- There are [mixed reviews](#) after Florida Senator Bill Nelson's press conference yesterday.
 - Mostly comments were supportive of the senator and his plans for recovery.
 - Most survivors are ready to see change in their community after the storm.
- The help and visits from local government officials giving back to survivors is receiving a lot of attention through different social media channels.
 - The Governor of Puerto Rico, Ricardo Rosselló, visited the emergency Stop & Go of Roosevelt Avenue to check on staff and equipment for disaster assistance registration with [FEMA](#) and passed out food to survivors. ([example 1](#) [example 2](#) [example 3](#))
 - The Mayor of San Juan, Carmen Yulín Cruz, [visited and talked with survivors](#).
- The USNS Comfort is of great interest to the public. The baby born there yesterday is especially welcome news. ([example 1](#), [example 2](#), [example 3](#)) Many want to know how to get on the ship, and share phone numbers and a graphic with how to get there. ([example 1](#), [example 2](#), [example 3](#)) The Digital Engagement Team is working on a graphic to explain how services on the USNS Comfort can be accessed.
- In a comment posted to David Begnaud's update yesterday on the response, [there's a petition to investigate local corruption at AEE and PREPA](#), though in response others say this has been an issue since before the storm.
- Heavy discussion surrounds [a picture](#) of the food FEMA is passing out to survivors.
- Many people are sharing their gratitude for the celebrities who are raising/donating money to Puerto Rico to assist in the recovery efforts. ([example 1](#), [example 2](#))
- A small amount of individuals are asking how they are able to get their identification cards to travel or what solutions are available for those who want to go to the mainland but have [lost their ID cards](#).
- Individuals who are continuing to look for loved ones in the affected area are being told a resource that has been successful is the CrowdSource Rescue Group. One person has shared a [screenshot of the texts](#) that they received after CrowdSource was able to locate their loved one, and another shares how people are able to get in touch with group and [the information needed](#) for them to be effective.
- News is welcome from the Ponce mayor that [goods are arriving at the port](#) and hot meals are being served.

- Many individuals from outside the affected areas are continuing to share their [frustration](#) about the Federal Government's response to Puerto Rico in [comparison](#) to the [response](#) in Florida and Texas.

Operations

Private Sector:

- There's a phone number to call [to request Loads of Love from Tide](#) come to the Island.
- Reports of the maximum individuals should pay for gas continue to circulate. ([example 1](#), [example 2](#))

School:

- Classes are set to resume at the University of Puerto Rico, possibly as soon as in the next week. ([example 1](#), [example 2](#)) Some are skeptical at the news as water and electricity may still not be then.

Communication:

- There have been reports from loved ones outside of the affected area that communications are [coming back on](#) in Aguadilla.
- An individual is sharing information on how survivors may be able to [acquire satellite phones](#) in order to communicate with their families while cell service remains scarce.

Critical Infrastructure/Public Works:

- As of 0700 ET yesterday Whitefish Energy is performing many critical infrastructural updates throughout Puerto Rico.
 - Rebuilding buildings, bridges, power, etc. ([example 1](#) , [example 2](#) , [example 3](#))
 - Those inside and outside the impacted area are glad to see progress happening in Puerto Rico.

Energy:

- As of 1100 ET, 15 October, Power Source and Whitefish was contracted to help bring power and restore the city. ([example 1](#) , [example 2](#))

Life Safety

- Family members are continuing their search for loved ones who have been missing since the Hurricane.
 - San Juan- [Example](#), [Example 2](#)
 - Cayey- [Example](#)
 - Toa Baja- [Example](#)
 - Cain- [Example](#)
 - Boqueron- [Example](#)
 - Ponce: A person's relative was at the Damas hospital, and they are not able to get more information about him. - [Example](#)

Public Safety:

- As of 1300 EST 10/15: San Juan has been slow to [remove debris](#) from the affected areas, and individuals are expressing their anger towards the mayor for the delay.
- As of 1300 EST 10/15: El Vocero is on the [second phase](#) of debris removal but people are unaware of when the first phase took place.
- As of 2100 EST 10/15: A facility in Isabela that was caring for sick children and adults was [lacking the necessary essentials](#) to keep them alive such as fuel, and air conditioning. As a result, the patients were able to be transferred to a proper medical facility where they were able to receive life-saving care.
- While La Fortaleza de Puerto Rico reports that [water is potable in Tao Alto and Naranjito](#), people are reporting they still don't have access, and others are [skeptical of the report](#).

