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Route Standard Briefing at May 1, 1525Z for N733KZ KUNV to KBTP

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\*\*\*\*\* KUNV (Departure) Closest Terminal Weather \*\*\*\*\*

SPECI KUNV 011517Z Special, University Park, State College, PA (KUNV). May 1, 1517Z. Wind from 170°; at 4 knots, 7 statute miles visibility, Ceiling is Overcast at 1,300 feet, Temperature 12°C, Dewpoint 10°C, Altimeter is 30.30.

METAR KUNV 011453Z University Park, State College, PA (KUNV). May 1, 1453Z. Wind from 190°; at 7 knots, 7 statute miles visibility, Ceiling is Overcast at 1,000 feet, Temperature 12°C, Dewpoint 10°C, Altimeter is 30.30.

METAR KUNV 011353Z University Park, State College, PA (KUNV). May 1, 1353Z. Mist, Wind from 150°; at 6 knots, 6 statute miles visibility, Ceiling is Overcast at 1,200 feet, Temperature 12°C, Dewpoint 10°C, Altimeter is 30.32.

SPECI KUNV 011339Z Special, University Park, State College, PA (KUNV). May 1, 1339Z. Mist, Wind from 150°; at 6 knots, 5 statute miles visibility, Ceiling is Overcast at 1,100 feet, Temperature 12°C, Dewpoint 10°C, Altimeter is 30.32.

METAR KUNV 011253Z University Park, State College, PA (KUNV). May 1, 1253Z. Mist, Wind from 150°; at 3 knots, 4 statute miles visibility, Ceiling is Overcast at 900 feet, Temperature 12°C, Dewpoint 11°C, Altimeter is 30.32.

University Park, State College, PA (KUNV). Amended May 1, 1344Z, valid from May 1, 1400Z until May 2, 1200Z, Wind from 150°; at 6 knots, 5 statute miles visibility, Mist, Ceiling is Overcast at 1,100 feet

From May 1, 1500Z, Wind from 180°; at 8 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 1,200 feet

From May 1, 1700Z, Wind from 150°; at 8 knots with gusts to 15 knots, greater than 6 statute miles visibility, Ceiling is Broken at 3,000 feet

From May 1, 2000Z, Wind from 200°; at 11 knots, greater than 6 statute miles visibility, Scattered Clouds at 2,500 feet, Ceiling is Broken at 15,000 feet.

\*\*\*\*\* KUNV (Departure) NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

==== Apron NOTAMs ====

!UNV 03/061 University Park, State College, PA (KUNV) Apron general aviation ramp work in progress construction Mar 25, 2019 1326Z to May 31, 2019 2100Z Estimated

==== FDC NOTAMs ====

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!FDC 8/8163 KUNV IAP UNIVERSITY PARK, State College, PA. ILS OR LOC RWY 24, AMDT 9C... RNAV (GPS) RWY 24, AMDT 1A... RNAV (GPS) RWY 6, AMDT 2A... VOR-B, AMDT 11A... NOTE: ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. 02 NOV 21:15 2018 UNTIL 14 JUN 21:15 2019 ESTIMATED. CREATED: 02 NOV 21:16 2018

\*\*\*\*\* KBTP (Destination) Closest Terminal Weather \*\*\*\*\*  
METAR for KBTP is not available

SPECI KBTP 011425Z AUTO Special, Pittsburgh/Butler Regional, Butler, PA (KBTP). May 1, 1425Z, Automated. Wind from 190°; at 7 knots variable 150°; to 210°; 10 statute miles visibility, Ceiling is Broken at 5,500 feet, Temperature 22°C, Dewpoint 16°C, Altimeter is 30.17. Remarks: automated station with precipitation discriminator

SPECI KBTP 011410Z AUTO Special, Pittsburgh/Butler Regional, Butler, PA (KBTP). May 1, 1410Z, Automated. Haze, Wind from 170°; at 7 knots, 3/4 statute mile visibility, Scattered Clouds at 5,000 feet, Temperature 21°C, Dewpoint 16°C, Altimeter is 30.17. Remarks: automated station with precipitation discriminator RVRNO

METAR KBTP 011356Z AUTO Pittsburgh/Butler Regional, Butler, PA (KBTP). May 1, 1356Z, Automated. Wind from 180°; at 7 knots, 10 statute miles visibility, Clear Skies, Temperature 21°C, Dewpoint 16°C, Altimeter is 30.18. Remarks: automated station with precipitation discriminator sea level pressure 1022.2 hectopascals hourly temp 20.6°C dewpoint 15.6°C PNO \$

METAR KBTP 011256Z AUTO Pittsburgh/Butler Regional, Butler, PA (KBTP). May 1, 1256Z, Automated. Wind from 150°; at 7 knots, 10 statute miles visibility, Ceiling is Broken at 6,000 feet, Temperature 18°C, Dewpoint 14°C, Altimeter is 30.18. Remarks: automated station with precipitation discriminator sea level pressure 1022.3 hectopascals hourly temp 17.8°C dewpoint 14.4°C PNO \$

TAF for KBTP is not available. For additional forecast information, please refer to other forecast sections in this briefing

\*\*\*\*\* KBTP (Destination) NOTAMS \*\*\*\*\*

All published NOTAMS are available in the Notices to Airmen Publication (NTAP).

==== Service NOTAMS ====

!BTP 04/009 Pittsburgh/Butler Regional, Butler, PA (KBTP) Service automated weather broadcast system not available May 01, 2019 1330Z to May 01, 2019 1830Z

==== Obstruction NOTAMS ====

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!BTP 04/007 Pittsburgh/Butler Regional, Butler, PA (KBTP) Obstruction tower light (Antenna Structure Registration 1011865) 40° 47' 22.80" North 079° 47' 57.70" West (6.9 nautical miles E BTP) 1,615.2 feet (312.0FT above ground level) out of service Apr 23, 2019 1835Z to Jul 22, 2019 0400Z

!BTP 04/008 Pittsburgh/Butler Regional, Butler, PA (KBTP) Obstruction tower light (Antenna Structure Registration 1260962) 40° 46' 26.70" North 079° 59' 59.40" West (2.2 nautical miles W BTP) 1,422.9 feet (210.0FT above ground level) out of service Apr 25, 2019 1204Z to May 10, 2019 1203Z

\*\*\*\*\* TFR \*\*\*\*\*

The published TFRs and special notices around sporting events, power plants, dams, refineries, military facilities, correctional and law enforcement facilities, as well as all other published NOTAMs, are available in the Notices to Airmen Publication (NTAP).

No current TFR data for this briefing.

\*\*\*\*\* Convective SIGMET \*\*\*\*\*

No current Convective SIGMET data for this briefing.

\*\*\*\*\* SIGMET \*\*\*\*\*

No current SIGMET data for this briefing.

\*\*\*\*\* AIRMET \*\*\*\*\*

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 1st at 1445Z.  
Boston Forecast Area AIRMET Sierra prepared on the 1st at 1445Z.  
AIRMET Sierra update 3 for IFR and mountain obscuration valid until the 1st at 2100Z.  
AIRMET IFR...District of Columbia Delaware Maryland New Jersey New York Pennsylvania Virginia West Virginia And coastal waters  
From 60 miles east-south-east of BUF to 40 miles east-south-east of Mid-State, Philipsburg, PA (PSB) to 40 miles south-south-east of Hancock, Hancock, NY (HNK) to 30 miles southwest of HTO to 90 miles south of HTO to 100 miles east-south-east of SBY to 20 miles north-north-west of ORF to 40 miles east-north-east of LYH to 50 miles east of EKN to 20 miles southwest of JST to 20 miles east-north-east of Chautauqua Co-Jamestown, Jamestown, NY (JHW) to 60 miles east-south-east of BUF  
Ceiling below 1,000 feet/visibility below 3 statute miles mist. Conditions continuing beyond 2100Z through 0300Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 1st at 1445Z.  
Boston Forecast Area AIRMET Sierra prepared on the 1st at 1445Z.  
AIRMET Sierra update 3 for IFR and mountain obscuration valid until the 1st at 2100Z.  
Outlook valid 2100Z to 0300Z  
AREA 2... IFR Connecticut Delaware Massachusetts Maryland New Jersey New York Pennsylvania Rhode Island Virginia Vermont West Virginia And coastal waters  
Bounded by 30 miles east-north-east of ALB to 30 miles west of Nantucket Memorial,

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Nantucket, MA (ACK) to 50 miles south of Nantucket Memorial, Nantucket, MA (ACK) to 90 miles east-south-east of SBY to 40 miles south-south-east of SBY to SBY to 40 miles east of DCA to 40 miles west of Westminster, Westminster, MD (EMI) to 40 miles south of Mid-State, Philipsburg, PA (PSB) to 40 miles northeast of SLT to 30 miles east-north-east of ALB  
Ceiling below 1,000 feet/visibility below 3 statute miles mist. Conditions continuing through 0300Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 1st at 1445Z.  
Boston Forecast Area AIRMET Sierra prepared on the 1st at 1445Z.

AIRMET Sierra update 3 for IFR and mountain obscuration valid until the 1st at 2100Z.

AIRMET Mountain obscuration...Massachusetts Maryland New York Pennsylvania Virginia Vermont West Virginia

From SYR to 30 miles north-north-east of Sparta, Sparta, NJ (SAX) to HAR to 50 miles southwest of CSN to 60 miles south of EKN to 50 miles southwest of JST to Ellwood City, Ellwood City, PA (EWC) to Chautauqua Co-Jamestown, Jamestown, NY (JHW) to SYR  
Mountains obscured by clouds/mist. Conditions continuing beyond 2100Z through 0300Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 1st at 1445Z.  
Boston Forecast Area AIRMET Zulu prepared on the 1st at 1445Z.

AIRMET Zulu update 2 for Ice and freezing level valid until the 1st at 2100Z.

Outlook valid 2100Z to 0300Z

AREA 2... Ice Lake Erie Lake Ontario Massachusetts Maine New Hampshire New York Ohio Pennsylvania Vermont West Virginia And coastal waters

Bounded by Ottawa Macdonald Cartier International (YOW) to 30 miles west of MPV to 30 miles east of MPV to 40 miles east of Kennebunk, Kennebunk, ME (ENE) to 20 miles south of CON to 20 miles south of ALB to 40 miles southeast of Hancock, Hancock, NY (HNC) to 20 miles north-north-east of SLT to 30 miles north-north-west of JST to 20 miles northwest of Bellaire, Bellaire, OH (AIR) to 50 miles south of Fort Wayne, Fort Wayne, IN (FWA) to Fort Wayne, Fort Wayne, IN (FWA) to 30 miles southeast of ECK to Ottawa Macdonald Cartier International (YOW)

Moderate ice between 10,000 feet and flight level 220. Conditions continuing through 0300Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 1st at 1445Z.  
Boston Forecast Area AIRMET Tango prepared on the 1st at 1445Z.

AIRMET Tango update 2 for Turbulence and low level wind shear valid until the 1st at 2100Z.

AIRMET Turbulence...Connecticut Lake Erie Lake Ontario Massachusetts Maryland New Hampshire New Jersey New York Ohio Pennsylvania Virginia Vermont West Virginia

From MSS to 20 miles west-south-west of CON to 20 miles north of HTO to 20 miles south-south-west of Sparta, Sparta, NJ (SAX) to 30 miles west-north-west of CSN to 20 miles west of HMV to Henderson, Henderson, WV (HNN) to Covington/Cincinnati, Covington, KY (CVG) to Fort Wayne, Fort Wayne, IN (FWA) to 30 miles east-north-east of Detroit, Detroit, MI (DXO) to 30 miles west-north-west of CLE to 30 miles east-south-east of Lester B. Pearson International (YYZ) to MSS

Moderate turbulence between 2,000 feet and flight level 180. Conditions continuing beyond 2100Z through 0300Z.

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AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 1st at 1445Z.  
Boston Forecast Area AIRMET Tango prepared on the 1st at 1445Z.

AIRMET Tango update 2 for Turbulence and low level wind shear valid until the 1st at 2100Z.  
Outlook valid 2100Z to 0300Z

AREA 2... Turbulence Connecticut District of Columbia Delaware Lake Erie Lake Ontario  
Massachusetts Maryland Maine New Hampshire New Jersey New York Ohio Pennsylvania  
Rhode Island Virginia Vermont West Virginia And coastal waters

Bounded by 20 miles west of Ottawa Macdonald Cartier International (YOW) to 60 miles west-  
south-west of Sherbrooke (YSC) to 40 miles east-north-east of Gen Edward Lawrence Logan  
International, Boston, MA (BOS) to 40 miles south-south-west of Nantucket Memorial,  
Nantucket, MA (ACK) to 20 miles east-north-east of HMV to Henderson, Henderson, WV  
(HNN) to Covington/Cincinnati, Covington, KY (CVG) to Fort Wayne, Fort Wayne, IN (FWA) to  
30 miles southeast of ECK to 20 miles west of Ottawa Macdonald Cartier International (YOW)  
Moderate turbulence between 2,000 feet and flight level 180. Conditions continuing through  
0300Z.

