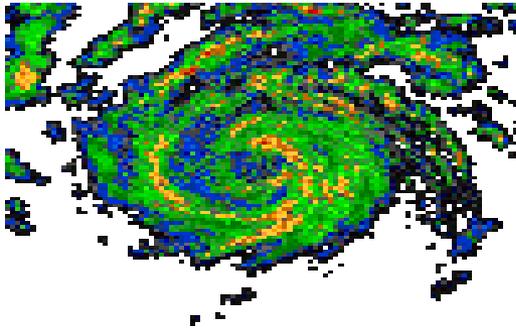


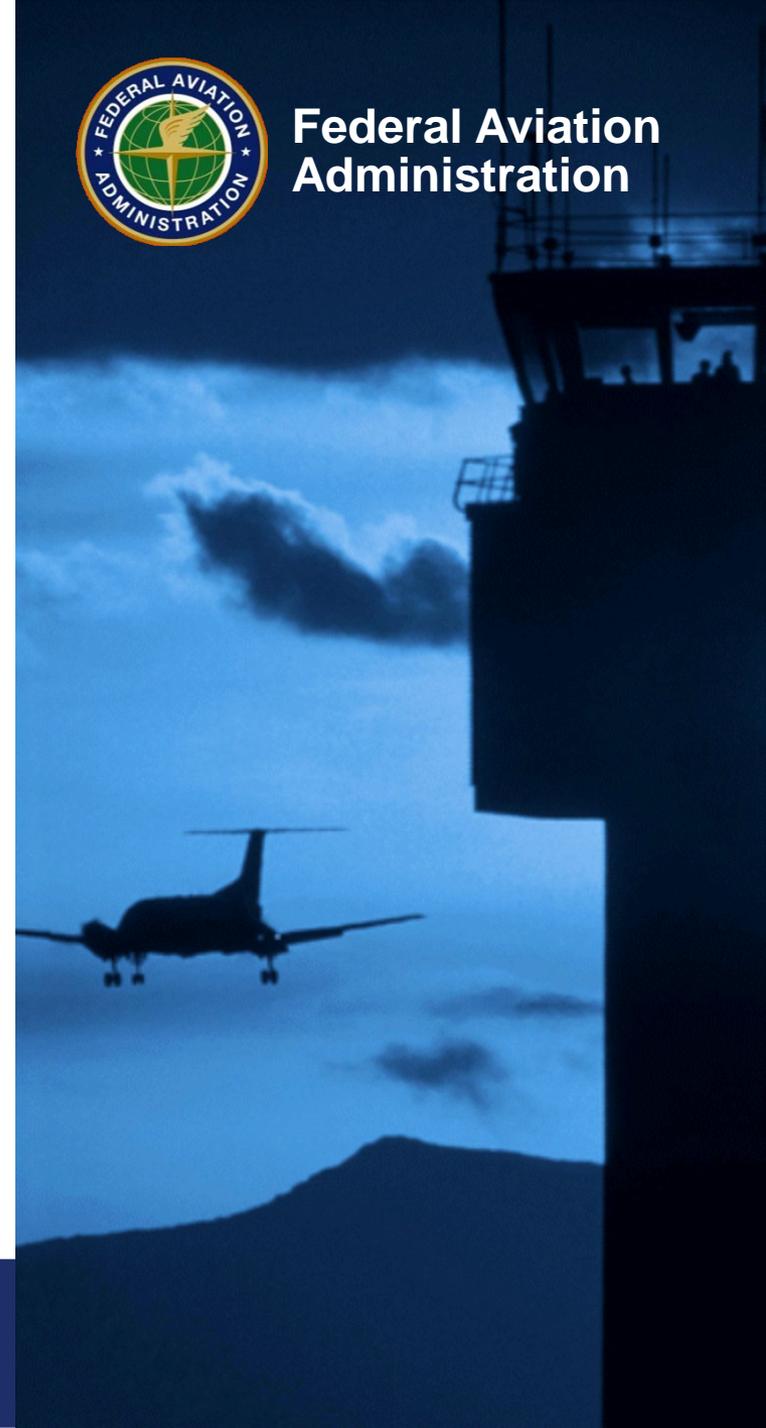
ATCSCC HURRICANE DESK



Air Traffic Control System Command Center Briefing

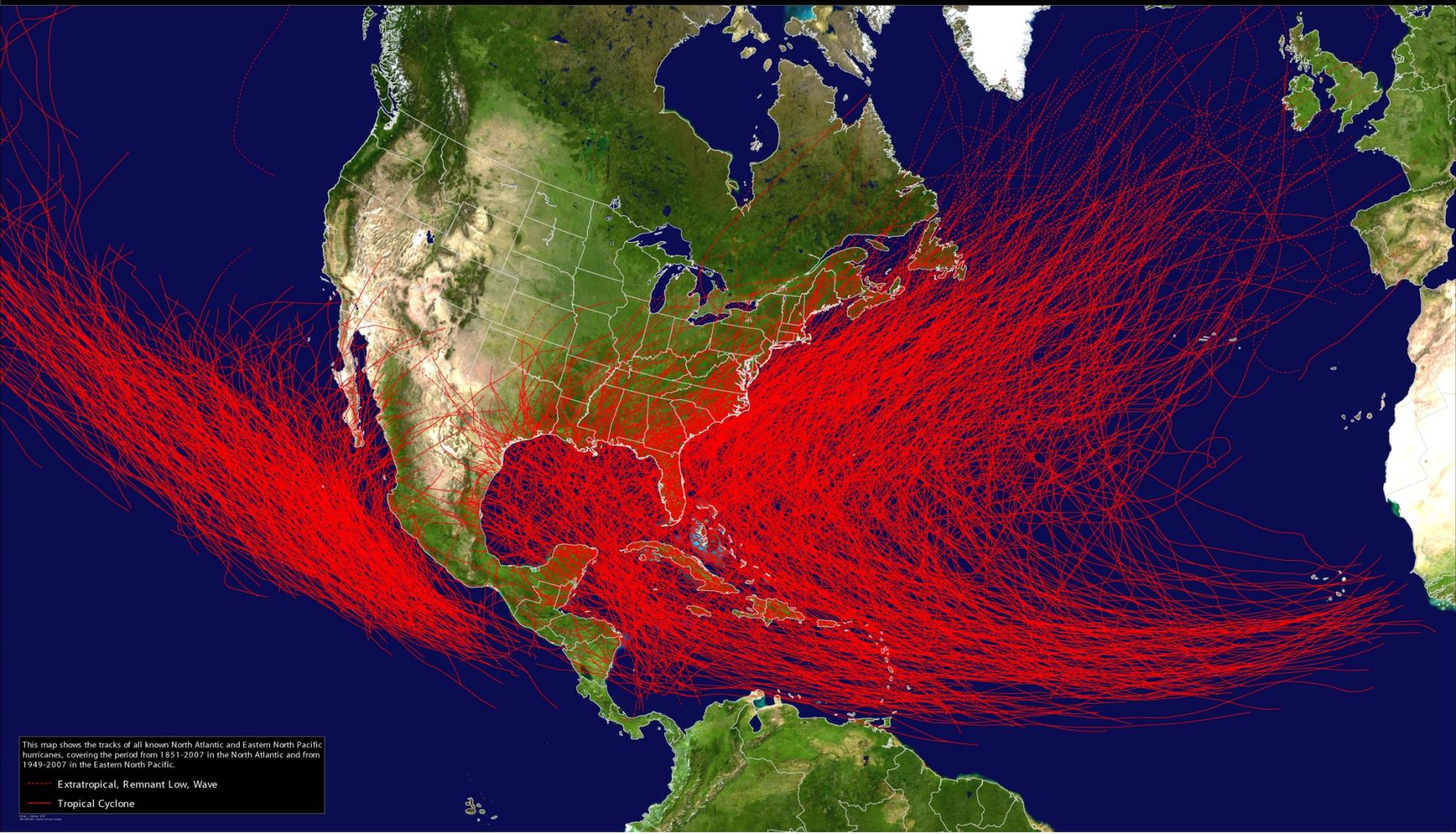


Federal Aviation
Administration



Hurricane History

Data from 1949 in the Pacific, from 1851 in the Atlantic



This map shows the tracks of all known North Atlantic and Eastern North Pacific hurricanes, covering the period from 1851-2007 in the North Atlantic and from 1949-2007 in the Eastern North Pacific.