Savannah.Brehmer@FEMA.DHS.gov

DR-4339-PR

Digital Information Officer

425-219-1206



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Sender:	Brehmer, Savannah </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=86C7B05FFCFF4F2F9BBEACAS1A5FCAD-BREHMER, SA>
Sent Date:	2017/10/16 13:16:48
Delivered Date:	2017/10/16 13:17:02

From:	Phalen, Susan </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=911842A8ACDB452D870FF6776801FDB6-PHALEN, SUS>
To:	"Booher, William </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2879f4944c584ab59cf7d75954e97dcd-Booher, Cor>"; "Tennyson, Stephanie </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dbe5fab3426845e4833ff135ef56e6b1-Tennyson, S>"
Subject:	RE: FAQs
Date:	2017/10/07 14:23:58
Priority:	Normal
Type:	Note

Thx

Sent from my iFEMA mobile device.

From: Booher, William

Sent: Saturday, October 7, 2017 2:06:14 PM

To: Phalen, Susan; Tennyson, Stephanie

Subject: FW: FAQs

William Booher

202.394.3544 (m)

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From: Sue Kelly

Sent: Friday, October 06, 2017 5:50:36 PM

To: (b)(6)

Subject: FAQs

Dear (b)(6):

Per our call, I am attaching APPA's FAQs issued around noon today, in response to numerous press inquiries we were getting about restoration of power in Puerto Rico (despite sending press inquiries over to the Corps starting on 9/29).

Also reprinted below is a story that just ran in E&E. While the headline is sensationalized, the story is in our view generally correct.

Once we see the NYT story, we will send that on as well.

If I can be of help, let me know (I will be on alert all weekend, so don't feel bad about calling/text/emailing). And if you hear more, please advise.

Thanks, Sue

HURRICANE MARIA

Puerto Rico utility says 'no thanks' to assistance

[Peter Behr](#), E&E News reporter

Published: Friday, October 6, 2017

Sixteen days after Hurricane Maria destroyed Puerto Rico's electric power grid, few if any utility crews from the United States have reached the island to assist with power restoration.

The American Public Power Association, based in Washington, confirmed today that the troubled Puerto Rico public utility that serves more than 3 million people on the island has decided not to request assistance from the group of 1,100 U.S. electricity companies standing ready to help.

The association coordinates mutual aid disaster assistance for U.S. public power companies, which include the Puerto Rico Electric Power Authority (PREPA). "The request for help was not activated," said group spokeswoman Meena Dayak. "We do have people who are ready to help."

Nearly 90 percent of Puerto Rico's electricity customers remain without power. Instead of activating a mutual aid arrangement that might have speeded up recovery time, the utility turned to Whitefish Energy Holdings, a small contractor based in Montana, to coordinate outside help. The utility has given no explanation for that decision.

Whitefish, a subsidiary of COMTRAFO Brazil, an engineering services firm that specializes in electric power transformers, said on social media that it had won a general contract to rebuild power lines in Puerto Rico. Whitefish has said it has committed an initial 200 power line employees to restoring the grid with a possibility of adding 200 or 300 more.

Before the storm, Puerto Rico's electricity infrastructure was already collapsing, with well-documented mismanagement at the utility and a deeply indebted government. Utility workers now confront the catastrophic destruction of lines, poles and equipment after Maria's 155 mph wind and rain deluge.

Under long-standing arrangements, each sector of the U.S. utility industry — investor-owned utilities, public power and municipal co-ops — organizes disaster response among its member companies, coordinating with the Department of Energy and Federal Emergency Management Agency.

At the peak of its impact, on Sept. 11, Hurricane Irma had knocked out power to 7.8 million people in Florida, Georgia, North Carolina and South Carolina. But 60,000 utility crew members from those states and outside utilities were working around the clock on restoration, according to the Edison Electric Institute, which coordinates responses for investor-owned utilities. By Sept. 19, more than 90 percent of those customers were back online, DOE reported.

Federal support for the electricity system still appears centered on delivering emergency generators to hospitals and other critical facilities. So far, 33 emergency generators have been installed, and 10 are being put in place. An additional 177 generators have arrived in Puerto Rico by barge and will be installed soon, the Army Corps of Engineers said. The Corps is still developing plans for the grid repair campaign, although it has members of the 249th Engineer Battalion, with trained line crews, now on the island.