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 1st at 1445Z.  
Boston Forecast Area AIRMET Tango prepared on the 1st at 1445Z.

AIRMET Tango update 2 for Turbulence and low level wind shear valid until the 1st at 2100Z.

AIRMET Low level wind shear...Lake Erie Lake Ontario New York Ohio Pennsylvania

Bounded by 40 miles north of SYR to 70 miles south-south-west of SYR to 30 miles northeast of  
APE to Fort Wayne, Fort Wayne, IN (FWA) to 20 miles east-north-east of Detroit, Detroit, MI  
(DXO) to 40 miles south-south-east of Detroit, Detroit, MI (DXO) to 40 miles east-south-east of  
Lester B. Pearson International (YYZ) to 40 miles north of SYR

Low level wind shear expect. Conditions continuing beyond 2100Z through 0300Z.

\*\*\*\*\* Center Weather Advisory \*\*\*\*\*

No current Center Weather Advisory data for this briefing.

\*\*\*\*\* Severe Weather \*\*\*\*\*

No current Severe Weather data for this briefing.

\*\*\*\*\* UAS Operating Areas \*\*\*\*\*

UAS Operating Area (UOA). This section of the briefing contains UAS Operating Areas filed on  
the Leidos Pilot Web Portal and UAS operations issued via NOTAM. All published NOTAMs  
are available in the Notices to Airmen Publication (NTAP). Altitude filtering is applied to UOAs  
in this section of the briefing. All UOAs within 10nm of the departure, destination or alternates  
are shown; an en-route UOA is only shown where the flight plan altitude is within 2,000ft of the  
UOA's altitude range.

NOTAM UAS Operating Area AOO\_07/213 DEFINED AS 1NM RADIUS OF PSB SFC-  
2400FT (SFC-400FT AGL) 1807182255-PERM.

UAS Operating Area DEFINED AS 0.2NM RADIUS OF 405633N0785933W (3.2NM WSW  
N35) SFC-300FT AGL 1905051500-1905051800.

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UAS Operating Area DEFINED AS 0.1NM RADIUS OF 403704.60N0790938.70W (2.8NM W  
IDI) SFC-100FT AGL 1905011900-1905011930.

\*\*\*\*\* Surface Observations \*\*\*\*\*

SPECI KUNV 011517Z Special, University Park, State College, PA (KUNV). May 1, 1517Z.  
Wind from 170°; at 4 knots, 7 statute miles visibility, Ceiling is Overcast at 1,300 feet,  
Temperature 12°C, Dewpoint 10°C, Altimeter is 30.30.

METAR KFIG 011454Z AUTO Clearfield Lawrence, Clearfield, PA (KFIG). May 1, 1454Z,  
Automated. Wind from 160°; at 5 knots, 10 statute miles visibility, Ceiling is Overcast at  
1,000 feet, Temperature 14°C, Dewpoint 12°C, Altimeter is 30.26. Remarks:  
automated station with precipitation discriminator sea level pressure 1024.9 hectopascals hourly  
temp 13.9°C dewpoint 11.7°C 3-hour atmospheric pressure steady or increasing,  
then decreasing; or decreasing then decreasing more rapidly by 0.5 hectopascals

METAR KDUJ 011453Z AUTO Dubois Regional, Dubois, PA (KDUJ). May 1, 1453Z,  
Automated. Wind from 150°; at 7 knots, 10 statute miles visibility, Scattered Clouds at  
4,300 feet, Scattered Clouds at 5,000 feet, Ceiling is Broken at 6,000 feet, Temperature  
17°C, Dewpoint 12°C, Altimeter is 30.20. Remarks: automated station with  
precipitation discriminator sea level pressure 1022.6 hectopascals hourly temp 16.7°C  
dewpoint 12.2°C 3-hour atmospheric pressure steady or increasing, then decreasing; or  
decreasing then decreasing more rapidly by 0.3 hectopascals

METAR KIDI 011515Z AUTO Indiana County/J Stewart Fld/, Indiana, PA (KIDI). May 1,  
1515Z, Automated. Wind from 190°; at 9 knots, 10 statute miles visibility, Few clouds at  
5,500 feet, Few clouds at 6,500 feet, Temperature 22°C, Dewpoint 16°C, Altimeter  
is 30.23. Remarks: A01

METAR KBVI 011447Z Beaver County, Beaver Falls, PA (KBVI). May 1, 1447Z. Wind from  
200°; at 12 knots with gusts to 15 knots, 10 statute miles visibility, Scattered Clouds at  
4,800 feet, Temperature 24°C, Dewpoint 15°C, Altimeter is 30.15.

METAR KPIT 011451Z Pittsburgh International, Pittsburgh, PA (KPIT). May 1, 1451Z. Wind  
from 180°; at 8 knots, 10 statute miles visibility, Few clouds at 5,000 feet, Scattered  
Clouds at 16,000 feet, Ceiling is Broken at 24,000 feet, Temperature 24°C, Dewpoint  
16°C, Altimeter is 30.15. Remarks: automated station with precipitation discriminator sea  
level pressure 1021.4 hectopascals hourly temp 23.9°C dewpoint 15.6°C 3-hour  
atmospheric pressure steady or increasing, then decreasing; or decreasing then decreasing more  
rapidly by 0.1 hectopascals

METAR for KBTP is not available

\*\*\*\*\* Pilot Reports \*\*\*\*\*

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Over Punxsutawney Municipal, Punxsutawney, PA (N35), 270° radial at 5 nautical miles,  
Time: 1501Z, Altitude: 3,000 feet, A/C Type: AMD Alarus, Turbulence: Negative

\*\*\*\*\* Synopsis/Surface Analysis \*\*\*\*\*

Surface Analysis Chart -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/SfcAnal\\_CONUS\\_REG\\_201905011330\\_201905011500\\_201905011800\\_363902.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/SfcAnal_CONUS_REG_201905011330_201905011500_201905011800_363902.png)

\*\*\*\*\* Area Forecast \*\*\*\*\*

No current Area Forecast data for this briefing.

\*\*\*\*\* Cloud Coverage \*\*\*\*\*

Cloud Coverage - Northeast 1500z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_NE\\_03\\_201905011500\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_NE_03_201905011500_REG_201905011200_201905011500_201905011800_000003.png)

Cloud Coverage - Northeast 1800z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_NE\\_06\\_201905011800\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_NE_06_201905011800_REG_201905011200_201905011500_201905011800_000006.png)

Cloud Coverage - Northeast 2100z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_NE\\_09\\_201905012100\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_NE_09_201905012100_REG_201905011200_201905011500_201905011800_000009.png)

Cloud Coverage - East 1500z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_E\\_03\\_201905011500\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_03_201905011500_REG_201905011200_201905011500_201905011800_000003.png)

Cloud Coverage - East 1800z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_E\\_06\\_201905011800\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_06_201905011800_REG_201905011200_201905011500_201905011800_000006.png)

Cloud Coverage - East 2100z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_E\\_09\\_201905012100\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_E_09_201905012100_REG_201905011200_201905011500_201905011800_000009.png)

Cloud Coverage - CONUS 1500z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_US\\_03\\_201905011500\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_03_201905011500_REG_201905011200_201905011500_201905011800_000003.png)

Cloud Coverage - CONUS 1800z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_US\\_06\\_201905011800\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_06_201905011800_REG_201905011200_201905011500_201905011800_000006.png)

Cloud Coverage - CONUS 2100z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_CC\\_US\\_09\\_201905012100\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_CC_US_09_201905012100_REG_201905011200_201905011500_201905011800_000009.png)

\*\*\*\*\* Vis, Sfc Winds & Precip \*\*\*\*\*

Vis, Sfc Winds & Precip - Northeast 1500z -

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[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_NE\\_03\\_201905011500\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_NE_03_201905011500_REG_201905011200_201905011500_201905011800_000003.png)

Vis, Sfc Winds & Precip - Northeast 1800z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_NE\\_06\\_201905011800\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_NE_06_201905011800_REG_201905011200_201905011500_201905011800_000006.png)

Vis, Sfc Winds & Precip - Northeast 2100z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_NE\\_09\\_201905012100\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_NE_09_201905012100_REG_201905011200_201905011500_201905011800_000009.png)

Vis, Sfc Winds & Precip - East 1500z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_E\\_03\\_201905011500\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_03_201905011500_REG_201905011200_201905011500_201905011800_000003.png)

Vis, Sfc Winds & Precip - East 1800z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_E\\_06\\_201905011800\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_06_201905011800_REG_201905011200_201905011500_201905011800_000006.png)

Vis, Sfc Winds & Precip - East 2100z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_E\\_09\\_201905012100\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_E_09_201905012100_REG_201905011200_201905011500_201905011800_000009.png)

Vis, Sfc Winds & Precip - CONUS 1500z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_US\\_03\\_201905011500\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000003.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_03_201905011500_REG_201905011200_201905011500_201905011800_000003.png)

Vis, Sfc Winds & Precip - CONUS 1800z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_US\\_06\\_201905011800\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000006.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_06_201905011800_REG_201905011200_201905011500_201905011800_000006.png)

Vis, Sfc Winds & Precip - CONUS 2100z -

[https://www.1800wxbrief.com/Website/Weather/wx\\_data/wx\\_charts/GFA\\_VIS\\_US\\_09\\_201905012100\\_REG\\_201905011200\\_201905011500\\_201905011800\\_000009.png](https://www.1800wxbrief.com/Website/Weather/wx_data/wx_charts/GFA_VIS_US_09_201905012100_REG_201905011200_201905011500_201905011800_000009.png)

\*\*\*\*\* Terminal Forecasts \*\*\*\*\*

TAF nearest departure: KUNV

University Park, State College, PA (KUNV). Amended May 1, 1344Z, valid from May 1, 1400Z until May 2, 1200Z, Wind from 150&#176; at 6 knots, 5 statute miles visibility, Mist, Ceiling is Overcast at 1,100 feet

From May 1, 1500Z, Wind from 180&#176; at 8 knots, greater than 6 statute miles visibility, Ceiling is Overcast at 1,200 feet

From May 1, 1700Z, Wind from 150&#176; at 8 knots with gusts to 15 knots, greater than 6 statute miles visibility, Ceiling is Broken at 3,000 feet

From May 1, 2000Z, Wind from 200&#176; at 11 knots, greater than 6 statute miles visibility, Scattered Clouds at 2,500 feet, Ceiling is Broken at 15,000 feet.

Dubois Regional, Dubois, PA (KDUJ). Issued May 1, 1121Z, valid from May 1, 1200Z until May 2, 1200Z, Wind from 110&#176; at 10 knots, greater than 6 statute miles visibility, Ceiling is Broken at 25,000 feet

From May 1, 1400Z, Wind from 180&#176; at 12 knots with gusts to 22 knots, greater than 6



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statute miles visibility, Scattered Clouds at 4,000 feet

From May 1, 2300Z, Wind from 200°; at 8 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Broken at 5,000 feet

From May 2, 0800Z, Wind from 220°; at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 1,500 feet.

Beaver County, Beaver Falls, PA (KBVI). Issued May 1, 1121Z, valid from May 1, 1200Z until May 2, 1200Z, Wind from 120°; at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 20,000 feet, wind shear surface to 1,500 feet, wind from 210°; at 35 knots

From May 1, 1400Z, Wind from 200°; at 12 knots with gusts to 22 knots, greater than 6 statute miles visibility, Scattered Clouds at 4,000 feet

From May 1, 2300Z, Wind from 200°; at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 12,000 feet

From May 2, 0900Z, Wind from 220°; at 5 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Broken at 2,500 feet.

Pittsburgh International, Pittsburgh, PA (KPIT). Amended May 1, 1455Z, valid from May 1, 1500Z until May 2, 1800Z, Wind from 200°; at 12 knots with gusts to 22 knots, greater than 6 statute miles visibility, Scattered Clouds at 4,000 feet

From May 1, 2300Z, Wind from 190°; at 5 knots, greater than 6 statute miles visibility, Ceiling is Broken at 15,000 feet

From May 2, 0900Z, Wind from 220°; at 5 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Ceiling is Broken at 2,500 feet

From May 2, 1600Z, Wind from 230°; at 10 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Ceiling is Broken at 3,500 feet Cumulonimbus.

\*\*\*\*\* Convective Outlook \*\*\*\*\*

ACUS01 KWNS 011259

SWODY1

SPC AC 011257

DAY 1 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

0757 AM CDT WED MAY 01 2019

VALID 011300Z - 021200Z

...THERE IS AN ENHANCED RISK OF SEVERE THUNDERSTORMS ACROSS PARTS OF NORTH TEXAS AND EXTREME SOUTHERN OKLAHOMA...

...SUMMARY...

THE GREATEST POTENTIAL FOR SEVERE THUNDERSTORMS WILL BE FROM MIDDAY

THROUGH EVENING, ACROSS PARTS OF NORTH TEXAS AND EXTREME SOUTHERN

OKLAHOMA.