- Extratropical, Remnant Low, Wave
- Tropical Cyclone



ATCSCC



ATCSCC

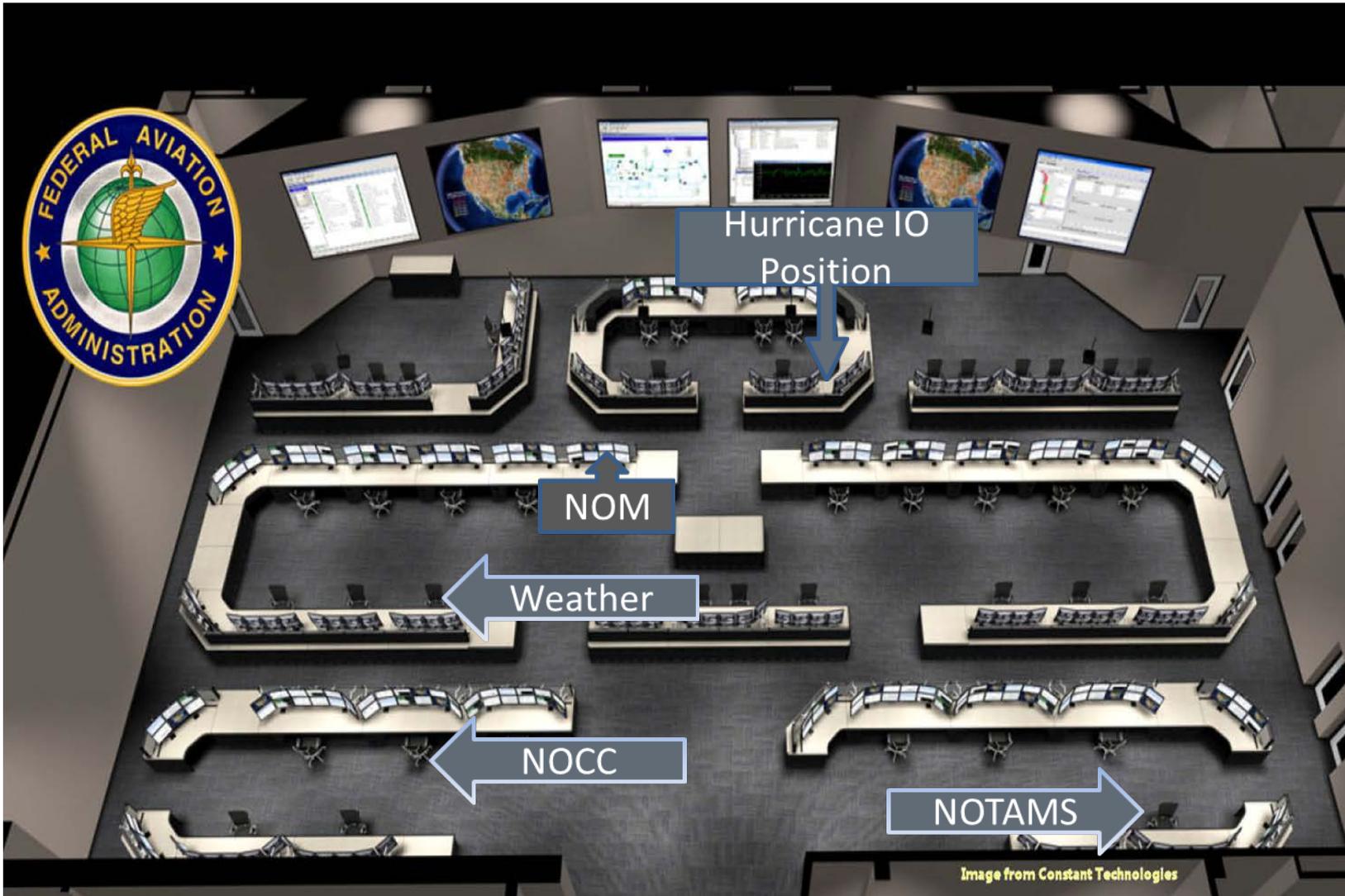


ATCSCC Hurricane Desk

May 2016



Federal Aviation
Administration



BRIEFING CONTENT

- **Air Traffic Control System Command Center (ATCSCC) Responsibilities**
- **ATCSCC Hurricane Desk**
 - Overview
 - Information Gathering
- **Reconnaissance Flights (TEAL and National Oceanic Atmospheric Administration (NOAA))**
- **Hurricane Teleconferences (Telcons)**
 - Procedures
 - Format
 - Advisories



NATIONAL HURRICANE OPERATIONS PLAN (NHOP)



National guidance for Hurricane operations is covered in the NHOP.

www.ofcm.gov/nhop

ATCSCC responsibilities in the NHOP are covered in the DCC 7200.100 (DCC SOP) and listed below.

ATCSCC HURRICANE OPERATIONS RESPONSIBILITIES

ATCSCC National Operations Manager (NOM) must:

1. Review the Tropical Cyclone Plan of the Day (TCPOD) at <http://www.nhc.noaa.gov/reconlist.shtml> by 1830 UTC. Normal notification of scheduled National Hurricane Operations Plan (NHOP) flights is accomplished through the TCPOD (1 June through 30 November).
2. Activate a Hurricane Desk, when required.

ATCSCC HURRICANE OPERATIONS RESPONSIBILITIES

ATCSCC National Operations Manager (NOM) must:

3. Give the Hurricane Desk at International Operational (IO) a copy of the Tropical Cyclone Plan of the Day (TCPOD).
4. Review the Mission Coordination Sheet provided by the flying unit. Give a copy to the Hurricane Desk at the International Operational (IO) position.

ATCSCC HURRICANE OPERATIONS RESPONSIBILITIES

The Hurricane Desk/IO must:

1. Review the TCPOD at <http://www.nhc.noaa.gov/reconlist.shtml>, by 1830 UTC. Normal notification of schedule NHOP flights is accomplished through the TCPOD (1 June through 30 November)
2. Activate the Hurricane Desk, when required. (Consider emailing an advisory and/or announcing the activation of the Hurricane Desk on the Planning Telcon.)

ATCSCC HURRICANE OPERATIONS RESPONSIBILITIES

The Hurricane Desk/IO must:

3. Prepare a public FEA (Flow Evaluation Area) based on the latitude/longitude points specified in the Mission Coordination sheet when a mission is scheduled to be flown. The FEA naming convention is the aircraft call sign. Modify the FEA when requested by the affected facilities.

(The flying unit will fax their Mission Coordination Sheet to the ATCSCC and affected ARTCCs 1-2 hours prior to the flight departure time.)

ATCSCC HURRICANE OPERATIONS RESPONSIBILITIES

The Hurricane Desk at the IO position must:

4. Coordinate with the impacted ARTCCs as required and designate a Primary ARTCC when the Operations Area includes multiple ARTCCs.
5. Conduct hurricane and customer telecons, as necessary

HURRICANE DESK OVERVIEW

THE INTENT OF THE ATCSCC “HURRICANE DESK”

Provide an informational conduit for the impact of hurricanes on Air Traffic.



