



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

December 6, 2019

Attachment 5 – Accident Flight Weather Packet

OPERATIONAL FACTORS

DCA19CA151

Cover Page

***** Incorrect ACARS Date and Time *****

ACARS date and time may be incorrect on originating aircraft. To avoid potential incorrect FAR 117 calculations or block times, ensure correct ACARS date and time as part of preflight and postflight duties. Contact Dispatch to initiate a three way call with Maintenance Control if either is incorrect. A fix will be deployed to all aircraft during the second quarter of 2019.



COMPANY NOTICE :

No Global Notams issued

Weather Packet

Flight Details

Flight 2842, KMDW - KJAX	
Alternates	
Take Off	NONE
Landing	NONE
Driftdown	NONE
ETOPS	NONE

Destination Weather KJAX : JAX : JACKSONVILLE INTERNATIONAL

Surface Observations

KJAX 251756Z 08007KT 040V110 10SM FEW035 35/18 A3012 RMK A02
SLP198 T03500183 10350 20222 58014
KJAX 251656Z 00000KT 10SM CLR 34/17 A3013 RMK A02 SLP203
T03390172

DATIS

JAX ATIS INFO M 1756Z. 09007KT 040V110 10SM FEW035 35/18 A3012 (THREE ZERO ONE TWO). VISUAL
APPROACH RUNWAY 8 IN USE. LANDING AND DEPARTING RY 8 AND R Y 14. NOTAMS... TWY M 1 CLOSED.
CAUTION, BIRDS NEAR AIRPORT. ...ADVS YOU HAVE INFO M.

Terminal Forecasts

TAF KJAX 251720Z 2518/2618 06008KT P6SM FEW060
FM252000 11010KT P6SM FEW060
FM260100 19004KT P6SM SKC

Departure Weather KMDW : MDW : CHICAGO MIDWAY

Surface Observations

KMDW 251753Z 25016G25KT 10SM BKN036 BKN240 26/17 A2994 RMK A02
PK WND 26030/1657 SLP128 60000 T02560172 10261 20228 50008
KMDW 251653Z 26015G28KT 10SM SCT038 SCT055 BKN070 BKN240 25/17
A2995 RMK A02 PK WND 24033/1555 RAB14E24 SLP131 P0000 T02500172

DATIS

MDW ATIS INFO W 1753Z. 25016G25KT 10SM BKN036 BKN240 26/17 A2994 (TWO NINER NINER FOUR) RMK
A02 PK WND 26030/1657 SLP128 60000 10261 20228 50008. RNAV Y 22L APCH IN USE. LNDG AND DEPG
RWYS 22. AIRCRAFT SHOULD OPERATE MODE CEE ON ALL TWYS AND RWYS. TURBOJET DEPARTURES MAINTAIN
250 KNOTS UNTIL ADVISED BY ATC. GROUND METERING IS IN EFFECT. CTC 124.62 FOR PUSHBACK.. HAZD
WEA INFO FOR MDW AREA AVBL ON HIGH WAZZ OR FSS FREQ. MIDWAY A/C ON FREQUENCY 135.2. READBACK
ALL RWY HOLD SHORT INSTRUCTIONS AND ALT ASSIGNMENTS. ...ADVS YOU HAVE INFO W.

Terminal Forecasts

TAF KMDW 251744Z 2518/2624 25014G22KT P6SM SCT035 BKN050
FM260100 24010KT P6SM BKN050 BKN250
FM260800 02008KT P6SM -SHRA VCTS SCT025 BKN040CB
FM261200 05007KT P6SM -SHRA SCT020 OVC035
FM261800 09008KT P6SM BKN050

Alternate Weather

Destination Information KJAX : JAX : JACKSONVILLE INTERNATIONAL

RAFTs

KJAX B737-700, B737-800, B737-7, B737-8
Effective 2019-05-25 12:05Z to 2019-05-26 12:05Z
0.30 available 12:05Z to 12:05Z
0.11 available 12:05Z to 12:05Z