In a news conference today, Lt. Col. James DeLapp, commander of the Corps Recovery Field Office in Puerto Rico, said, "We are partnering with PREPA to come up with a joint plan to do the repairs." PREPA has about 230 line crews in the field,

he said. "We are looking to place a contract which will double that. ... Until we do so, we can't put a specific timeline on when the power will be totally restored."

Speaking at the White House today, President Trump reiterated the U.S. commitment to helping Puerto Rico. "We're marshalling every federal resource at our disposal," he said at a reception for Hispanic Heritage Month. "We now have more than 15,000 federal personnel on the island. We will not rest until that job is done."

In a fact sheet issued today, APPA noted that the New York Power Authority (NYPA), another association member, sent technical experts and drones as part of a state-led mission initiated by New York Gov. Andrew Cuomo, at the request of Puerto Rico Gov. Ricardo Rosselló. NYPA's personnel has been working with PREPA on damage assessments of electricity generation plants and transmission lines.

JEA, a Jacksonville, Fla.-based public utility, is sending trucks and crews to Puerto Rico. That arrangement was made with Whitefish, the contractor. "Trucks and other equipment are being sent by ship," according to APPA.

In addition to the Army Corps, FEMA and DOE also have personnel on the ground. FEMA has said the Army Corps is charged with overseeing efforts to restore electricity to the island.

But with Puerto Rico's economy in shambles, questions are being asked about the pace of electricity restoration.

APPA has referred detailed questions to the Corps, Whitefish and PREPA "since they are on the ground in Puerto Rico."

"But the situation is vastly compounded by the geography and terrain. All crews and equipment must be transported from the mainland by plane or barge," said the association. "FEMA has given resources necessary to sustain life (food, water, medical supplies and personnel) first priority."

Tom Fanning, CEO of Southern Co. and co-chairman of the Electricity Subsector Coordinating Council, told CNBC on Wednesday that "the challenge we have right now is not the availability of resources; it's the logistics of getting it there."

"And once people get there with those resources, do they have a place to live?" he said. "Do they have food to eat, water to drink, and do they have personal security? Big deal."

On Sept. 28, President Trump took the extraordinary step of putting the Corps of Engineers in charge of the island's grid restoration, under Lt. Gen. Todd Semonite. White House homeland security adviser Tom Bossert said Semonite has been "given a mission to restore power on Puerto Rico, writ large. Full stop."

Efforts to reach PREPA officials, the Puerto Rico Energy Commission and commonwealth officials today were not successful.

Reporters Blake Sobczak, David Iaconangelo and David Ferris contributed. Ferris reported from San Juan, Puerto Rico.

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Susan N. Kelly

President & Chief Executive Officer



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Sender:	Phalen, Susan </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=911842A8ACDB452D870FF6776801FDB6-PHALEN, SUS>
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Sent Date:	2017/10/07 14:23:57
Delivered Date:	2017/10/07 14:23:58

From:	Hunter, Andrea </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=035A9C5A96014146924E7835ED1A8E3A-HUNTER, AND>
Subject:	Hurricane Maria DR-4339-PR – Social Listening Report – Monday, October 16, 2017 1300
Date:	2017/10/16 13:38:54
Priority:	Normal
Type:	Note

Good afternoon,

Below is the Hurricane Maria DR-4339-PR- Social Listening Report for Monday, October 16, 2017

Hurricane Maria DR-4339-PR – Social Listening Report – Monday, October 16, 2017 1300

Compiled by: Virginia Case, Bree-Constance Huffin, and Savannah Brehmer

Summary: People continue to use social media to locate loved ones, learn about utility restoration – many doubt validity of media and public official reports. In FEMA-related conversation, the public is pleased with information about supplies being distributed and help available, but they are not sure what the \$500 they’ve received is for, and there is criticism for the types of food some have received from FEMA. People are especially interested in the USNS Comfort – they’re happy about the newborn delivered yesterday, and want to know how to obtain medical services. Efforts are underway to get students back to school and the reactions are mixed. Coast Guard and National Guard recovery efforts are especially appreciated.

Public Perception

FEMA Conversation:

- Individuals who have applied for assistance are [asking questions](#) on what the next steps are, and how they are able to get in contact with officials for a status update on their application.
- Heavy discussion surrounds [a picture](#) of the food FEMA is passing out to survivors continues to circulate and generate conversation.
 - The survivor states (10/13) FEMA is only giving out candy and snacks in their food boxes.
 - There are conflicting comments because some agree that this is what FEMA is really giving out and other survivors are stating they received MREs and canned foods.
 - The Digital Engagement Team is working on content to show what food FEMA is distributing.