...SYNOPSIS...

AS A MAJOR MID/UPPER-LEVEL CYCLONE CONTINUES SLOW RETROGRESSION ACROSS NORTHWESTERN CANADA, THE ASSOCIATED LONGWAVE TROUGH WILL

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BE

MAINTAINED OVER THE WESTERN CONUS. RELATED SOUTHWESTERLY FLOW ALOFT

WILL COVER MOST OF THE NATION FROM THE GREAT PLAINS TO THE SOUTHERN/

CENTRAL APPALACHIANS AND UPPER OHIO VALLEY. A LEADING SHORTWAVE TROUGH -- INITIALLY LOCATED OVER SOUTHERN LAKE MICHIGAN AND IL -- WILL CONTINUE TO WEAKEN AND EJECT NORTHEASTWARD, REACHING THE NORTH-SOUTH PART OF THE QC/ON BORDER BY 00Z. A MORE-SUBSTANTIAL SHORTWAVE TROUGH -- APPARENT IN MOISTURE-CHANNEL IMAGERY OVER WY AND

UT -- WILL PIVOT EAST-NORTHEASTWARD OVER THE NORTHERN PLAINS THIS EVENING, REACHING THE UPPER MISSISSIPPI VALLEY BY 12Z. FARTHER SOUTH, IN THE CYCLONIC/SOUTHWESTERLY FETCH COVERING THE SOUTHERN/CENTRAL PLAINS, PERTURBATIONS WILL BE SMALLER AND MORE SUBTLE, SOME

OF THEM ENHANCED OR INDUCED BY CONVECTIVE PROCESSES.

AT THE SURFACE, A LOW WAS ANALYZED NEAR ORD, WITH QUASISTATIONARY FRONTAL ZONE SOUTHWESTWARD ACROSS NORTHERN MO, SOUTHEASTERN KS, WESTERN OK, THE TX PANHANDLE, AND SOUTHEASTERN CO. A WARM FRONT WAS

DRAWN EAST-SOUTHEASTWARD OVER OH. THE LOW WILL MIGRATE EASTWARD ACROSS SOUTHERNMOST ON AND ALONG THE NORTHWARD-MOVING WARM FRONT,

REACHING LAKE ONTARIO BY 00Z. LITTLE MOVEMENT OF THE SYNOPTIC FRONT IS EXPECTED DURING THAT TIME; HOWEVER, CONVECTIVE/OUTFLOW BOUNDARIES

TO ITS SOUTH (ESPECIALLY OVER THE NORTH TX/SOUTHERN OK WILL BE A MORE-IMPORTANT CONVECTIVE INFLUENCE. THE PRIMARY SUCH BOUNDARY (PRODUCED AND REINFORCED BY MULTIPLE ANTECEDENT CONVECTIVE EPISODES)

WAS DRAWN FROM THE DYR/MEM AREA SOUTHWESTWARD ACROSS SOUTHERN AR AND

EXTREME NORTHEAST TX, ROUGHLY FOLLOWING THE RED RIVER TO E OF SPS, INTERSECTING A RESIDUAL FRONTAL ZONE THAT EXTENDED SOUTHWESTWARD TO

THE SNK/SWW AREA. THE COMBINED BOUNDARY WILL OSCILLATE ON THE MESOSCALE TODAY BUT REMAIN OVER THE SAME GENERAL REGION. A DRYLINE

WILL MIX EASTWARD OUT OF FAR WEST TX AND EXTREME SOUTHEASTERN NM, REACHING THE PERMIAN BASIN AND NORTHERN COAHUILA THIS AFTERNOON.

...SOUTHERN PLAINS...

SCATTERED TO LOCALLY NUMEROUS THUNDERSTORMS ARE EXPECTED, PERHAPS IN

MULTIPLE EPISODES, WITH ALL SEVERE HAZARDS POSSIBLE. ANOTHER MESSY SCENARIO IS APPARENT WITH CONCERNS OVER TIMING, LOCATION, AND RATE

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OF UPSCALE GROWTH LENDING CONSIDERABLE UNCERTAINTY TO SPECIFICS OF THE OUTLOOK, DESPITE UNCONDITIONAL PROBABILITIES MEETING "ENHANCED" THRESHOLDS. STILL, LARGE HAIL -- SOME POTENTIALLY DAMAGING AND SIGNIFICANT AT 2 INCHES OR MORE -- IS POSSIBLE, ESPECIALLY WITH RELATIVELY DISCRETE SUPERCELLS THE FIRST FEW HOURS OF THE CONVECTIVE CYCLE, AND IN WESTERN PORTIONS WHERE LAPSE RATES AND BUOYANCY WILL BE RELATIVELY MAXIMIZED. DAMAGING GUSTS ULTIMATELY MAY BE THE MOST COMMON REPORT TYPE, GIVEN THE POTENTIAL FOR ONE OR MORE CLUSTERS OF THUNDERSTORMS TO EVOLVE UPSCALE INTO AN MCS AND SURGE EASTWARD ACROSS NORTH-CENTRAL TX WHILE LOW-LEVEL WIND FIELDS ARE NOT FORECAST TO BE AS STRONG TODAY AS YESTERDAY OVER AREAS OF GREATEST BUOYANCY, STORM/BOUNDARY INTERACTIONS AND STORM-SCALE PROCESSES STILL SHOULD SUPPORT SOME TORNADO POTENTIAL. RICH LOW-LEVEL MOISTURE, WITH DEW POINTS COMMONLY IN THE 60S TO NEAR 70 F, WILL UNDERLIE STEEP MIDLEVEL LAPSE RATES, SUPPORTING 3000-4000 J/KG PRECONVECTIVE MLCAPE, LOCALLY HIGHER. A LACK OF STRONG CINH OVER NORTHWEST/NORTH-CENTRAL TX SUGGESTS THE POTENTIAL FOR SOMEWHAT EARLY INITIATION (PERHAPS AS SOON AS MIDDAY) AND RAPID SPREAD OF CONVECTION, FURTHER COMPLICATING THE SCENARIO. STILL, UPSCALE EVOLUTION INTO A DAMAGING THUNDERSTORM COMPLEX APPEARS PROBABLE SOMETIME THIS AFTERNOON INTO EARLY EVENING, WHICH THEN WOULD EXPAND/SHIFT INTO A STRONGLY BUOYANT AIR MASS ACROSS THE REST OF NORTH TX AND PERHAPS PARTS OF SOUTHERN OK, NEAR AND SOUTH OF THE RESIDUAL OUTFLOW BOUNDARIES. SOME HAIL RISK IS MAINTAINED FARTHER NORTH ACROSS MUCH OF OK AS WELL, WHERE A RENEWING FETCH OF STEEP MIDLEVEL LAPSE RATES (OF EML ORIGIN), ELEVATED LIFT, FAVORABLE DEEP SHEAR, AND WEAK MUCINH WILL BE PRESENT. THIS POTENTIAL MAY INCLUDE LEFT-MOVING CELLS SPLITTING OFF CONVECTION CLOSER TO THE RED RIVER OR FORMING IN SITU.

...CENTRAL HIGH PLAINS...

WIDELY SCATTERED TO ISOLATED THUNDERSTORMS, PERHAPS INCLUDING A SUPERCELL OR TWO, SHOULD OCCUR THIS AFTERNOON OVER THE HIGH PLAINS OF EAST-CENTRAL/SOUTHEASTERN CO, SOUTHWESTERN KS, AND PERHAPS PARTS OF THE OK PANHANDLE, WITH ISOLATED SEVERE GUSTS/HAIL POSSIBLE. THIS ACTIVITY AND/OR ADDITIONAL DEVELOPMENT WILL BE POSSIBLE INTO THE EVENING AND OVERNIGHT HOURS, SOUTHEASTWARD ACROSS MORE OF SOUTHWESTERN KS, THE PANHANDLES AND PERHAPS NORTHWESTERN OK,

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ALSO

OFFERING A MARGINAL HAIL/WIND RISK.

INITIATION IS EXPECTED THIS AFTERNOON IN AND NEAR A CONVERGENCE BELT CORRESPONDING TO THE FRONTAL ZONE, AND FORMING THE NORTHEASTERN BOUND OF CONSIDERABLY DRIER AIR TO ITS SOUTHWEST. SUPPORT ALOFT WILL BE PROVIDED BY THE WESTERN SHORTWAVE TROUGH, IN THE DIRECT FORM

OF PERIPHERAL MIDLEVEL DCVA/DESTABILIZATION, AS WELL AS FAVORABLE DEEP SHEAR FROM THE TIGHTENED HEIGHT GRADIENT ALOFT AND BACKED LOW-LEVEL WINDS ON THE POLEWARD SIDE OF THE FRONT. ADDITIONAL LIFT MAY ARISE BENEATH THE RIGHT-ENTRANCE REGION OF A CYCLONICALLY CURVED

250-MB JET MAX. 50-60-KT EFFECTIVE-SHEAR MAGNITUDES ARE POSSIBLE.

A NARROW CORRIDOR OF AT LEAST MARGINALLY FAVORABLE BUOYANCY IS EXPECTED TO DEVELOP NEAR A BOUNDARY-LAYER THETA-E AXIS EXTENDING NORTHWESTWARD FROM THE CONVECTIVELY PROCESSED (BUT STILL MOIST) LOW

LEVELS IN OK, WITH DIABATIC HEATING YIELDING SURFACE-BASED INFLOW PARCELS AND A WELL-MIXED SUBCLOUD LAYER BENEATH 500-1000 J/KG MLCAPE.

...OHIO VALLEY/CENTRAL APPALACHIANS...

WIDELY SCATTERED THUNDERSTORMS ARE POSSIBLE THIS AFTERNOON, OFFERING

SPORADIC WIND DAMAGE, WITH ISOLATED SEVERE (50+ KT) GUSTS AND MARGINALLY SEVERE HAIL POSSIBLE. A NARROW CORRIDOR OF FAVORABLE RETURN-FLOW MOISTURE SHOULD ADVECT NORTHEASTWARD THROUGH THE WARM

SECTOR JUST AHEAD OF THE FRONT, WITH SURFACE DEW POINTS IN THE MID 50S TO LOW 60S F. THIS WILL OFFSET MODEST MIDLEVEL LAPSE RATES TO YIELD A FIELD OF 500-1000 J/KG MLCAPE FOR A FEW HOURS THIS AFTERNOON, WITH SURFACE-BASED EFFECTIVE-INFLOW PARCELS AT LEAST BRIEFLY POSSIBLE AS FAR NORTHEAST AS WESTERN NY. LOW-LEVEL AND DEEP-TROPOSPHERIC SPEED SHEAR SHOULD BE FAVORABLE, THOUGH THE PREFRONTAL FLOW WILL BE NEARLY UNIDIRECTIONAL IN VERTICAL PROFILE. ISOLATED TO WIDELY SCATTERED THUNDERSTORMS ALSO MAY DEVELOP THIS AFTERNOON OVER HIGHER TERRAIN NEAR THE BLUE RIDGE, SOUTH OF THE MASON-DIXON LINE IN VA/MD/WV, WITH THE POTENTIAL FOR ISOLATED HAIL/GUSTS NEAR SEVERE LIMITS IN THE MOST INTENSE CELLS. A SPATIAL GAP IS APPARENT BETWEEN THIS REGIME AND THE NEAR-FRONTAL CONVECTION

DESCRIBED ABOVE, AND HAS BEEN REPRESENTED IN THIS UPDATE.

..EDWARDS/SMITH.. 05/01/2019

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ACUS02 KWNS 010521

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SWODY2

SPC AC 010521

DAY 2 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

1221 AM CDT WED MAY 01 2019

VALID 021200Z - 031200Z

...THERE IS A SLIGHT RISK OF SEVERE THUNDERSTORMS THURSDAY  
AFTERNOON

AND EVENING ACROSS PARTS OF THE LOWER OHIO VALLEY AND CENTRAL  
TEXAS...

...SUMMARY...

A FEW SEVERE THUNDERSTORMS ARE POSSIBLE, MAINLY THURSDAY  
AFTERNOON

AND EVENING, ACROSS PARTS OF THE LOWER OHIO VALLEY, AS WELL AS  
PORTIONS OF CENTRAL TEXAS.

...SYNOPSIS...

BLOCKING APPEARS LIKELY TO REMAIN PROMINENT ACROSS THE EASTERN  
PACIFIC THROUGH THIS PERIOD, WITH SPLIT MID-LATITUDE WESTERLIES  
CONVERGING INTO DOWNSTREAM TROUGHING, INLAND OF THE PACIFIC COAST.  
AS THE REMNANTS OF A BROAD, DEEP MID-LEVEL CLOSED LOW UNDERGO  
FURTHER DEFORMATION NEAR/EAST OF THE CANADIAN ROCKIES, THE  
TROUGHING

TO THE SOUTH, PARTICULARLY WITHIN THE NORTHERN BRANCH, MAY  
BROADEN

AND ENCOMPASS MUCH OF THE INTERIOR UNITED STATES. SUBTROPICAL  
RIDGING CENTERED OFF THE SOUTH ATLANTIC COAST MAY BEGIN TO WEAKEN,  
BUT SOUTHERN STREAM RIDGING MAY REMAIN AN INFLUENCE ACROSS  
PORTIONS

OF THE SOUTHEAST.