Weather Packet : Destination Information KJAX : JAX : JACKSONVILLE INTERNATIONAL : RAFs

except for 16:12Z to 16:13Z
except for 17:27Z to 17:45Z

Field Conditions

Airport Remark:
08 (Runway)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2019-05-25 16:43Z by ATC

14 (Runway)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2019-05-25 16:43Z by ATC

Taxiway (Taxiway)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2019-05-25 16:43Z by ATC

WN Ramp Area (Ramp Area)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2019-05-25 16:43Z by ATC

Station Information

No Company NOTAMs issued

D NOTAMs

!JAX 05/053 JAX TWY P LOCATION MARKINGS BTN TWY V AND TWY N NOT STD 1905242108-1906072100

!JAX 05/012 JAX OBST TOWER LGT (ASR 1060072) 303713.00N0813859.00W (7.9NM NNE JAX) 268.4FT (246.7FT AGL) OUT OF SERVICE 1905131139-1906132359

!JAX 03/011 JAX TWY M1 CLSD 1903081523-2003012200

VOR NOTAMs

No VOR NOTAMs issued.

FDC NOTAMs

!FDC 9/1533 JAX IAP JACKSONVILLE INTL,
Jacksonville, FL.
ILS OR LOC RWY 14, AMDT 7B...
ILS OR LOC RWY 8, AMDT 13A...
RNAV (GPS) Z RWY 14, AMDT 2B...
RNAV (GPS) Z RWY 26, AMDT 2C...
RNAV (GPS) Z RWY 32, AMDT 2D...
RNAV (GPS) Z RWY 8, AMDT 2B...
CIRCLING CATS A/B/C MDA 560/HAA 531.
TEMPORARY CRANE 207 MSL 1579 FT SE OF KJAX
(2018-ASO-3235/3236-NRA).
1905021942-1912121942EST

!FDC 9/1534 JAX IAP U.S. DOD JACKSONVILLE INTL,
Jacksonville, FL.
HI - ILS OR LOC RWY 14, AMDT 3...
HI - ILS OR LOC RWY 8, AMDT 5...
CIRCLING CAT C MDA 560/HAA 531.
TEMPORARY CRANE 207 MSL 1579 FT SE OF KJAX
(2018-ASO-3235/3236-NRA).
1905021942-1912121942EST

!FDC 9/7123 JAX IAP U.S. DOD JACKSONVILLE INTL,
Jacksonville, FL.
HI - TACAN RWY 14, AMDT 4A...
S-14 CATS C/D/E MDA 400/HAT 373. CIRCLING CAT C MDA 560/HAA 531.
NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT
AUTHORIZED. TEMPORARY CRANE 207 MSL 1579 FT SE OF KJAX
(2018-ASO-3235/3236-NRA).
1904251229-1912051228EST

Weather Packet : Destination Information KJAX : JAX : JACKSONVILLE INTERNATIONAL : FDC NOTAMS

!FDC 9/7120 JAX IAP JACKSONVILLE INTL,
Jacksonville, FL.
ILS OR LOC RWY 26, AMDT 2B...
ZETRI FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) S-LOC 26 MDA
400/HAT 373 ALL CATS, VIS CATS C/D RVR 3500. CIRCLING CATS A/B/C
MDA 560/HAA 531. CHANGE FOR INOPERATIVE MALSR NOTE TO READ: FOR
INOPERATIVE MALSR, INCREASE S-LOC 26 CATS C/D VISIBILITY TO 1 3/8
MILE, ZETRI FIX MINIMUMS: INCREASE S-LOC 26 CATS C/D VISIBILITY TO
RVR 5500. TEMPORARY CRANE 207 MSL 1579 FT SE OF KJAX
(2018-ASO-3235/3236-NRA).
1904251226-1912051225EST

!FDC 9/2510 JAX IAP JACKSONVILLE INTL,
Jacksonville, FL.
VOR/DME RWY 32, AMDT 2B...
PROCEDURE NA.
1902112051-1909232051EST

Military NOTAMS

No Military NOTAMS issued.