HURRICANE DESK OVERVIEW

Hurricane impact to Air Traffic can include, but not limited to:

- Airport closures
- ATC-0 events
- Evacuation assistance
- Route closures
- Reconnaissance flight coordination

HURRICANE DESK OVERVIEW

Hurricane impact to Air Traffic can include, but not limited to:

- Airport Customs
- TSA-Security
- Airport and Airline personal
- Disaster recovery assistance
- Fuel availability

HURRICANE DESK FOCUS

- Determine the impact to Air Traffic caused by Hurricanes.
- Host special telcons to open lines of communication and create common situational awareness between ANSPs, customers and the FAA.
- Coordinate, as needed, the movement of Reconnaissance flights with Air Traffic Facilities.
- Assist the ATCSCC (Command Center) Emergency Management Center (EMC) when directed by the NOM.



INFORMATION GATHERING

1. DCC Weather Unit
2. National Hurricane Center

<http://www.nhc.noaa.gov/>

3. Weather Underground

<http://www.wunderground.com/tropical/>

4. Weather Channel

<http://www.weather.com/newscenter/hurricanecentral/?from=sitemap>

INFORMATION GATHERING

- National Hurricane Center (NHC) issues forecasts and advisories at 0500/1100/1700/2300 EDT.
- NHC issues updated advisories every three hours once landfall is imminent.
- NHC public advisories/forecasts is the only data DCC uses for the public telcons.

HURRICANE RECON FLIGHTS



Background:

Air Force 53rd Reserve Weather Reconnaissance Squadron (53WRS) TEAL flights and **National Oceanic and Atmospheric Administration (NOAA)** have responsibility for flying hurricane reconnaissance missions. The flights are flown in support of the NHOP and are coordinated through the ATCSCC. The ATCSCC and ARTCCs are responsible for coordination in support of the NHOP.

HURRICANE RECON FLIGHTS



Due to the important nature of hurricane reconnaissance flights, ATC priority handling is provided to **TEAL** and **NOAA** flights to ensure the necessary meteorological data is collected as specified in FAA Order 7110.65.

HURRICANE TELCON OVERVIEW

- The intent of the DCC Hurricane Telcon is to provide common situational awareness of a hurricane's impact to Air Traffic.
- The telcon procedures and format are detailed at the International Operations area located in the “Hurricane Telcon Guidelines” binder.



HURRICANE TELCON PROCEDURE

During the hurricane season (June 1-November 1) the IO Position will be responsible to take the lead in initiating U.S. and International Hurricane Telcons. These telcons are designed to bring all affected FAA Facilities, Aviation Navigation Service Providers (ANSPs) and customers together to provide common situational awareness of a hurricane's impact to Air Traffic. (High profile Hurricane events can greatly increase participants on the telcons.)



HURRICANE TELCON OVERVIEW

- The telcons will follow a preset format to provide for consistency and thoroughness.
- Telcons will begin once the NHC determines that landfall is imminent within 48 hours.
- Telcons will be held at 1230Z and 2200Z.



HURRICANE TELCON PROCEDURE

Step 1: Telcons For Atlantic and Gulf of Mexico will be triggered at 1230Z and 2200Z when a Hurricane Telcon is requested or impact to FAA facilities is expected. Telcons for Pacific storms will be coordinated as needed with the twice daily format.

Step 2: ATCSCC Planner position briefs the telcon time on the Ops Planning Telcon and add it to the Operations Plan Advisory.

HURRICANE TELCON PROCEDURE

The ATCSCC Weather Unit will provide a copy of the National Hurricane Center's Atlantic Tropical Outlook. Once a Tropical Storm or Hurricane has developed the synopsis will be updated every six hours. Part of the update shows the forecasted track of the storm. Once the storm has developed to hurricane force and it is projected to make landfall within 48 hours the Hurricane Desk/IO will trigger a "Hurricane Telcon".

Note: Telcons can be conducted on an "as needed" tactical basis when conditions warrant.

HURRICANE TELCON PROCEDURE

Step 3: Post the Hurricane Telcon time/phone number/pin on the Operational Information System (OIS) Summary page.

Step 4: Create an Adhoc Telcon with the pin 2333#. Determine needed participants and call the facilities prior to the telcon start. Ensure the DCC WX Unit is prepared to provide an overview of the hurricane on your telcon. Ensure the NOCC is prepared to provide an equipment/navaid update.

HURRICANE TELCON PROCEDURE

Step 5: Conduct the Hurricane Telcon. Follow the telcon format in the next section.

Step 6: Brief the NOM on the Hurricane Telcon outcomes. The NOMs will page out all the Hurricane Telcon information.

Step 7: Send out an advisory addressing the Hurricane Telcon outcomes.