ONE SIGNIFICANT SHORT WAVE PERTURBATION WITHIN THIS REGIME IS  
FORECAST TO PROGRESS NORTHEAST OF THE CANADIAN/U.S. BORDER,  
NEAR/NORTHWEST OF THE UPPER GREAT LAKES REGION. AS IT DOES, IT  
STILL APPEARS THAT ASSOCIATED MID-LEVEL HEIGHT FALLS AND STRONGER  
SOUTHWESTERLY MID-LEVEL FLOW WILL REMAIN WELL TO THE NORTH OF A  
QUASI-STATIONARY SURFACE FRONTAL ZONE, INITIALLY EXTENDING FROM  
PARTS OF THE NORTHERN MID ATLANTIC REGION THROUGH THE SOUTHERN  
GREAT

LAKES AND OHIO VALLEY, INTO THE CENTRAL AND SOUTHERN PLAINS. ANY  
ASSOCIATED WAVE DEVELOPMENT ALONG THE FRONT IS EXPECTED TO REMAIN  
WEAK, BUT A PORTION OF THE FRONT MAY SURGE SOUTHWARD THROUGH THE  
TEXAS SOUTH PLAINS BY LATE THURSDAY NIGHT.

A CONTINUING SOUTHERLY RETURN FLOW AROUND THE  
WESTERN/NORTHWESTERN

PERIPHERY OF THE REMNANT SOUTHEASTERN LOW-LEVEL RIDGING WILL  
MAINTAIN SEASONABLY MOIST CONDITIONS ALONG AND SOUTH OF THE FRONT,  
FROM THE SOUTHERN PLAINS INTO THE MID ATLANTIC. MODELS SUGGEST

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THAT  
THIS MAY CONTRIBUTE TO AT LEAST WEAK TO MODERATE BOUNDARY-LAYER  
DESTABILIZATION IN THE PRESENCE OF MODEST VERTICAL SHEAR ACROSS  
MUCH  
OF THIS CORRIDOR. THIS ENVIRONMENT IS EXPECTED TO SUPPORT SCATTERED  
THUNDERSTORM ACTIVITY ACCOMPANIED BY AT LEAST SOME RISK FOR  
SEVERE  
HAIL AND WIND.

...OZARK PLATEAU THROUGH THE OHIO VALLEY...

OUTPUT OF THE VARIOUS MODELS ALL APPEARS TO SUGGEST THAT A REMNANT  
MESOSCALE CONVECTIVE VORTEX (MCV), AND ASSOCIATED THUNDERSTORM  
DEVELOPMENT, MAY BE IN THE PROCESS OF SPREADING ACROSS PARTS OF THE  
OZARK PLATEAU AT THE OUTSET OF THE PERIOD. INITIAL CONVECTION  
PROBABLY WILL CONTINUE TO WEAKEN THURSDAY MORNING, BUT AS THE  
MCV

MIGRATES WITHIN SOUTHWESTERLY MEAN FLOW, TOWARD THE OHIO VALLEY,  
REDEVELOPMENT AND INTENSIFICATION OF STORMS APPEARS POSSIBLE IN THE  
PRESENCE OF A DESTABILIZING ENVIRONMENT. DURING THE PEAK LATE  
AFTERNOON INSTABILITY, MOST LIKELY ACROSS THE LOWER OHIO VALLEY,  
AND

INCLUDING MIXED-LAYER CAPE ON THE ORDER OF 1000-2000 J/KG, STORMS  
MAY BECOME SEVERE, AIDED BY A BELT OF 30-40 KT SOUTHWESTERLY FLOW IN  
THE 850-500 MB LAYER. THE EVOLUTION OF ANOTHER UPSCALE GROWING  
CONVECTIVE SYSTEM MAY BE POSSIBLE, ACCOMPANIED BY POTENTIAL FOR  
STRONG SURFACE GUSTS.

...TEXAS...

MODELS INDICATE THAT LARGE MIXED-LAYER CAPE (2000-3000+ J/KG) WILL  
DEVELOP BY THURSDAY AFTERNOON, WITH STRONG HEATING BENEATH STEEP  
MID-LEVEL LAPSE RATES ACROSS PARTS OF THE TEXAS SOUTH PLAINS AND  
EDWARDS PLATEAU/HILL COUNTRY, INTO CENTRAL TEXAS. THIS WILL BE  
FOCUSED JUST AHEAD OF THE COLD FRONT, WHERE FORCING FOR ASCENT,  
PERHAPS AIDED BY A SOUTHERN STREAM IMPULSE, MAY SUPPORT THE  
INITIATION OF THUNDERSTORMS. ALTHOUGH LOWER/MID TROPOSPHERIC WIND  
FIELDS AND SHEAR MAY NOT BE PARTICULARLY STRONG, THE ENVIRONMENT  
WILL STILL PROBABLY BECOME CONDUCIVE TO SEVERE STORMS CAPABLE OF  
PRODUCING LARGE HAIL AND POTENTIALLY DAMAGING  
DOWNBURSTS. UPSCALE  
GROWTH ON SOUTHWARD SURGING AND CONSOLIDATING OUTFLOWS APPEARS  
POSSIBLE BEFORE CONVECTION WEAKENS THURSDAY NIGHT.

...MAXIMUM RISK BY HAZARD...

TORNADO: 2% - MARGINAL

WIND: 15% - SLIGHT

HAIL: 15% - SLIGHT

..KERR.. 05/01/2019

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ACUS03 KWNS 010725

SWODY3

SPC AC 010724

DAY 3 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

0224 AM CDT WED MAY 01 2019

VALID 031200Z - 041200Z

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS FRIDAY ACROSS PARTS OF TEXAS AND THE NORTHERN MID ATLANTIC COAST REGION...

...SUMMARY...

THERE APPEARS AT LEAST SOME RISK FOR THE DEVELOPMENT OF SEVERE STORMS ACROSS PARTS OF TEXAS AND THE NORTHERN MID ATLANTIC COAST REGION FRIDAY.

...DISCUSSION...

BLOCKING APPEARS LIKELY TO PERSIST WITHIN THE MID-LATITUDE WESTERLIES ACROSS THE EASTERN PACIFIC THROUGH THIS PERIOD, WITH THE SPLIT BRANCHES OF STRONGER FLOW REMAINING BROADLY CONFLUENT DOWNSTREAM, INLAND OF THE PACIFIC COAST THROUGH THE ATLANTIC SEABOARD. MODELS INDICATE A NUMBER OF SHORT WAVES PROGRESSING THROUGH THE TWO STREAMS, BUT THEY ARE FORECAST TO REMAIN OUT OF PHASE.

IN ASSOCIATION WITH THESE FEATURES, A SURFACE FRONTAL ZONE, INITIALLY EXTENDING FROM THE LOWER GREAT LAKES REGION INTO THE CENTRAL PLAINS, MAY ADVANCE SOUTHWARD THROUGH THE OHIO VALLEY, AND

INTO PORTIONS OF THE NORTHERN MID ATLANTIC COAST AND SOUTHERN NEW ENGLAND. THIS MAY BE PRECEDED BY A STALLING OR STALLED FRONTAL ZONE

INITIALLY TO THE LEE OF THE CENTRAL APPALACHIANS, ACROSS THE NORTHERN MID ATLANTIC COAST REGION AT THE BEGINNING OF THE PERIOD. ANOTHER SURGE OF COOLER AIR MAY CONTINUE SOUTHEAST OF THE SOUTHERN

HIGH PLAINS, THROUGH MUCH OF TEXAS BY 12Z SATURDAY.

...TEXAS...

SOUTHERN BRANCH TROUGHING, WITH ONE OR TWO EMBEDDED SMALLER-SCALE

PERTURBATIONS, APPEARS LIKELY TO DEVELOP EAST-NORTHEASTWARD ACROSS

THE REGION FRIDAY THROUGH FRIDAY NIGHT, ALTHOUGH CONSIDERABLE VARIABILITY IS EVIDENT WITHIN THE VARIOUS MODEL OUTPUT. MODELS DO GENERALLY INDICATE THAT MODERATE BOUNDARY-LAYER DESTABILIZATION MAY

OCCUR AHEAD OF THE SOUTHWARD ADVANCING SURFACE FRONT, ACROSS THE LOWER RIO GRANDE VALLEY AND SOUTH CENTRAL TEXAS, WITH SUFFICIENT SHEAR TO SUPPORT AT LEAST SOME POTENTIAL FOR ORGANIZED

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THUNDERSTORM

ACTIVITY CAPABLE OF PRODUCING SEVERE HAIL AND WIND.

...NORTHERN MID ATLANTIC...

MODELS SUGGEST THAT A WEAK SURFACE LOW MAY DEVELOP WITHIN SURFACE

TROUGHING TO THE LEE OF THE CENTRAL APPALACHIANS, AND BECOME A FOCUS

FOR WEAK TO MODERATE BOUNDARY-LAYER DESTABILIZATION WHICH COULD BECOME SUPPORTIVE OF VIGOROUS THUNDERSTORM DEVELOPMENT FRIDAY AFTERNOON. ACTIVITY MAY TEND TO DEVELOP SOUTHEASTWARD ALONG THE REMNANT INITIAL FRONTAL ZONE, WHERE VERTICAL SHEAR MAY BECOME ENHANCED AND SUPPORTIVE OF ORGANIZED THUNDERSTORM DEVELOPMENT, PERHAPS INCLUDING AN ISOLATED SUPERCCELL.

..KERR.. 05/01/2019

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\*\*\*\*\* Winds Aloft Forecast \*\*\*\*\*

	Filed	Filed+2k	Filed+4k								
Station	030	041	060	061	081	090	120	180	240	300	340
	390	450	530								
011800Z											
1400-2100Z											
EMI	220016	227018	240023+14	240022+13	247021+09	250021+08	240028+02	260037-13	260034-23	260027-37	270019-48
			270021-61	250031-69	280015-63						
PSB		250036+13	249036+12	243041+09	240044+08	240052+01	260042-13				
	260037-23	260034-38	270035-49	270044-61	240029-69	280019-61					
AGC	220023	220024	220027+12	220027+11	227043+09	230050+08	230057+01				
	250048-12	260036-22	250025-37	240027-48	240039-60	250032-71	270017-61				
020000Z											
2100-0600Z											
EMI	200032	218029	250026+15	250026+14	250033+10	250036+09	250041+01	260036-12	260032-23	250023-38	230029-48
			230037-60	270033-71	290019-62						
PSB		240035+14	240035+13	247042+08	250045+06	250048+00	260043-12				
	260037-23	250032-39	240039-49	240044-61	250038-69	290021-61					
AGC	240026	240027	240030+13	240030+12	247035+08	250038+06	250043+00				
	260047-12	240040-23	230031-39	220038-49	230049-61	250043-67	270019-60				
021200Z											
0600-1800Z											
EMI	280023	272023	260024+12	259024+11	246027+07	240029+06	250033+01	260039-13	260041-25	260041-40	260057-51
			250053-62	270042-62	290024-61						
PSB		250029+10	250029+09	250036+05	250040+04	250041+00	270034-12				



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270039-24 250051-41 250063-52 260061-62 260042-61 280024-60  
AGC 250012 257017 270028+10 269028+09 263031+06 260033+05 260034+00  
260040-13 250050-24 240055-41 250052-51 260054-62 260044-61 270025-61

\*\*\*\*\* All Apron NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!UNV 03/061 University Park, State College, PA (KUNV) Apron general aviation ramp work in progress construction Mar 25, 2019 1326Z to May 31, 2019 2100Z Estimated

\*\*\*\*\* All Taxiway NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!IPT 04/210 Mifflin County, Reedsville, PA (KRVL) Taxiway parallel taxiway adjacent runway 24 closed Apr 29, 2019 1100Z to May 02, 2019 2000Z

!PIT 05/008 Pittsburgh International, Pittsburgh, PA (KPIT) Taxiway F between taxiway F4 and taxiway W closed May 01, 2019 1242Z to May 01, 2019 2300Z

!PIT 05/007 Pittsburgh International, Pittsburgh, PA (KPIT) Taxiway F5 closed May 01, 2019 1241Z to May 01, 2019 2300Z

!PIT 05/005 Pittsburgh International, Pittsburgh, PA (KPIT) Taxiway T between taxiway E and taxiway F closed May 01, 2019 1122Z to May 01, 2019 2359Z

!PIT 05/004 Pittsburgh International, Pittsburgh, PA (KPIT) Taxiway V between taxiway E and taxiway F closed May 01, 2019 1121Z to May 01, 2019 2359Z

!PIT 04/163 Pittsburgh International, Pittsburgh, PA (KPIT) Taxiway N2 between taxiway N and United States air force reserve ramp closed Apr 17, 2019 1904Z to Sep 30, 2019 2359Z Estimated