C NOTAMS

No C NOTAMS issued.

PIREPs

SGJ UA /OV CRG135025 /TM 1812 /FL024 /TP C172 /RM DRONE SIGHTING 10MN SE CRG FL025

Departure Information KMDW : MDW : CHICAGO MIDWAY**RAFs**

KMDW B737-700, B737-800, B737-7, B737-8
Effective 2019-05-25 12:05Z to 2019-05-26 12:05Z
0.30 available 12:05Z to 12:05Z
0.18 available 12:05Z to 12:05Z
0.11 available 12:05Z to 12:05Z
except for 23:33Z to 23:45Z

Field Conditions

Airport Remark:
22L (Runway)
Braking Action: 6-Dry, Surface Condition: None
Remark: swa 4402
Observed at 2019-05-25 16:38Z by Southwest Airlines Flights

Taxiway (Taxiway)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2019-05-25 16:38Z by Southwest Airlines Flights

WN Ramp Area (Ramp Area)
Braking Action: 6-Dry, Surface Condition: None
Remark:
Observed at 2019-05-25 16:38Z by Southwest Airlines Flights

Station Information

No Company NOTAMS issued

D NOTAMS

!MDW 05/180 MDW OBST TOWER LGT (ASN 2017-AGL-4576-OE) 415037N0873958W (5.2NM NE MDW) 841FT
(247FT AGL) OUT OF SERVICE 1905161332-1905311331

!MDW 05/178 MDW OBST TOWER LGT (ASN 2019-AGL-650-OE) 414810N0875331W (6.3NM W MDW) 796FT
(120FT AGL) OUT OF SERVICE 1905160359-1905310359

!MDW 05/148 MDW OBST TOWER LGT (ASN 2017-AGL-21919-OE) 414517N0875214W (5.6NM WSW MDW) 810FT
(212FT AGL) OUT OF SERVICE 1905132352-1905282252

Weather Packet : Departure Information KMDW : MDW : CHICAGO MIDWAY : D NOTAMs

!MDW 05/140 MDW OBST TOWER LGT (ASR 1009152) 413952.70N0874255.50W (7.5NM SSE MDW) 848.1FT (250.0FT AGL) OUT OF SERVICE 1905131624-1905281624

!MDW 03/229 MDW RWY 22L ENGINEERED MATERIAL ARST SYSTEM U/S 1903252040-1906251100

VOR NOTAMs

No VOR NOTAMs issued.

FDC NOTAMs

!FDC 9/6231 MDW IAP CHICAGO MIDWAY INTL, Chicago, IL.
RNAV (RNP) Y RWY 31C, ORIG-B...
RNP 0.30 DA 1020/HAT 407 ALL CATS. VIS RVR 6000 ALL CATS.
1905131728-2105131728EST

!FDC 9/5080 MDW ODP CHICAGO MIDWAY INTL, Chicago, IL.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 12...
DEPARTURE PROCEDURE RWY 31C, CLIMB HEADING 318 TO 1500 BEFORE
TURNING.
ALL OTHER DATA REMAINS AS PUBLISHED. 1903111500-2103111500EST

Military NOTAMs

No Military NOTAMs issued.

C NOTAMs

No C NOTAMs issued.