- Many are trying to figure out the specifics of the \$500 Critical Needs Assistance money survivors could get from FEMA.
 - The conversation surrounds someone trying to [explain](#) the details of receiving the money based of an interview he had with a FEMA employee.

Public Sentiment:

- People are grateful for the military's help toward Puerto Rico's recovery.
 - Both the content from the National Guard and local media is well-received. ([example 1](#), [example 2](#) , [example 3](#))
 - Some are [reacting positively](#) to photos of soldiers passing out water.
- Most are [grateful for their help](#) toward Puerto Rico's recovery. [example 2](#))
- There are [mixed reviews](#) after Florida Senator Bill Nelson's press conference yesterday.
 - Mostly comments were supportive of the senator and his plans for recovery.
 - Most survivors are ready to see change in their community after the storm.
- The help and visits from local government officials giving back to survivors is receiving a lot of attention through different social media channels.
 - The Governor of Puerto Rico, Ricardo Rosselló, visited the emergency Stop &Go of Roosevelt Avenue to check on staff and equipment for disaster assistance registration with [FEMA](#) and passed out food to survivors. ([example 1](#) [example 2](#) [example 3](#))
 - The Mayor of San Juan, Carmen Yulin Cruz, [visited and talked with survivors](#).
- The USNS Comfort is of great interest to the public. The baby born there yesterday is especially welcome news. ([example 1](#), [example 2](#), [example 3](#)) Many want to know how to get on the ship, and share phone numbers and a graphic with how to get there. ([example 1](#), [example 2](#) , [example 3](#)) The Digital Engagement Team is working on a graphic to explain how services on the USNS Comfort can be accessed.
- In a comment posted to David Begnaud's update yesterday on the response, [there's a petition to investigate local corruption at AEE and PREPA](#), though in response others say this has been an issue since before the storm.
- Heavy discussion surrounds [a picture](#) of the food FEMA is passing out to survivors.
- Many people are sharing their gratitude for the celebrities who are raising/donating money to Puerto Rico to assist in the recovery efforts. ([example 1](#), [example 2](#))
- A small amount of individuals are asking how they are able to get their identification cards to travel or what solutions are available for those who want to go to the mainland but have [lost their ID cards](#).
- Individuals who are continuing to look for loved ones in the affected area are being told a resource that has been successful is the CrowdSource Rescue Group. One person has shared a [screenshot of the texts](#) that they received after CrowdSource was able to locate their loved one,

and another shares how people are able to get in touch with group and [the information needed](#) for them to be effective.

- News is welcome from the Ponce mayor that [goods are arriving at the port](#) and hot meals are being served.
- Many individuals from outside the affected areas are continuing to share their [frustration](#) about the Federal Government's response to Puerto Rico in [comparison](#) to the [response](#) in Florida and Texas.

Operations

Private Sector:

- There's a phone number to call [to request Loads of Love from Tide](#) come to the Island.
- Reports of the maximum individuals should pay for gas continue to circulate. ([example 1](#), [example 2](#))

School:

- Classes are set to resume at the University of Puerto Rico, possibly as soon as in the next week. ([example 1](#), [example 2](#)) Some are skeptical at the news as water and electricity may still not be then.

Communication:

- There have been reports from loved ones outside of the affected area that communications are [coming back on](#) in Aguadilla.
- An individual is sharing information on how survivors may be able to [acquire satellite phones](#) in order to communicate with their families while cell service remains scarce.

Critical Infrastructure/Public Works:

- As of 0700 ET yesterday Whitefish Energy is performing many critical infrastructural updates throughout Puerto Rico.
 - Rebuilding buildings, bridges, power, etc. ([example 1](#) , [example 2](#) , [example 3](#))
 - Those inside and outside the impacted area are glad to see progress happening in Puerto Rico.