!PIT 04/098 Pittsburgh International, Pittsburgh, PA (KPIT) Taxiway G surface painted holding position signs for runway 10L/28R not standard Apr 12, 2019 2154Z to Aug 31, 2019 2300Z

\*\*\*\*\* All Runway NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!DUJ 04/021 Dubois Regional, Dubois, PA (KDUJ) Runway 25 precision approach path indicator out of service Apr 25, 2019 2116Z to May 02, 2019 2300Z

!AOO 02/304 Butler Farm Show, Butler, PA (K3G9) Runway 36 closed daily sunset-sunrise Feb 21, 2019 1900Z to Dec 31, 2019 0744Z

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!AOO 04/242 Zelenople Municipal, Zelenople, PA (KPJC) Runway 35 runway end ID light out of service Apr 29, 2019 1127Z to Oct 29, 2019 2111Z Estimated

!AOO 04/241 Zelenople Municipal, Zelenople, PA (KPJC) Runway 17 runway end ID light out of service Apr 29, 2019 1126Z to Oct 29, 2019 2111Z Estimated

!AOO 02/060 Zelenople Municipal, Zelenople, PA (KPJC) Runway 17 closed to landing daily sunset-sunrise Feb 05, 2019 1613Z to Dec 31, 2019 1245Z

!BVI 04/003 Beaver County, Beaver Falls, PA (KBVI) Runway 10 runway end ID light out of service Apr 09, 2019 1005Z to May 09, 2019 2000Z Estimated

!AOO 01/066 Pittsburgh-Monroeville, Monroeville, PA (K4G0) Runway 05/23 unsafe pavement IN DISREPAIR Jan 07, 2019 1605Z to May 31, 2019 2359Z

!PIT 05/003 Pittsburgh International, Pittsburgh, PA (KPIT) Runway 10C/28C closed May 01, 2019 1119Z to May 01, 2019 2359Z

!PIT 04/248 Pittsburgh International, Pittsburgh, PA (KPIT) Runway 10 center runway end ID light out of service Apr 23, 2019 0016Z to May 02, 2019 2359Z

\*\*\*\*\* All Aerodrome NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!PIT 05/002 Pittsburgh International, Pittsburgh, PA (KPIT) Aerodrome airport all surface work in progress grass cutting May 01, 2019 1105Z to May 01, 2019 2359Z

\*\*\*\*\* All Communication NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!PIT 03/396 Montour (MMJ) Communication VOR voice decommissioned Mar 29, 2018 2002Z-permanent

\*\*\*\*\* All Navigation NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!AOO 02/474 Keating, Keating, PA (ETG) Navigation TACAN azimuth out of service Feb 27, 2019 2005Z to May 31, 2019 2000Z Estimated

!AOO 04/230 Clarion, Clarion, PA (CIP) Navigation VOR out of service Apr 27, 2019 1008Z to Oct 25, 2019 2000Z Estimated

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!PIT 05/006 Pittsburgh International, Pittsburgh, PA (KPIT) Navigation ILS runway 28 left glide path/localizer out of service May 01, 2019 1240Z to May 01, 2019 1840Z

!PIT 11/511 Pittsburgh International, Pittsburgh, PA (KPIT) Navigation ILS runway 10 left inner marker not monitor Nov 29, 2018 1115Z to Jun 27, 2019 2000Z Estimated

!GPS 04/290 GPS Navigation PRN 07 unserviceable May 02, 2019 1545Z to May 03, 2019 0345Z

\*\*\*\*\* All Service NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!AOO 05/291 Grove City, Grove City, PA (K29D) Service weather reporting out of service May 29, 2018 1354Z to May 29, 2019 2300Z

!BVI 04/027 Beaver County, Beaver Falls, PA (KBVI) Service tower OPN daily 1130-0100 May 04, 2019 1130Z-permanent

!BVI 04/026 Beaver County, Beaver Falls, PA (KBVI) Service tower OPN May 01, 2019 1130Z to May 02, 2019 0100Z

!BVI 04/023 Beaver County, Beaver Falls, PA (KBVI) Service tower OPN daily 1300-2100 May 02, 2019 1300Z to May 03, 2019 2100Z

!EHC 09/001 EHC Service automated weather broadcast system out of service Sep 21, 2018 1515Z to Sep 01, 2019 2300Z

!BTP 04/009 Pittsburgh/Butler Regional, Butler, PA (KBTP) Service automated weather broadcast system not available May 01, 2019 1330Z to May 01, 2019 1830Z

\*\*\*\*\* All Obstruction NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!IPT 04/213 William T.Piper Memorial, Lock Haven, PA (KLHV) Obstruction tower light (Antenna Structure Registration 1288838) 41° 09' 58.10" North 077° 32' 42.60" West (5.8 nautical miles west-north-west LHV) 1,345.8 feet (198.8FT above ground level) out of service Apr 30, 2019 0257Z to May 15, 2019 0257Z

!AOO 04/138 Ridge Soaring, Unionville, PA (K79N) Obstruction tower light (Aeronautical Study Number 2016-WTE-1264-OE) 405747N0775636W (5.0 nautical miles north-north-west 79N) 2,561 feet (340FT above ground level) out of service Apr 17, 2019 1231Z to May 02, 2019 1231Z

!AOO 05/001 Albert, Philipsburg, PA (K1N3) Obstruction tower light (Antenna Structure

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Registration 1295400) 41° 02' 48.30" North 078° 09' 01.50" West (6.2 nautical miles NE 1N3) 1,816.3 feet (260.2FT above ground level) out of service May 01, 2019 0700Z to May 16, 2019 0659Z

!AOO 04/191 St. Marys Municipal, St. Marys, PA (KOYM) Obstruction tower light (Antenna Structure Registration 1300860) 41° 16' 11.80" North 078° 21' 49.30" West (10.6 nautical miles southeast OYM) 2,600.7 feet (444.9FT above ground level) out of service Apr 24, 2019 2002Z to May 09, 2019 2002Z

!AOO 04/193 Blue Knob Valley, Newry, PA (K7G4) Obstruction tower light (Antenna Structure Registration 1026996) 40° 34' 01.00" North 078° 26' 30.00" West (10.3 nautical miles NE 7G4) 2,783.1 feet (223.1FT above ground level) out of service Apr 25, 2019 0034Z to May 10, 2019 2100Z

!CLE 12/299 KZOB Obstruction wind turbine farm WI an area defined as 10 nautical miles radius of 403843N0784150W (11.5 nautical miles north-north-east 9G8) 2,683 feet (493FT above ground level) not lighted Dec 14, 2018 1334Z to Aug 31, 2019 2359Z

!AOO 04/143 St. Marys Municipal, St. Marys, PA (KOYM) Obstruction tower light (Antenna Structure Registration 1298317) 41° 20' 28.30" North 078° 31' 21.10" West (4.4 nautical miles south-south-west OYM) 2,454.4 feet (258.9FT above ground level) out of service Apr 18, 2019 1216Z to May 18, 2019 2359Z

!DUJ 04/022 Dubois Regional, Dubois, PA (KDUJ) Obstruction tower light (Antenna Structure Registration 1025456) 41° 11' 28.00" North 078° 41' 26.00" West (9.4 nautical miles E DUJ) 2,225.7 feet (325.8FT above ground level) out of service Apr 26, 2019 1411Z to May 26, 2019 2359Z

!DUJ 04/023 Dubois Regional, Dubois, PA (KDUJ) Obstruction tower light (Antenna Structure Registration 1251299) 41° 06' 11.40" North 078° 45' 37.20" West (7.6 nautical miles southeast DUJ) 1,886.2 feet (270.0FT above ground level) out of service Apr 27, 2019 0746Z to Jul 26, 2019 0400Z

!AOO 04/189 Punxsutawney Municipal, Punxsutawney, PA (KN35) Obstruction tower light (Antenna Structure Registration 1280683) 40° 51' 58.80" North 078° 52' 10.60" West (6.6 nautical miles south-south-east N35) 2,238.8 feet (290.0FT above ground level) out of service Apr 24, 2019 1703Z to May 09, 2019 0400Z

!DUJ 04/014 Dubois Regional, Dubois, PA (KDUJ) Obstruction tower light (Antenna Structure Registration 1043518) 41° 19' 06.10" North 078° 59' 45.10" West (9.5 nautical miles north-north-west DUJ) 2,253.6 feet (255.9FT above ground level) out of service Apr 20, 2019 0322Z to May 05, 2019 0321Z

!AOO 04/238 Clarion County, Clarion, PA (KAXQ) Obstruction tower light (Antenna Structure Registration 1283550) 41° 02' 36.80" North 079° 15' 43.70" West (13.5 nautical miles southeast AXQ) 1,662.7 feet (253.0FT above ground level) out of service Apr 28, 2019 1836Z to May 13,

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2019 1835Z

!AOO 04/061 Clarion County, Clarion, PA (KAXQ) Obstruction tower light (Antenna Structure Registration 1020621) 41° 11' 18.00" North 079° 22' 12.00" West (3.9 nautical miles southeast AXQ) 1,808.1 feet (293.0FT above ground level) out of service Apr 10, 2019 0118Z to May 10, 2019 0118Z

!AOO 04/087 Mcville, Freeport, PA (K6P7) Obstruction tower light (Antenna Structure Registration 1061920) 40° 47' 38.40" North 079° 34' 58.40" West (3.6 nautical miles NE 6P7) 1,693.9 feet (394.0FT above ground level) out of service Apr 13, 2019 0400Z to May 13, 2019 0400Z

!AOO 04/239 Grove City, Grove City, PA (K29D) Obstruction tower light (Antenna Structure Registration 1026174) 41° 12' 18.90" North 079° 57' 03.30" West (10.4 nautical miles east-north-east 29D) 1,886.2 feet (369.1FT above ground level) out of service Apr 29, 2019 0300Z to Jul 27, 2019 0400Z

!FKL 04/021 Venango Regional, Franklin, PA (KFKL) Obstruction tower light (Antenna Structure Registration 1229706) 41° 15' 49.00" North 079° 55' 36.10" West (7.5 nautical miles south-south-west FKL) 1,777.9 feet (257.9FT above ground level) out of service Apr 30, 2019 1712Z to May 15, 2019 1612Z

!FKL 01/015 Venango Regional, Franklin, PA (KFKL) Obstruction tower light (Antenna Structure Registration 1062233) 41° 17' 18.20" North 079° 59' 44.20" West (8.1 nautical mile southwest FKL) 1,774.9 feet (274.9FT above ground level) out of service Jan 09, 2019 2209Z to Jan 01, 2020 1600Z

!AOO 04/170 Lakehill, Mars, PA (KP09) Obstruction tower light (Antenna Structure Registration 1036485) 40° 37' 11.00" North 080° 05' 35.00" West (6.1 nautical mile south-south-west P09) 1,680.1 feet (399.9FT above ground level) out of service Apr 22, 2019 0327Z to May 22, 2019 0327Z

!AOO 04/045 Zelienople Municipal, Zelienople, PA (KPJC) Obstruction tower light (Antenna Structure Registration 1057554) 40° 41' 14.00" North 080° 11' 56.00" West (7.2 nautical miles south-south-west PJC) 1,316.9 feet (212.9FT above ground level) out of service Apr 07, 2019 1115Z to Jul 06, 2019 0400Z

!PIT 04/023 Pittsburgh International, Pittsburgh, PA (KPIT) Obstruction tower light (Antenna Structure Registration 1275833) 40° 38' 40.80" North 080° 12' 53.20" West (9.3 nautical miles NE PIT) 1,466.5 feet (270.0FT above ground level) out of service Apr 03, 2019 1553Z to May 03, 2019 2359Z

!AOO 04/217 Pittsburgh Northeast, Pittsburgh, PA (K9G1) Obstruction tower light (Antenna Structure Registration 1027247) 40° 31' 27.00" North 080° 00' 41.00" West (9.7 nautical miles west-south-west 9G1) 1,522 feet (357.9FT above ground level) out of service Apr 26, 2019 0810Z to May 11, 2019 0809Z

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!AOO 04/218 Pittsburgh Northeast, Pittsburgh, PA (K9G1) Obstruction tower light (Antenna Structure Registration 1027248) 40° 31' 25.00" North 080° 00' 40.00" West (9.7 nautical miles west-south-west 9G1) 1,514.1 feet (354.0FT above ground level) out of service Apr 26, 2019 0830Z to May 11, 2019 0829Z

!AOO 04/219 Pittsburgh Northeast, Pittsburgh, PA (K9G1) Obstruction tower light (Antenna Structure Registration 1027249) 40° 31' 24.00" North 080° 00' 39.00" West (9.7 nautical miles west-south-west 9G1) 1,524.9 feet (356.0FT above ground level) out of service Apr 26, 2019 0848Z to May 11, 2019 0847Z