IMPACTED AREA: U. S. EAST COAST

WIND ESTIMATES:

MONDAY MORNING: DC METROS 34030G45, NY METROS 02030G55

MONDAY EVENING: DC METROS 34035G55, NY METROS 04040G65

TUESDAY: DC METROS 24030G50, NY METROS 15035G55

WEDNESDAY: DC METROS SW 10G20, NY METROS SOUTH 15G30

STORM SURGE: DC METRO CHANCES OF SURGE GREATER THAN 2' IS LOW

NY METROS 6' TO 11' SURGE POSSIBLE

PHL SURGE 2'-4' POSSIBLE

NY HIGH TIDE: (BATTERY PARK)

MONDAY 1232Z/0053Z

TUESDAY 1307Z/0133Z

WEDNESDAY 1341Z-0214Z

SANDY PUBLIC ADVISORY - NHC ADVISORY 25

LOCATION - 575 MILES SOUTH OF NY

MAX SUSTAINED WINDS - 75 MPH

MOVEMENT - NORTHEAST AT 14 MPH

NY/DC/PHL/BOS AIRPORTS. ALL REPORT NORMAL OPERATIONS AT PRESENT. CONTINGENCY PLANNING FOR MOST AIRPORTS WILL BE CONDUCTED TODAY AND TOMORROW.

MASS TRANSIT:

MASS TRANSIT AURHORITY OF NEW YORK ADVISES THE TRAIN AND SUBWAY SYSTEM WILL CEASE OPERATIONS AT 2300Z. THE BUS SYSTEM WILL BE DISCONTINUED AT 0100Z.

BOS MASSPORT ADVISES WINDS OF 50KTS COULD STOP SERVICE.

WASHINGTON DC, NO DECISIONS MADE AT THIS TIME.

PHL HOLDING A MEETING AT 1600Z TO DISCUSS THE SCENARIO.

AIRPORT INFORMATION:

..LGA, NYPA ADVISES A 4' STORM SURGE COULD PUT THE RWY'S UNDERWATER.

..JFK IS A LITTLE BETTER THAN LGA REGARDING SURGE. RWY'S 4L AND 31R TEND TO FLOOD LAST.

..IAD OPEN, SEEING A REDUCTION IN THE SCHEDULE. THE EMERGENCY OPERATION CENTER WILL BE ACTIVATED LATER TODAY.

..PHL'S BRIDGE TO THE AIRPORT COULD BE EFFECTED BY HIGH WINDS, NO DEFINITE PARAMETERS AT PRESENT.

CONTROL TOWER WIND THRESHOLDS TOLERANCES. WINDS IN THE RANGES BELOW COULD PROMPT EVACUATIONS:

IAD-75 KTS EWR-70 KTS PHL-65 KTS

BWI-70 KTS JFK-70 KTS BOS-70 KTS

DCA-60 KTS LGA-CAT III WINDS

FLIGHT STATUS: FOR NY/DC/PHL/BOS SEVERAL AIRLINES ARE STILL IN THE PLANNING STAGES. OVERALL CONSENSUS IS A SCHEDULE REDUCTION TODAY AND TONIGHT. SEVERAL CARRIERS ARE CANCELLING SERVICE MONDAY. TUESDAY IS BEING EVALUATED AT PRESENT. WINDS WILL STILL BE STRONG ON TUESDAY AND POTENTIAL DAMAGE COULD PROMPT FURTHER CANCELLATIONS.

DAILY TELCONS WILL OCCUR AT 1215Z AND 2200Z.

CUSTOMERS AND FACILITIES NOTE NEXT PLANNING TELCON 28/2200Z

TO PARTICIPATE CALL USA NUMBER 540-359-3200, PIN 2333#.

ALTERNATE USA PHONE NUMBER 540-422-3158

QUESTION: ATCSCC INTERNATIONAL POSITION 540-422-4158

REPLACES ATCSCC ADVZY 024

281540-282200

ATCSCC

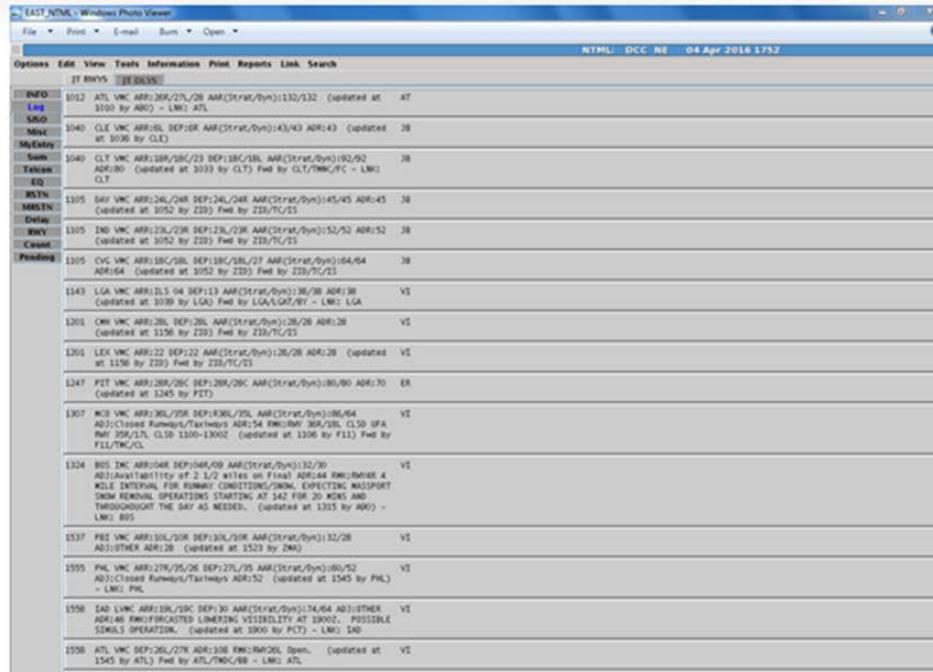
Hurricane Sandy Advisory



HURRICANE TELCON PROCEDURE

Step 8: Enter a telcon synopsis in the (NTML).