Energy:

- As of 1100 ET, 15 October, Power Source and Whitefish was contracted to help bring power and restore the city. ([example 1](#) , [example 2](#))

Life Safety

- Family members are continuing their search for loved ones who have been missing since the Hurricane.
 - San Juan- [Example](#), [Example 2](#)
 - Cayey- [Example](#)
 - Toa Baja- [Example](#)
 - Cain- [Example](#)
 - Boqueron- [Example](#)

- Ponce: A person's relative was at the Damas hospital, and they are not able to get more information about him. - [Example](#)

Public Safety:

- As of 1300 EST 10/15: San Juan has been slow to [remove debris](#) from the affected areas, and individuals are expressing their anger towards the mayor for the delay.
- As of 1300 EST 10/15: El Vocero is on the [second phase](#) of debris removal but people are unaware of when the first phase took place.
- As of 2100 EST 10/15: A facility in Isabela that was caring for sick children and adults was [lacking the necessary essentials](#) to keep them alive such as fuel, and air conditioning. As a result, the patients were able to be transferred to a proper medical facility where they were able to receive life-saving care.
- While La Fortaleza de Puerto Rico reports that [water is potable in Tao Alto and Naranjito](#), people are reporting they still don't have access, and others are [skeptical of the report](#).

Savannah.Brehmer@FEMA.DHS.gov

DR-4339-PR

Digital Information Officer

425-219-1206

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The Federal Emergency Management Agency (FEMA), Region 10 is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request a disability accommodation contact me at least five working days in advance at 425-487-2235 or Savannah.Brehmer@fema.dhs.gov.

Sender:	Hunter, Andrea </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=035A9C5A96014146924E7835ED1A8E3A-HUNTER, AND>
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To:	"Tennyson, Stephanie </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dbe5fab3426845e4833ff135ef56e6b1-Tennyson, S>"; "Phalen, Susan </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=911842a8acdb452d870ff6776801fdb6-Phalen, Sus>"
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Subject:	FW: FAQs
Date:	2017/10/06 22:58:43
Priority:	Normal
Type:	Note

William Booher

202.394.3544 (m)

Referred to Another Agency/Component



Page 0455 of 2180

Withheld pursuant to exemption

Referred to Another Agency/Component

of the Freedom of Information and Privacy Act

From: Sue Kelly

Sent: Friday, October 06, 2017 5:50:36 PM

To: (b)(6)

Subject: FAQs

Dear (b)(6)

Per our call, I am attaching APPA's FAQs issued around noon today, in response to numerous press inquiries we were getting about restoration of power in Puerto Rico (despite sending press inquiries over to the Corps starting on 9/29).

Also reprinted below is a story that just ran in E&E. While the headline is sensationalized, the story is in our view generally correct.

Once we see the NYT story, we will send that on as well.

If I can be of help, let me know (I will be on alert all weekend, so don't feel bad about calling/text/emailing). And if you hear more, please advise.

Thanks, Sue

HURRICANE MARIA

Puerto Rico utility says 'no thanks' to assistance

[Peter Behr](#), E&E News reporter

Published: Friday, October 6, 2017

Sixteen days after Hurricane Maria destroyed Puerto Rico's electric power grid, few if any utility crews from the United States have reached the island to assist with power restoration.

The American Public Power Association, based in Washington, confirmed today that the troubled Puerto Rico public utility that serves more than 3 million people on the island has decided not to request assistance from the group of 1,100 U.S. electricity companies standing ready to help.

The association coordinates mutual aid disaster assistance for U.S. public power companies, which include the Puerto Rico Electric Power Authority (PREPA). "The request for help was not activated," said group spokeswoman Meena Dayak. "We do have people who are ready to help."

Nearly 90 percent of Puerto Rico's electricity customers remain without power. Instead of activating a mutual aid arrangement that might have speeded up recovery time, the utility turned to Whitefish Energy Holdings, a small contractor based in Montana, to coordinate outside help. The utility has given no explanation for that decision.

Whitefish, a subsidiary of COMTRAF0 Brazil, an engineering services firm that specializes in electric power transformers, said on social media that it had won a general contract to rebuild power lines in Puerto Rico. Whitefish has said it has committed an initial 200 power line employees to restoring the grid with a possibility of adding 200 or 300 more.

Before the storm, Puerto Rico's electricity infrastructure was already collapsing, with well-documented mismanagement at the utility and a deeply indebted government. Utility workers now confront the catastrophic destruction of lines, poles and equipment after Maria's 155 mph wind and rain deluge.

Under long-standing arrangements, each sector of the U.S. utility industry — investor-owned utilities, public power and municipal co-ops — organizes disaster response among its member companies, coordinating with the Department of Energy and Federal Emergency Management Agency.