!AOO 04/220 Pittsburgh Northeast, Pittsburgh, PA (K9G1) Obstruction tower light (Antenna Structure Registration 1027250) 40° 31' 22.00" North 080° 00' 38.00" West (9.7 nautical miles west-south-west 9G1) 1,540 feet (356.0FT above ground level) out of service Apr 26, 2019 0852Z to May 11, 2019 0851Z

!AOO 04/221 Pittsburgh Northeast, Pittsburgh, PA (K9G1) Obstruction tower light (Antenna Structure Registration 1027251) 40° 31' 21.00" North 080° 00' 36.00" West (9.7 nautical miles west-south-west 9G1) 1,521 feet (357.0FT above ground level) out of service Apr 26, 2019 0900Z to May 11, 2019 0859Z

!AGC 04/014 Allegheny County, Pittsburgh, PA (KAGC) Obstruction tower light (Antenna Structure Registration 1028562) 40° 28' 19.20" North 079° 59' 39.60" West (7.7 nautical miles north-north-west AGC) 2,048.9 feet (863.8FT above ground level) out of service Apr 06, 2019 0106Z to Jul 04, 2019 0400Z

!AGC 03/068 Allegheny County, Pittsburgh, PA (KAGC) Obstruction tower light (Antenna Structure Registration 1026028) 40° 24' 30.00" North 079° 55' 39.00" West (3.3 nautical miles NE AGC) 1,350.1 feet (210.0FT above ground level) out of service Mar 29, 2019 1558Z to Jul 31, 2019 2359Z

!AGC 03/054 Allegheny County, Pittsburgh, PA (KAGC) Obstruction tower light (Antenna Structure Registration 1025769) 40° 23' 50.00" North 079° 57' 41.00" West (3.0 nautical miles north-north-west AGC) 1,532.2 feet (329.1FT above ground level) out of service Mar 15, 2019 1352Z to May 15, 2019 2359Z

!AOO 04/125 Pittsburgh-Monroeville, Monroeville, PA (K4G0) Obstruction tower light (Antenna Structure Registration 1026130) 40° 26' 23.00" North 079° 43' 10.00" West (2.6 nautical miles east-south-east 4G0) 2,048.9 feet (829.1FT above ground level) out of service Apr 16, 2019 1448Z to May 30, 2019 2359Z

!PIT 04/229 Pittsburgh International, Pittsburgh, PA (KPIT) Obstruction tower light (Antenna Structure Registration 1202334) 40° 27' 57.90" North 080° 15' 16.00" West (1.8 nautical miles south-south-west PIT) 1,399 feet (166.0FT above ground level) out of service Apr 20, 2019 2325Z to Jul 19, 2019 0400Z

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!EKN 04/056 Herron, New Cumberland, WV (K7G1) Obstruction tower light (Antenna Structure Registration 1029851) 40° 35' 10.00" North 080° 24' 57.00" West (6.6 nautical miles east-north-east 7G1) 1,732.3 feet (393.7FT above ground level) out of service Apr 10, 2019 1243Z to May 06, 2019 2000Z

!BTP 04/007 Pittsburgh/Butler Regional, Butler, PA (KBTP) Obstruction tower light (Antenna Structure Registration 1011865) 40° 47' 22.80" North 079° 47' 57.70" West (6.9 nautical miles E BTP) 1,615.2 feet (312.0FT above ground level) out of service Apr 23, 2019 1835Z to Jul 22, 2019 0400Z

!BTP 04/008 Pittsburgh/Butler Regional, Butler, PA (KBTP) Obstruction tower light (Antenna Structure Registration 1260962) 40° 46' 26.70" North 079° 59' 59.40" West (2.2 nautical miles W BTP) 1,422.9 feet (210.0FT above ground level) out of service Apr 25, 2019 1204Z to May 10, 2019 1203Z

\*\*\*\*\* All Airspace NOTAMs \*\*\*\*\*

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!IPT 03/210 Mifflin County, Reedsville, PA (KRVL) Airspace parachute jumping exercise WI an area defined as 5 nautical miles radius of RVL surface-12,000 feet above ground level daily sunrise-sunset Mar 29, 2016 1811Z to Mar 29, 2021 1800Z

!AOO 07/213 Mid-State, Philipsburg, PA (KPSB) Airspace unmanned aircraft system WI an area defined as 1 nautical mile radius of PSB surface-400 feet above ground level frequency 122.9 Jul 18, 2018 2255Z-permanent

\*\*\*\*\* All Special Use Airspace NOTAMs \*\*\*\*\*

No current Special Use Airspace NOTAMs data for this briefing.

\*\*\*\*\* All Unverified Aeronautical Information NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

No current Unverified Aeronautical Information NOTAMs data for this briefing.

\*\*\*\*\* All Other NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

No current Other NOTAMs data for this briefing.

\*\*\*\*\* All NOTAMs without keywords \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

No current NOTAMs without keywords data for this briefing.

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\*\*\*\*\* All FDC NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!FDC 8/8163 KUNV IAP UNIVERSITY PARK, State College, PA. ILS OR LOC RWY 24, AMDT 9C... RNAV (GPS) RWY 24, AMDT 1A... RNAV (GPS) RWY 6, AMDT 2A... VOR-B, AMDT 11A... NOTE: ALTERNATE MINIMUMS NA WHEN LOCAL WEATHER NOT AVAILABLE. 02 NOV 21:15 2018 UNTIL 14 JUN 21:15 2019 ESTIMATED. CREATED: 02 NOV 21:16 2018

!FDC 8/0229 5PN6 SPECIAL GEISINGER-LEWISTOWN HOSPITAL, Lewistown, PA. HIPSI ONE DEPARTURE... CHANGE NAME TO READ GEISINGER-LEWISTOWN HOSPITAL ALL OTHER DATA REMAINS AS PUBLISHED. 06 NOV 20:12 2018 UNTIL 06 NOV 20:11 2020 ESTIMATED. CREATED: 06 NOV 20:12 2018

!FDC 8/0208 5PN6 SPECIAL GEISINGER-LEWISTOWN HOSPITAL, Lewistown, PA. COPTER RNAV (GPS) 247, ORIG--A... CHANGE NAME TO READ GEISINGER-LEWISTOWN HOSPITAL. 06 NOV 20:08 2018 UNTIL 06 NOV 20:07 2020 ESTIMATED. CREATED: 06 NOV 20:08 2018

!FDC 8/6882 KPSB IAP MID-STATE, Philipsburg, PA. RNAV (GPS) RWY 16, ORIG-C... PROCEDURE NA AT NIGHT. 06 DEC 16:48 2018 UNTIL 06 DEC 16:48 2020 ESTIMATED. CREATED: 06 DEC 16:49 2018

!FDC 8/9015 74PN SPECIAL UPMC-ALTOONA, Altoona, PA. JANAT ONE DEPARTURE ... CHANGE HOSPITAL NAME FROM ALTOONA GENERAL HOSPITAL TO UPMC ALTOONA. ALL OTHER DATA REMAINS AS PUBLISHED. 23 OCT 15:00 2018 UNTIL 20 JUN 15:00 2019 ESTIMATED. CREATED: 23 OCT 15:01 2018

!FDC 8/8978 74PN SPECIAL UPMC-ALTOONA, Altoona, PA. COPTER RNAV (GPS) 211, ORIG... CHANGE HOSPITAL NAME FROM ALTOONA GENERAL HOSPITAL TO UPMC ALTOONA. NOTE: CLEVELAND CENTER FREQUENCY 124.4 AND JOHNSTOWN APPROACH CONTROL FREQUENCY 121.2. 23 OCT 14:59 2018 UNTIL 20 JUN 14:58 2019 ESTIMATED. CREATED: 23 OCT 14:59 2018

!FDC 9/7808 23PN SPECIAL IAP CLEARFIELD HOSPITAL, CLEARFIELD, PA COPTER RNAV (GPS) 318 ORIG-A H-318 1940 / HAS 428 CHANGE ALTITUDE AT WITEV FROM 1980 TO 2080 PERIODIC REVIEW. PROCEDURE UPDATED TO MEET CURRENT CRITERIA. 23 FEB 23:45 2019 UNTIL 09 OCT 23:59 2019. CREATED: 23 FEB 23:40 2019

!FDC 9/7813 PA10 SPECIAL PENN HIGHLANDS HEALTHCARE - DU BOIS, DU BOIS, PA. CIGMO ONE DEPARTURE... CHANGE HELIPOINT NAME TO READ PENN HIGHLANDS HEALTHCARE - DU BOIS. ALL OTHER DATA REMAINS AS PUBLISHED. 24 FEB 00:15 2019 UNTIL 08 OCT 23:59 2019. CREATED: 24 FEB 00:00 2019

!FDC 9/4592 PA10 SPECIAL IAP PENN HIGHLANDS HEALTHCARE DU BOIS, DU BOIS, PA COPTER RNAV (GPS) 350 AMDT1 CHANGE HEGLO (FAF) ALT FM 3000 TO 3100...



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PERIODIC REVIEW. PROC UPDATED TO MEET CURRENT CRITERIA. 08 MAR 20:15 2019 UNTIL 22 OCT 23:59 2019. CREATED: 08 MAR 20:09 2019

!FDC 9/1195 KDUJ IAP DUBOIS RGNL, Dubois, PA. ILS OR LOC RWY 25, AMDT 9B... MISSED APPROACH: CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 4200 ON HEADING 060 AND ETG R-276 TO HONLU/ETG 22.00 DME AND HOLD. (DME REQUIRED), CIP VOR OUT OF SERVICE. 04 JAN 13:18 2019 UNTIL 22 MAY 13:18 2019 ESTIMATED. CREATED: 04 JAN 13:19 2019

!FDC 9/7773 1PS8 SPECIAL IAP PUNXSUTAWNEY AREA HOSPITAL, PUNXSUTAWNEY, PA COPTER RNAV (GPS) 040 ORIG H-040 1280 / HAS 481 DELETE ALL REFERENCE TO PROCEED VISUALLY. CHANGE NOTE TO READ: PROCEED VFR FROM JEMDA OR CONDUCT THE SPECIFIED MISSED APPROACH PERIODIC REVIEW. PROCEDURE UPDATED TO MEET CURRENT CRITERIA. 23 FEB 21:45 2019 UNTIL 09 OCT 23:59 2019. CREATED: 23 FEB 21:50 2019

!FDC 9/7811 81PN SPECIAL IAP ARMSTRONG COUNTY MEMORIAL HOSPITAL, KITTANNING, PA COPTER RNAV (GPS) 119 ORIG H-119 1820 / HAS 521 CHANGE ONERY (FAF) ALTITUDE FROM 2400 TO 2500 DELETE ALL REFERENCE TO PROCEED VISUALLY. CHANGE NOTE TO READ: PROCEED VFR FROM UFBF OR CONDUCT THE SPECIFIED MISSED APPROACH. PERIODIC REVIEW. PROCEDURE UPDATED TO MEET CURRENT CRITERIA. 24 FEB 00:15 2019 UNTIL 09 OCT 23:59 2019. CREATED: 23 FEB 23:58 2019

!FDC 9/7823 PN76 SPECIAL IAP UPMC NORTHWEST, SENECA, PA COPTER RNAV (GPS) 033 AMDT 1 LNAV MDA 1940 / HAS 461... NOTE CHANGE CITY NAME FROM CRANBERRY TWP, PENNSYLVANIA TO SENECA, PENNSYLVANIA PERIODIC REVIEW. PROCEDURE UPDATED TO MEET CURRENT CRITERIA. 24 FEB 00:45 2019 UNTIL 09 OCT 23:59 2019. CREATED: 24 FEB 00:32 2019

!FDC 8/7112 K29D ODP GROVE CITY, Grove City, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4... TAKEOFF OBSTACLE NOTES: RWY 28, TRANSMISSION LINES, BEGINNING 1908FT FROM DER, 201FT RIGHT OF CENTERLINE, UP TO 50FT AGL/1442FT MSL (2017-AEA-5132 AND 5133-OE), TRANSMISSION LINES, BEGINNING 2402FT FROM DER, 56FT LEFT OF CENTERLINE, UP TO 52FT AGL/1450FT MSL (2017-AEA-5130 AND 5131-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 01 NOV 16:23 2018 UNTIL 13 JUN 16:23 2019 ESTIMATED. CREATED: 01 NOV 16:24 2018

!FDC 9/7819 PA56 SPECIAL IAP UPMC PASSAVANT CRANBERRY, CRANBERRY, PA COPTER RNAV (GPS) 304 ORIG H-304 1900 / HAS 701 CHANGE ALTITUDE AT FELEV (IF) FROM 2800 TO 2900 DELETE ALL REFERENCE TO PROCEED VISUALLY. CHANGE NOTE TO READ: PROCEED VFR FROM WIVSU OR CONDUCT THE SPECIFIED MISSED APPROACH MSA FROM: WIVSU 3100 PERIODIC REVIEW. PROCEDURE UPDATED TO MEET CURRENT CRITERIA. 24 FEB 00:45 2019 UNTIL 09 OCT 23:59 2019. CREATED: 24 FEB 00:29 2019