National Traffic Management Log (NTML)



The screenshot displays the NTML interface with a list of flight operations. The table includes columns for flight number, origin/destination, status, and other details. The status column shows various conditions such as 'Updated at', 'Fwd by', and 'LMI'.

Flight Number	Origin/Destination	Status	Other Details
1012	ATL VMC ARR:20R/27L/20R ARR(Strat/Dyn):1132/132	Updated at	AT 3030 by ABO - LMI: ATL
1040	CLE VMC ARR:01L DEP:08R ARR(Strat/Dyn):41/43 ARR:43	Updated at	3030 by CLJ
1040	CLT VMC ARR:10R/10C/23 DEP:18C/18L ARR(Strat/Dyn):02/02	Updated at	3033 by CLT) Fwd by CLT/TMG/FC - LMI: CLT
1305	DAY VMC ARR:24L/24R DEP:24L/24R ARR(Strat/Dyn):41/43 ARR:41	Updated at	3052 by Z30) Fwd by Z30/TC/21
1305	IND VMC ARR:23L/23R DEP:23L/23R ARR(Strat/Dyn):52/52 ARR:52	Updated at	3052 by Z30) Fwd by Z30/TC/21
1305	CVG VMC ARR:18C/18L DEP:18C/18L/27 ARR(Strat/Dyn):04/04	Updated at	3055 by Z30) Fwd by Z30/TC/21
1143	LGA VMC ARR:15L 04 DEP:113 ARR(Strat/Dyn):38/38 ARR:38	Updated at	3039 by LGA) Fwd by LGA/LGAT/RV - LMI: LGA
1201	OMR VMC ARR:28L DEP:28L ARR(Strat/Dyn):28/28 ARR:28	Updated at	3150 by Z30) Fwd by Z30/TC/21
1201	LEX VMC ARR:22 DEP:22 ARR(Strat/Dyn):28/28 ARR:28	Updated at	3150 by Z30) Fwd by Z30/TC/21
1247	PIT VMC ARR:28R/28C DEP:28R/28C ARR(Strat/Dyn):00/00 ARR:70	Updated at	3245 by PCT)
1307	MCO VMC ARR:36L/35R DEP:F30L/35L ARR(Strat/Dyn):00/04	Updated at	3306 by F11) Fwd by F11/TMG/AS
1304	BOS VMC ARR:04R DEP:04R/09 ARR(Strat/Dyn):132/30	Updated at	3315 by ABO) - LMI: BOS
1537	PRB VMC ARR:10L/10R DEP:10L/10R ARR(Strat/Dyn):12/20	Updated at	3523 by ZMK)
1555	PHL VMC ARR:27R/35/26 DEP:17L/35 ARR(Strat/Dyn):00/52	Updated at	3545 by PHL) - LMI: PHL
1550	IAD VMC ARR:13R/13C DEP:13 ARR(Strat/Dyn):14/04 ARR:OTHER	Updated at	3600 by PCT) - LMI: IAD
1550	ATL VMC DEP:26L/27R ARR:100 RMI:RMI02L Open.	Updated at	3545 by ATL) Fwd by ATL/TMG/BB - LMI: ATL

HURRICANE TELCON PROCEDURE

Step 9: Update the Operational Information System (OIS). Post the time, phone number/pin of the next Hurricane Telcon.

The screenshot shows the OIS web interface in a Mozilla Firefox browser. The page title is "OIS - Mozilla Firefox" and the URL is "https://tms.fiml.nas.faa.gov/ois/". The page contains several tables and sections:

- NATIONAL PROGRAMS:** A table with columns: PROGRAM NAME, START, END, SCOPE, REASON, AVG, AAR, PR, ADVZY, DA. The row shows: SEA, 1500, 0359, ALL+CZV_AP, WEATHER / LOW CEILINGS, 30, 38, 38, 053, DA.
- GROUND STOPS:** A table with columns: ARPT, UPDATE, POE, SCOPE, REASON, ADVZY.
- DELAY INFO:** A table with columns: ARPT, AD, DD, TIME, REASON. The row shows: SEA, , +15, 1531, WX:Low Ceilings.
- VACAPES REQUESTS:** A table with columns: AREA, REQ/APVL, ALTITUDE, TIME, REMARKS.
- CANCELLED INITIATIVES:** A table with columns: ARPT, TYPE, TIME CANCELLED.
- AIRPORT CLOSURES:** A table with columns: ARPT, TIME, REASON, REOPEN.
- PRECISION RUNWAY MONITOR UTILIZATION:** A table with columns: ARPT, START, END, AAR.
- MISCELLANEOUS:** A section containing the text: "NEXT PLANNING TELCON: 1715Z" and "CLT NEW METROPLEX TELCON THROUGH 7/23/16".