At the peak of its impact, on Sept. 11, Hurricane Irma had knocked out power to 7.8 million people in Florida, Georgia, North Carolina and South Carolina. But 60,000 utility crew members from those states and outside utilities were working around the clock on restoration, according to the Edison Electric Institute, which coordinates responses for investor-owned utilities. By Sept. 19, more than 90 percent of those customers were back online, DOE reported.

Federal support for the electricity system still appears centered on delivering emergency generators to hospitals and other critical facilities. So far, 33 emergency generators have been installed, and 10 are being put in place. An additional 177 generators have arrived in Puerto Rico by barge and will be installed soon, the Army Corps of Engineers said. The Corps is still developing plans for the grid repair campaign, although it has members of the 249th Engineer Battalion, with trained line crews, now on the island.

In a news conference today, Lt. Col. James DeLapp, commander of the Corps Recovery Field Office in Puerto Rico, said, "We are partnering with PREPA to come up with a joint plan to do the repairs." PREPA has about 230 line crews in the field, he said. "We are looking to place a contract which will double that. ... Until we do so, we can't put a specific timeline on when the power will be totally restored."

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In addition to the Army Corps, FEMA and DOE also have personnel on the ground. FEMA has said the Army Corps is charged with overseeing efforts to restore electricity to the island.

But with Puerto Rico's economy in shambles, questions are being asked about the pace of electricity restoration.

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"But the situation is vastly compounded by the geography and terrain. All crews and equipment must be transported from the mainland by plane or barge," said the association. "FEMA has given resources necessary to sustain life (food, water, medical supplies and personnel) first priority."

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Efforts to reach PREPA officials, the Puerto Rico Energy Commission and commonwealth officials today were not successful.

Reporters Blake Sobczak, David Iaconangelo and David Ferris contributed. Ferris reported from San Juan, Puerto Rico.

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Susan N. Kelly

President & Chief Executive Officer



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[Peter Behr](#), E&E News reporter

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Sent Date:	2017/10/06 20:40:15
Delivered Date:	2017/10/06 20:40:16



Oct 6, 2018

Hurricane Maria Restoration Efforts: FAQs

Contact: MediaRelations@PublicPower.org; 301-602-8474

www.PublicPower.org
#PublicPower

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202-467-2900

The American Public Power Association (the Association) is supporting as requested the mission of the U.S. Army Corps of Engineers (USACE) to restore electric power to the people of Puerto Rico. For this reason, and because USACE has people on the ground in Puerto Rico, the Association has been referring press inquiries to USACE. However, questions continue to be asked about the Association's own role in coordinating electric power restoration by its member public power utilities. To assist in answering these questions, the Association has prepared these FAQs.

1. Who is in charge of the electric power restoration effort in Puerto Rico?

The Federal Emergency Management Agency (FEMA) has given USACE the mission to lead the immediate power restoration effort. USACE is working with the electric utility that serves Puerto Rico, the Puerto Rico Electric Power Authority (PREPA), which is a member of the Association. The Department of Energy's (DOE) Emergency Support Function (ESF-12) is also involved in restoration efforts as the electricity sector's "sector specific agency" (SSA).

PREPA has engaged a contractor, Whitefish Energy, LLC (Whitefish), to assist in power restoration efforts for PREPA. The Association understands that Whitefish has previously worked on the island and is familiar with PREPA's facilities. Whitefish has begun the process of marshalling trucks, equipment and crews for the restoration effort.

The entire electric utility industry is standing by to send help as requested. Because PREPA is a public power utility (a unit of the territorial government, rather than being under private ownership) other public power utilities are available to send crews and equipment. Through the Electricity Subsector Coordinating Council (ESCC) the investor-owned electric companies and rural electric cooperatives also are standing by to help as called upon; this high-level coordination has been important to support restoration efforts on the mainland.

2. Who has already sent crews/equipment out there? Under what terms?

Initially, the New York Power Authority (NYPA), another Association member, sent utility technical subject matter experts and drones as part of a state-led mission initiated by New York Governor Andrew Cuomo, at the request of Puerto Rico governor Ricardo Rossello. NYPA's personnel have been working with PREPA on damage assessments of specific PREPA generation, transmission and substation facilities.

FEMA, USACE and DOE now also have personnel on the ground. JEA, an Association member in Jacksonville, Florida is now sending trucks and crews to Puerto Rico. JEA is sending crews under arrangements made directly with Whitefish; 41 trained workers are flying to Puerto Rico. Trucks and other equipment are being sent by ship.

MORE