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!FDC 9/9494 KPIT ODP PITTSBURGH INTL, Pittsburgh, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5... TAKEOFF MINIMUMS: RWY 10L, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 323 FT PER NM TO 1500. TAKEOFF OBSTACLE NOTES: RWY 10L, TEMP CRANE 5652 FT FROM DER, 1458 FT RIGHT OF CENTERLINE, 200 FT AGL/1352 FT MSL (2018-AEA-770-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 01 FEB 18:53 2019 UNTIL 26 OCT 18:53 2019 ESTIMATED. CREATED: 01 FEB 18:53 2019

!FDC 9/8221 KPIT CHART PITTSBURGH INTL, Pittsburgh, PA. ILS RWY 28R (CAT II), AMDT 10 ... PROCEDURE NA. 18 MAR 17:49 2019 UNTIL PERM. CREATED: 18 MAR 17:49 2019

!FDC 9/7779 3PN4 SPECIAL IAP JAMESON MEMORIAL HOSPITAL, NEW CASTLE, PA COPTER GPS 054 ORIG H-054 1720 / HAS 681. DELETE ALL REFERENCE TO PROCEED VISUALLY. CHANGE NOTE TO READ: PROCEED VFR FROM WIRAV OR CONDUCT THE SPECIFIED MISSED APPROACH PERIODIC REVIEW. PROCEDURE UPDATED TO MEET CURRENT CRITERIA. 23 FEB 22:30 2019 UNTIL 09 OCT 23:59 2019. CREATED: 23 FEB 22:17 2019

!FDC 8/4356 OH56 SPECIAL DAYTON, OH. WEPID ONE DEPARTURE... PROCEDURE CANCELLED. 24 DEC 00:30 2018 UNTIL 31 DEC 23:59 2019. CREATED: 24 DEC 00:22 2018

!FDC 8/4355 OH56 SPECIAL DAYTON, OH. COPTER RNAV (GPS) 35, ORIG... PROCEDURE CANCELLED. 24 DEC 00:30 2018 UNTIL 31 DEC 23:59 2019. CREATED: 24 DEC 00:22 2018

\*\*\*\*\* All General FDC NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

!FDC 9/3166 KZNY NY..AIRSPACE HARLEM, NY..LASER RESEARCH WI AN AREA DEFINED AS 404917N0735653W OR THE LAGURDIA /LGA/ VORTAC 316 DEG RADIAL AT 4NM SFC-FL360 AT AN ANGLE OF 90 DEGREES FROM THE SFC, PROJECTING UP TO FL360 AVOID AIRBORNE HAZARD BY 5NM. THIS BEAM IS INJURIOUS TO PILOTS'/AIRCROWS' AND PASSENGERS EYES. LA GUARDIA /LGA/ ATCT, TELEPHONE 781-779-7901 IS THE FAA CDN FACILITY. 13 FEB 01:00 2019 UNTIL 31 DEC 23:59 2020. CREATED: 12 FEB 18:57 2019

!FDC 9/3000 KZNY OA..ROUTE ZNY. R56 NOT AUTHORIZED FOR FLIGHTS AT OR ABOVE FL180. 12 FEB 21:00 2019 UNTIL 12 FEB 21:00 2020. CREATED: 12 FEB 17:34 2019

!FDC 9/0980 KZNY AIRSPACE..SPECIAL NOTICE..THE FLT INFORMATION SERVICES BCST DATA SOURCE FOR ZNY ARTCC AIRSPACE IS CHANGING TO THE MULTI

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RADAR MULTI SENSOR (MRMS) WEATHER RADAR MOSAIC FOR FLT INFORMATION SERVICES BCST REGIONAL NEXRAD AND CONUS NEXRAD PRODUCTS. ALL FLT INFORMATION SERVICES BCST PRODUCT FORMATS REMAIN UNCHANGED AND EXISTING AVIONICS SHOULD REMAIN BACKWARD COMPATIBLE WITH THE NEW DATA SOURCE. THIS UPDATE WILL OCCUR BTN 1904021400 UTC AND 1904021600 UTC. ANY OBSERVED ISSUES SHOULD BE REPORTED VIA EMAIL TO ADSB@FAA.GOV. 02 APR 14:00 2019 UNTIL 02 MAY 14:00 2019. CREATED: 22 MAR 17:30 2019

!FDC 8/0132 KZNY PA..ROUTE ZNY. V184 PHILIPSBURG (PSB) VORTAC, PA TO DELRO, PA MEA/MOCA 4900. 06 NOV 19:26 2018 UNTIL 18 JUN 19:26 2019 ESTIMATED. CREATED: 06 NOV 19:26 2018

!FDC 8/0131 KZNY PA..ROUTE ZNY ZOB. V184 TIDIOUTE (TDT) VORTAC, PA TO PHILIPSBURG (PSB) VORTAC, PA MEA/MOCA 5200. 06 NOV 19:26 2018 UNTIL 18 JUN 19:26 2019 ESTIMATED. CREATED: 06 NOV 19:26 2018

!FDC 8/0129 KZNY PA..ROUTE ZNY. V33 HARRISBURG (HAR) VORTAC, PA TO PHILIPSBURG (PSB) VORTAC, PA MEA/MOCA 4900. 06 NOV 19:24 2018 UNTIL 18 JUN 19:24 2019 ESTIMATED. CREATED: 06 NOV 19:25 2018

!FDC 8/0126 KZNY PA..ROUTE ZNY. V265 HARRISBURG (HAR) VORTAC, PA TO PHILIPSBURG (PSB) VORTAC, PA MEA/MOCA 4900. 06 NOV 19:23 2018 UNTIL 18 JUN 19:23 2019 ESTIMATED. CREATED: 06 NOV 19:23 2018

!FDC 9/5859 KZOB AIRSPACE..SPECIAL NOTICE..THE FLT INFORMATION SERVICES BCST DATA SOURCE FOR ZOB ARTCC AIRSPACE IS CHANGING TO THE MULTI RADAR MULTI SENSOR (MRMS) WEATHER RADAR MOSAIC FOR FLT INFORMATION SERVICES BCST REGIONAL NEXRAD AND CONUS NEXRAD PRODUCTS. ALL FLT INFORMATION SERVICES BCST PRODUCT FORMATS REMAIN UNCHANGED AND EXISTING AVIONICS SHOULD REMAIN BACKWARD COMPATIBLE WITH THE NEW DATA SOURCE. THIS UPDATE WILL OCCUR BTN 1904091400 UTC AND 1904091600 UTC. ANY OBSERVED ISSUES SHOULD BE REPORTED VIA EMAIL TO ADSB@FAA.GOV. 09 APR 14:00 2019 UNTIL 09 MAY 14:00 2019. CREATED: 02 APR 17:03 2019

!FDC 9/4161 KZOB MI..AIRSPACE ANN ARBOR, MI..LASER LGT DEMONSTRATION WI AN AREA DEFINED AS 421336N0834321W (MICHIGAN AEROSPACE CORPORATION, ANN ARBOR, MI) OR THE SALEM /SVM/ VORTAC 207 DEG RADIAL AT 12NM SFC-1339FT AGL. LASER LGT BEAMS WILL BE TERMINATED IF NON PARTICIPATING ACFT ARE DETECTED ENTERING THE AFFECTED AREA. LASER LGT BEAMS MAY BE INJUROUS TO PILOT'S/PASSENGER'S EYES WI 1339FT VERTICALLY AND 2300FT LATERALLY OF THE LGT SOURCE. FLASH BLINDNESS OR COCKPIT ILLUMINATION MAY OCCUR BEYOND THESE DISTANCES. CLEVELAND /ZOB/ ARTCC TELEPHONE 440-774-0426 IS THE FAA CDN FACILITY DLY 0000-1000, 1200-1400. 16 JAN 00:00 2019 UNTIL 31 DEC 14:00 2019. CREATED: 15

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JAN 16:16 2019

!FDC 9/1971 KZOB AIRSPACE FLT INFO SERVICE BCST (FIS-B) MAY NOT BE AVBL WI AN AREA DEFINED AS 29NM RADIUS OF 412821N0782521W. AP AIRSPACE AFFECTED INCLUDES BFD, OYM. SFC-3000FT. 15 APR 02:10 2019 UNTIL 13 MAY 22:00 2019 ESTIMATED. CREATED: 15 APR 02:08 2019

!FDC 8/0130 KZOB PA..ROUTE ZOB ZNY. V184 TIDIOUTE (TDT) VORTAC, PA TO PHILIPSBURG (PSB) VORTAC, PA MEA/MOCA 5200. 06 NOV 19:26 2018 UNTIL 18 JUN 19:26 2019 ESTIMATED. CREATED: 06 NOV 19:26 2018

\*\*\*\*\* All International NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication (NTAP).

KZNY 09/A0429 KZNY 20090629175200 PERM QXXXX beacon code procedures IN the west Atlantic route system (WATRS) area effective immediately, all aircraft transitioning into the west Atlantic route system (WATRS) via fixed Air Traffic Service routes shall remain on the last Air Traffic Control-assigned beacon code. Effective immediately until further notice. Created: 29 June 17:52 2009

KZNY 09/A0126 KZNY 20090306210000 PERM QXXXX eastbound routing via M326 operators filing eastbound routing via OLDEY direct JAINS M326 FPR should file OLDEY direct EMQUE direct LEXIM M326 FPR. For further information contact PETER EHRLEIN at 631-468-1021 OR via email (PETER.C.EHRLEIN@FAA.Governor. Effective immediately until further notice. Created: 06 March 21:00 2009

KZNY 18/A0425 KZNY 20181109220000 20191109200000 GNSS equipped aircraft entering Miami Center airspace (ZMA) FM New York oceanic airspace (ZWY) depending on their DEST must file as follows: to MDSD: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 CDO L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 CDO L453 - lamer L453 RODRK POKEG UT17 KOBET G446 CDO L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 CDO B891 - WATRS B891 POKEG UT17 KOBET G446 CDO to MDPC: L451 - LETON L451 IORIO POKEG UT17 KOBET G446 PETRI W28 PNA L452 - LNHOM L452 SLUKA POKEG UT17 KOBET G446 PETRI W28 PNA L453 - lamer L453 RODRK POKEG UT17 KOBET G446 PETRI W28 PNA L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET G446 PETRI W28 PNA B891 - WATRS B891 POKEG UT17 KOBET G446 PETRI W28 PNA to MDCY: L451 - LETON L451 IORIO POKEG UT17 KOBET W37 DCY L452 - LNHOM L452 SLUKA POKEG UT17 KOBET W37 DCY L453 - lamer L453 RODRK POKEG UT17 KOBET W37 DCY L454 - LUCTI L454 MNDEZ POKEG UT17 KOBET W37 DCY B891 - WATRS B891 POKEG UT17 KOBET W37 DCY to MDST: L451 - LETON L451 IORIO SEKAR A554 PTA T13 SGO L452 - LNHOM L452 SLUKA SEKAR A554 PTA T13 SGO L453 - lamer L453 RODRK SEKAR A554 PTA T13 SGO L454 - LUCTI L454 MNDEZ SEKAR A554 PTA T13 SGO B891 - WATRS B891 POKEG B891 PTA T13 SGO to MDPP: L451 - LETON L451 IORIO SEKAR A554 PTA L452 - LNHOM L452 SLUKA SEKAR A554 PTA L453 - lamer L453 RODRK SEKAR A554 PTA L454 - LUCTI L454 MNDEZ SEKAR

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A554 PTA B891 - WATRS B891 POKEG B891 PTA to TNCN/TQPF: L451 - LETON L451 IORIO FIPEK Y355 SLUGO L452 - LNHOM L452 SLUKA FIPEK Y355 SLUGO L453 - lamer L453 RODRK FIPEK Y355 SLUGO L454 - LUCTI L454 MNDEZ FIPEK Y355 SLUGO to TISX/TUPJ: L451 - LETON L451 IORIO FIPEK Y355 KOLAO L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO L453 - lamer L453 RODRK FIPEK Y355 KOLAO L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO to TJSJ/TJIG: L451 - LETON L451 IORIO FIPEK Y355 PLING RTE7 SAALR L452 - LNHOM L452 SLUKA FIPEK Y355 PLING RTE7 SAALR L453 - lamer L453 RODRK FIPEK Y355 PLING RTE7 SAALR L454 - LUCTI L454 MNDEZ FIPEK Y355 PLING RTE7 SAALR to TIST: L451 - LETON L451 IORIO FIPEK Y355 KOLAO JETSS L452 - LNHOM L452 SLUKA FIPEK Y355 KOLAO JETSS L453 - lamer L453 RODRK FIPEK Y355 KOLAO JETSS L454 - LUCTI L454 MNDEZ FIPEK Y355 KOLAO JETSS ^FM Miami Center (ZMA) mission over BHIV 09 November 22:00 2018 until 09 November 20:00 2019. Created: 09 November 22:41 2018