On the left side of the interface, there is a sidebar with the ATCSCC OIS SYSTEM logo and the text "07 22 16" and "1558:31". Below the logo is a "Main Menu" with links to Summary, Contingency Plan, Planned Outages, System Impact Reports, Int'l Summary, Schedules, Day, Mid, Eve, East Directory, West Directory, Severe WX, and ODC Diane.

HURRICANE TELCON PROCEDURE

Step 10: Keep all NHC's public advisories along with any DCC advisories. Create a hurricane folder and keep all NHC's public advisories, DCC's Hurricane advisories and any related materials.

Step 11: The time to discontinue the Hurricane Telcons will be determined by the NOM after consulting the Hurricane Desk/IO Position and the Planner. These conferences will generally end once the impact to Air Traffic has passed.

TELCON Format/Guidelines

HURRICANE TELCON FORMAT/GUIDELINES

INTRODUCTION:

- Welcome to the 1200z/2200z Hurricane (name) Operational Telcon, (introducing yourself is optional).
- Provide a brief overview of your telcon format, i.e. DCC WX Unit first followed by FAA Facilities/ANSP's, Airport Authorities, NOCC, additional input and questions.

GO TO THE DCC WEATHER UNIT FOR AN UPDATE ON THE HURRICANE STATUS:

- DCC WX will provide an overview of the Hurricane. Some things they may include are the storm direction, speed and forecasted path. Include a recap of all warnings and watches as specified in the NHC Public Advisory.

GO TO THE FAA FACILITIES/ANSP's:

- Discuss the Hurricane's Previous impact the Air Traffic (if practical) followed by the expected future impact.
- Ask about route closures, staffing (will employees be sent home before the storm), equipment/NAVAID status, ATC Alerts/Zero. Will ATC Towers be evacuated, what wind velocity might cause the evacuation? Any flooding concerns?

GO TO THE AIRPORT AUTHORITIES:

- Discuss planned closures, Flight cancellations, flooding concerns, staffing (will employees be sent home before the storm?), can the airport/s accept diversions? Will mass transit be available (what wind velocity will shut down the system, will there be staffing limitations?).

GO TO NOCC:

- They will provide an update on the equipment/navaid status.
- Are there any planned radar shutdowns? What will the trigger be, i.e. wind velocity?

GO TO THE DCC MILITARY UNIT *IF CONDITIONS WARRANT*

- Depending on the strength of the storm, the Military may decide to re-position aircraft to a safer location. The DCC Military Cell will have this information and provide a briefing. You may have to ask them to participate on your telcon. This is typically of interest to the ARTCCs.

GO TO THE CUSTOMERS FOR QUESTIONS, CONCERNS, INPUT

- Questions you may have for the customers might include, planned flight cancellations or perhaps a planned increase in flights for evacuation/recovery efforts.
- Based on the stage of the storm you may want to ask when they expect to resume normal operations.

ANNOUNCE THE NEXT HURRICANE TELCON AND ISSUE THE ADVISORY

HURRICANE TELCON FORMAT

Introduction:

- Welcome to the 1230z/2200z Hurricane (name) Operational Telcon.
- Provide a brief overview of your telcon format, i.e. DCC WX Unit first, followed by FAA Facilities/ Air Navigation Service Provider (ANSP's), Airport Authorities, National Operation Control Center (NOCC), additional input and questions.

HURRICANE TELCON FORMAT

Go to the DCC Weather Unit for an update on the Hurricane status:

- DCC WX will provide an overview of the Hurricane. Some things they may include are the storm direction, speed and forecasted path. Include a recap of all warnings and watches as specified in the NHC Public Advisory.

HURRICANE TELCON FORMAT

Go to the FAA Facilities/ANSP's:

- Discuss the Hurricane's Previous impact to Air Traffic (if practical) followed by the expected future impact.
- Ask about route closures, staffing (will employees be sent home before the storm), equipment/NAVAID status, ATC Alerts/Zero. Will ATC Towers be evacuated, what wind velocity might cause the evacuation? Any flooding concerns?

HURRICANE TELCON FORMAT

Go to the Airport Authorities:

- Discuss planned closures, flight cancellations, flooding concerns, staffing (will employees be sent home before the storm), can the airport/s accept diversions, will mass transit be available (what wind velocity will shut down the system, will there be staffing limitations).

Go to NOCC:

- They will provide an update on the equipment/navaid status.
- Are there any planned radar shutdowns? What will the trigger be, i.e. wind velocity?

HURRICANE TELCON FORMAT

Go to the Air Traffic Services CELL *If Conditions Warrant*

- Depending on the strength of the storm, the Military may decide to re-position aircraft to a safer location. The DCC Military Cell will have this information and provide a briefing. You may have to ask them to participate on your telcon. This is typically of interest to the ARTCCs.