KZNY 18/A0292 KZNY 20180803134700 20190802235900 VOLMET 10.051, 6.604, 3.485, 13.270 unserviceable. 03 August 13:47 2018 until 02 August 23:59 2019. Created: 03 August 13:48 2018

KZNY 16/A0255 KZNY 20160915090100 PERM L453 IS not AUTH between AZEZU and PAEPR. Users wishing to use L453 must file: northbound: PAEPR HOBOH AZEZU SOUTHBOUNND: AZEZU HOBOH PAEPR. 15 September 09:01 2016 until permanent. Created: 12 September 18:34 2016

KZNY 05/A0413 KZNY 20070618211500 PERM QXXXX the following navigation reference system (NRS) waypoints are unusable: KN48A, KN51A, KN57C, KN60C, KN60E, KN63E, KN66G, KN63G. Effective immediately until further notice. Created: 30 June 17:42 2005

KZNY 13/A0017 KZNY 20130205120000 PERM QRACA change IN New York Center oceanic clearance procedures beginning on 5 February 2013 at 1200Z, New York Center will modify the procedures that are used to issue oceanic clearances to eastbound aircraft entering minimum navigation performance standard (MNPS) airspace. These procedures only apply to aircraft entering the New York Center oceanic CTA from A FAA facility. The purpose of this NOTAM IS to explain these changes. North Atlantic (NAT) document 007, TITLED guidance concerning air navigation IN and above the north Atlantic MNPS airspace IS A guidance document published by International Civil Aviation Organization (ICAO) to assist users IN the proper procedures to be used when operating IN the NAT. Chapter 5 of document 007, TITLED oceanic Air Traffic Control clearances, IS the chapter to which these changes pertain. There are three COMPONENTS to an oceanic clearance. They are route, altitude and speed. It IS the delivery method of these three COMPONENTS which IS changing. Beginning on 5 February 2013, the FAA will consider the airport clearance which an aircraft receives on the ground at its departure aerodrome to be the route portion of the oceanic clearance. Altitude and speed assignment will occur prior to entry into the New York Center oceanic CTA. As IS the current operating procedure, unsolicited en-route route, altitude OR speed changes May occur due to changing traffic situations. At all times, the last assigned route, altitude and speed are to be maintained and should be considered your new oceanic profile. Having received all three COMPONENTS, the requirement to receive an oceanic clearance will have been meteorological.

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For example: an aircraft has filed an FPL from MDSD to EDDF. This would take the flight from the Santo Domingo Flight Information Region, through the Miami Flight Information Region and then the New York Flight Information Region before entering Santa Maria. The airport clearance provided on the ground at MDSD would fulfill the route requirement of the oceanic clearance. Once airborne and IN the Miami Flight Information Region, final speed and altitude assignment will be given after the flight IS coordinated between Miami and New York. If A route, speed OR altitude change en-route IS desired, then aircraft should make A request from the Air Traffic Control unit IN which they are operating. At all times, the last assigned route, altitude and speed are to be maintained. Track message identification number (TMI) confirmation for aircraft filing an abbreviated clearance IN lieu of the track coordinates will be accomplished prior to reaching the track entry Point. Users are reminded of the requirement to file an FPL and any subsequent changes with New York oceanic at KZWYZOZX, along with any other Air Traffic Control facilities that May require such filing. Flight level 055 - unlimited 05 February 12:00 2013 until until further notice. Created: 11 January 17:19 2013

KZNY 11/A0614 KZNY 20111020050000 PERM QXXXX N10A and N14A north American routes, non-common portion for aircraft landing DULLES international airport (IAD) revised to: BERGH L454 BOUNO CREEL J62 RBV HYPER3 arrival (RNAV equipped aircraft ONLY). Non-area navigation (RNAV) equipped aircraft landing IAD must file conventional routings IN lieu of N10A and N14A. If further information IS required please contact Mr. CHRIS WINKELEER, manager, New York Center (ZNY) operations support at 1-631-468-1018. 20 October 05:00 2011 until until further notice. Created: 19 October 11:49 2011

KZNY 11/A0580 KZNY 20110928114800 PERM QXXXX whenever an eastbound north Atlantic track IS published that originates at JAROM OR TALGO, aircraft transitioning the New York oceanic CTA and planning to join the JAROM/TALGO track must file A route from A Point 42N OR south direct to 44° North 50° West. For example, north Atlantic track (NAT) X-RAY IS published via JAROM TALGO 44° North 50° West 46° North 40° West 48° North 30° West 50° North 20° West SOMAX ATSUR. The following routes would be filed to join NATX: 1. An aircraft wishes to join NATX from M201. The correct route to file IN the New York CTA IS M201 DRYED 41° North 60° West 44° North 50° West NATX. 2. An aircraft wishes to join NATX from M202. The correct route to file IN the New York CTA IS M202 MUNNEY 41° North 60° West 44° North 50° West NATX. 3. An aircraft wishes to join NATX from M203. The correct route to file IN the New York CTA IS M203 SELIM 40° North 60° West 44° North 50° West NATX. Effective immediately until until further notice. Created: 28 September 11:48 2011

KZNY 11/A0346 KZNY 20110630040000 PERM QXXXX three waypoints named JISEL, EXXES and CEETE have been established IN warning area 107. They are published, but not charted, and exist IN aircraft S flight management systems. Due to the fact that warning area airspace IS not always available for air traffic control use, routing over JISEL, EXXES OR CEETE May not be flight planned by pilots OR operators. For additional information regarding these waypoints, contact CHRIS WINKELEER at 631-468-1018 OR via E-mail at CHRIS.WINKELEER@FAA.Governor. This NOTAM replaces NOTAM A0791/10. Surface - unlimited, 30 June 04:00 2011 until until further notice. Created: 22 June 12:37 2011

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KZNY 10/A0844 KZNY 20101209124200 PERM QXXXX until further notice Air Traffic Service route M201 IS not available for use at flight level 300 and below between the waypoints PAEPR and HANRI. Air Traffic Service route L453 IS not AVAIABLE for use at flight level 300 and below between the waypoints AZEZU and PAEPR. Flight level 055 - flight level 300, effective immediately until until further notice. Created: 09 December 12:42 2010

KZNY 10/A0258 KZNY 20100312125300 PERM QXXXX this NOTAM revises NOTAM A0379/09. No procedural changes have been made. It has been edited for brevity. Westbound oceanic flight clearance procedures. Due to regional air traffic control automation system compatibly problems the following modification were made to westbound oceanic flight clearance and RECLEARANCE procedures IN the north Atlantic region on May 11, 2009. These procedures are only applied within the SHANWICK, gander, and New York area control centers and continue IN force as follows: aircraft that will proceed south of latitude 39 north and west of longitude 67 west will be cleared to the first named fix IN the New York OCA that IS specified IN the AIRCRAFT'S filed flight plan, followed by the phraseology - via flight planned route to destination. Aircraft that will proceed south of latitude 20 north and east of longitude 60 west will be cleared to the last set of coordinates specified IN the AIRCRAFT'S filed flight plan prior to latitude 20 north followed by the phraseology - via flight planned route to destination. Feet that have been taken off their flight planned route will be RECLEARED to A fix specified IN the AIRCRAFT'S filed flight plan followed by the phraseology via flight planned route to destination. It IS imperative that operators file flight plans (FPL) and flight plan change (CHG) messages through the New York oceanic CTA/Flight Information Region use the address KZWYZOZX. It must be noted that the New York oceanic address IS separate from the New York domestic address (KZNYZRZX). Operators May forward questions to: SHANWICK Air Control Center, FINLAY smith, ( FINLAY.SMITH@NATS.CO.UK ), 00-44-1292-692663 gander Air Control Center, Robert FLEMING, ( FLEMINR@NAVCANADA.CA ), (001)-709-651-5233 New York Air Control Center, PETER EHRLEIN, ( PETER.C.EHRLEIN@FAA.Governor ), (001)-631-468-1021. Surface - unlimited 12 March 12:53 2010 until until further notice. Created: 12 March 13:06 2010

KICZ 19/A0013 KICZ 20190501002500 PERM Security..United states of America flight prohibition for Venezuela all flight operations IN the territory and airspace of Venezuela at altitudes below FL 260 by the persons described IN paragraph A below are prohibited until further advised due to increasing political instability and TENSIONS IN Venezuela and the associated inadvertent risk to flight operations. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.&#8208;REGISTERED aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Permitted operations. This NOTAM does not prohibit persons described IN paragraph A (APPLICABILITY) from conducting flight operations IN the above-named area when such operations are authorized either by another agency of the united states government with the approval of the FAA OR by A deviation, exemption, OR other authorization issued by the FAA administrator. Operators must call the FAA Washington operations Center at 202-267-3333 to initiate coordination for FAA authorization to conduct operations. C. ALLOWANCES. Persons described IN paragraph A above who are IN the territory and airspace of Venezuela at the time

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this NOTAM IS issued May depart the territory and airspace of Venezuela by the most expeditious possible route within 48 hours from the time this NOTAM IS issued, if the pilot IN command determines that the operation Canada be conducted safely. D. Emergency situations. IN an emergency that requires immediate decision and action for the safety of the flight, the pilot IN command of an aircraft May deviate from this NOTAM to the extent required by that emergency. This NOTAM IS an emergency order issued under 49 USC 40113(A) and 46105(C). Surface - flight level 259 01 May 00:25 2019 until permanent. Created: 01 May 00:28 2019

KICZ 19/A0003 KICZ 20190226123100 PERM Security..United states of America advisory for Mali. Those persons described IN paragraph A below should exercise caution when flying into, out of, within OR over the territory and airspace of Mali at altitudes below flight level 260 due to ongoing fighting and extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area at altitudes below flight level 260 must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITWATCH@FAA.Governor with specific flight details to the maximum extent possible. C. Operations. Exercise caution during flight operations due to ongoing fighting and the possibility of attacks on civil aviation by extremists/militants. Aircraft May encounter fire from small ARMS; indirect fire weapons, such as mortars and ROCKETS; and Anit-aircraft-capable weapons, including MAN-portable air defense systems (MANPADS). Such weapons could target aircraft at low altitudes, including during the arrival and departure phases of flight, and/OR target airports and aircraft on the ground. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 26 February 2020. Additional information IS provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - flight level 259 26 February 12:31 2019 until 26 February 23:59 2020 estimated. Created: 26 February 12:40 2019

KICZ 19/A0002 KICZ 20190226122700 PERM Security..United states of America advisory for Kenya. Those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Kenya east of 40 degrees east longitude at altitudes below flight level 260 due to the possibility of extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450. C.



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Operations. Exercise caution during flight operations due to the possibility of attacks by extremists/militants on civil aviation. Aircraft May encounter various Anit-aircraft weapons, including MANPADS, small-arms, and indirect fire weapons, such as mortars and rockets, which could target aircraft at low altitudes, including during the arrival and departure phases of flight and/OR target airports and aircraft on the ground. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 26 February 2020. Additional information IS provided at:  
[http://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - FL259), 26 February 12:27 2019 until 26 February 23:59 2020 estimated. Created: 26 February 12:36 2019

KICZ 18/A0014 KICZ 20180808114500 20190808235900 Security..United states of America advisory for the Republic of south Sudan those persons described IN paragraph A should exercise caution flying into, out of, within OR over the territory and airspace of south Sudan at altitudes below flight level 260 due to the potentially hazardous situation Created by political instability and fragile security IN south Sudan. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Persons described IN paragraph A (APPLICABILITY) who intend to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; ensure their operations specification, management specification, OR letter of authorization B450 IS CURRENT; and, to the maximum extent possible, provide advance notice of flights, with specific details, to ash-AXE-CITE-WATCH@FAA.Governor at least 72 hours prior to takeoff. C. Operations. Exercise caution during flight operations due to the potential risk from small-arms fire, rocket-propelled grenades, heavy machine GUNS, and shoulder-fired MAN-portable air defense systems (MANPADS). Airspace deconfliction remains A potential concern due to numerous threats to SHOOT down aircraft by multiple parties IN south Sudan. The risk to United States civil aviation IS primarily while on the ground and at low altitudes during approach and departure phases of flight. Those persons described IN paragraph A (APPLICABILITY) must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 8 August 2019. Additional information IS provided at:  
[https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS). Surface - flight level 259 08 August 11:45 2018 until 08 August 23:59 2019. Created: 08 August 11:35 2018

KICZ 17/A0027 KICZ 20171213141000 20200107235900 Security..United states of America flight prohibition against certain flights IN the territory and AIRSPACE of SOMALIA 14 CFR 91.1613 special federal aviation regulation (SFAR) no. 107 prohibition against certain flights IN the territory and airspace of SOMALIA was published IN the federal register on 13 December 2017 and was effective immediately. Additional information IS provided at:  
[https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - flight level 259, 13 December 14:10 2017 until 07 January 23:59 2020. Created: 13 December

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14:14 2017

\*\*\*\*\* Notices \*\*\*\*\*

If flying outside the United States, check data as soon as practical after entering foreign airspace, as our international data may be inaccurate or incomplete. Contact the country whose airspace you will enter at the first opportunity.