HURRICANE TELCON FORMAT

Go to the customers for questions, concerns, input:

- Questions you may have for the customers might include planned flight cancellations or perhaps a planned increase in flights for evacuation/recovery efforts.
- Based on the stage of the storm, you may want to ask when they expect to resume normal operations.

**ANNOUNCE THE NEXT HURRICANE TELCON AND
ISSUE THE ADVISORY**

TELCON ADVISORY TEMPLATE

This template is saved in the email tool.

Select:
View/Import,
Saved Msgs,
hurricane_telcon_
advisory.adzy

DCC XX/XX/XX TROPICAL STORM/HURRICANE TELCON_FYI

IMPACTED AREA: [STATE NAME OF STORM AND DESCRIBE IMPACT FOR NEXT 24 HOURS. IF MULTIPLE STORMS LIST SEPERATELY HERE AND IN BODY]

1. [STORM NAME]
PUBLIC ADVISORY - [NHC ADVISORY REFERENCED]
LOCATION - [AS STATED IN NHC ADVISORY]
- HURRICANE WARNING FOR XXX
- HURRICANE WATCH XXX

AIRPORT CLOSURES- REFER TO NOTAMS FOR UPDATED LISTING
ROUTE CLOSURES - XXX

EASTERN CARIB - PIARCO
- ZNY OCEAN
- ZSU

CENTRAL CARIB - ZMA
- SANTO DOMINGO
- KINGSTON
- HAVANA

WESTERN CARIB - ZHU
- CCFMEX/ZMR
- COCESNA

DAILY TELCONS WILL OCCUR AT 1230Z AND 2200Z.
CUSTOMERS AND FACILITIES NOTE NEXT PLANNING TELCON XX/XXXXZ
TO PARTICIPATE CALL USA NUMBER 540-359-3200, PIN 2333#.
ALTERNATE USA PHONE NUMBER 540-422-5318

REMARKS: FOLLOWING FACILITIES ARE ENCOURAGED TO PARTICIPATE:
[LIST EXPECTED IMPACTED FACILITIES]

REPLACES ATCSCC ADVZY XXX
DDHHMM-DDHHMM

Sample Hurricane Advisory

If you are going to add NOTAM numbers to the advisory, it is recommended to add a disclaimer:

“These NOTAM numbers were current at the time this advisory was issued but are subject to change. Check current NOTAMS for updates.”

HURRICANE IRENE UPDATE_FYI

UPDATES ADVISORY 045

OVERVIEW:

THE TROPICAL STORM WARNING FROM OCRACOCKE INLET NORTH CAROLINA TO CAPE CHARLES LIGHT VIRGINIA... INCLUDING PALMICO... ALBERMARLE... AND CURRITUCK SOUNDS AND CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT... IS DISCONTINUED.

A HURRICANE WARNING IS IN EFFECT FOR... CHINOTEAGUE VIRGINIA NORTHWARD TO SAGAMORE BEACH MASSAGUSETTS... INCLUDING DELAWARE BAY... NEW YORK CITY... LONG ISLAND... LONG ISLAND SOUND... COASTAL CONNECTICUT AND RHODE ISLAND... BLOCK ISLAND... MARTHAS VINEYARD AND NANTUCKET.

A TROPICAL STORM WARNING IS IN EFFECT FOR NORTH OF CAPE CHARLES LIGHT TO SOUTH OF CHINCOTEAGUE VIRGINIA... INCLUDING CHESAPEAKE BAY NORTH OF NEW POINT COMFORT AND THE TIDAL POTOMAC... NORTH OF SAGAMORE BEACH TO EASTPORT MAINE.

THE CENTER OF IRENE WILL MOVE NEAR NEW YORK CITY THIS MORNING... AND MOVE INLAND OVER SOUTHERN NEW ENGLAND BY THIS AFTERNOON... IRENE IS FORECAST TO MOVE INTO EASTERN CANADA TONIGHT.

MAX SUSTAINED WINDS: 75 MPH

MOVEMENT: N-NE NEAR 25 MPH

TERMINAL CONSTRAINTS:

BOS/PHL/NY METROS-WIND/RAIN/LOCIGS

AIRPORT INFORMATION:

ACY-NOTAM 08/088

CDW-NOTAM 08/006

EWR-NOTAM 08/182

HPN-NO AD NOTAM IN PLACE... TOWER IS CLOSED

ISP-NOTAM 08/151

JFK-NOTAM 08/272

LGA-NOTAM 08/082

MMU-NOTAM 08/024

PHL-NOTAM 08/187... POSSIBLE RE-OPENING AT 2000Z

SWF-NOTAM 08/084

TEB-NOTAM 08/140

ENROUTE CONSTRAINTS:

ZNY/ZBW-TSTMS

HURRICANE DESK: 540-359-3158

NEXT HURRICANE TELCON: XX/XXXXZ.

540-359-3200 PIN 2333#

A satellite image of Earth showing a large hurricane system over the Atlantic Ocean. The hurricane is characterized by a distinct eye and a dense, swirling cloud structure. The surrounding ocean is dark blue, and the landmasses are visible in shades of green and brown. The word "Questions?" is overlaid in large white text on the left side of the image.

Questions?

Thank you
tom.a.nielson@faa.gov