PIREPs

DPA UA /OV KDPA160006/TM 1610/FL020/TP P28A/SK BASE028/WX -RA/TB LGT CHOP/RM DURD RY28

PWK UA /OV PWK/TM 1720/FL020/TP C525/WX 10/TA 22/WV 25015G19/RM BASES 020MSL

PWK UA /OV PWK/TM 1749/FL023/TP C680/RM TOPS 030MSL BASES 023MSL

DPA UA /OV KDPA 290003/TM 1720/FL024/TP RV4/SK BKN024/RM DURD RY28

PWK UA /OV 10NE PWK/TM 1545/FL032/TP C56X/RM BASES APPROX. 032MSL

1633Z
Location 5S JOT FL370
Temp -46.7C
Wind 92KT @ 235

1805Z
Location 20W GIJ FL120
Temp -18.3C
Wind 40KT @ 262

1804Z
Location 20W GIJ FL120
Temp -17.8C
Wind 42KT @ 260

SBN UA /OV GIJ270020/TM 1619/FL170/TP B717/TA M13/IC LGT MIX 170-210

ENW UA /OV KENW/TM 1650/FL022/TP C56X/RM BASES 022AGL

Alternate Information

Enroute Information

SIGMETs

CONVECTIVE SIGMET 11E
VALID UNTIL 1955Z
OH IN LE
FROM 50SSE DX0-60NNW APE-20SSW TTH-20NW TTH-40WNW FWA-50SSE DX0
AREA SEV TS MOV FROM 26030KT. TOPS TO FL420.
HAIL TO 1 IN...WIND GUSTS TO 50KT POSS.

Weather Packet : Enroute Information : SIGMETs

OUTLOOK VALID 251955-252355
FROM 30NNW SYR-40WSW RIC-30ENE ODF-30W HNN-50ENE PXV-40W PMM-40SE
DXO-BUF-30NNW SYR
WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

OUTLOOK VALID 251955-252355
FROM 40W PMM-40ENE PXV-ARG-40SW SGF-40WSW ACT-60SSE MRF-50NNE
TCC-SLN-40W PMM
WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

WSI SIGMETs

No WSI SIGMETs issued.

WSI FPGs

WSI FPG: Turbulence
Valid: 2019-05-25 18:00Z until 2019-05-25 21:00Z
Type: CAT Intensity: Light, Occasional Moderate
From FL350 to FL420
Outlook: NC
Area: 50WSW SSM - 20SSW GRB - 15WSW DLL - 40S DBQ - 15ENE BDF - 20ESE OBK - 70N GIJ - 45WNW
MBS - 45NW ASP - 45SE SSM - 15WSW SSM - 50WSW SSM
Discussion: HORIZONTAL WIND SHEAR
ID: 19340 (WSI/B.K.)

WSI FPG: Convective
Valid: 2019-05-25 18:00Z until 2019-05-25 21:00Z
From FL330 to FL390
Outlook: NC
Area: 30WNW VWV - 30WSW BVT - 80NE PXV - 35NW APE - 30WNW VWV
ID: 20488 (WSI/CU)

PIREPs

1716Z
Location 15W BVT FL310
Temp -38.9C
Wind 62KT @ 247

LAF UA /OV BVT200020/TM 1722/FL230/TP B737/TA M18/TB LGT/IC LGT RIME

BMG UA /OV 00M190040/TM 1657/FL320/TP B737/TA M25/TB CONT LGT

1759Z
Location 50SSE IIU FL320
Temp -40.6C
Wind 45KT @ 247

1658Z
Location 60SSE IIU FL380
Temp -48.3C
Wind 31KT @ 232

1658Z
Location 60ESE BWG FL370
Temp -46.7C
Wind 19KT @ 241

1555Z
Location 55NW VXV FL360
Temp -45.0C
Wind 17KT @ 261

1706Z
Location 30E RMG FL360
Temp -45.0C
Wind 14KT @ 290

1533Z
Location 5N ATL FL360
Temp -43.9C
Wind 26KT @ 301

1659Z
Location 0N ATL FL360

Weather Packet : Enroute Information : PIREPs

Temp -44.4C
Wind 20KT @ 296

ARP UAL330 3337N 08426W 1601 F360 MS49 296/024KT TB SMTH

1550Z
Location 20WNW MCN FL370
Temp -46.1C
Wind 18KT @ 311

D NOTAMs

No D NOTAMs issued.

C NOTAMs

No C NOTAMs issued.

Downline Stations KMDW : MDW : CHICAGO MIDWAY**Surface Observations**

KMDW 251753Z 25016G25KT 10SM BKN036 BKN240 26/17 A2994 RMK A02
PK WND 26030/1657 SLP128 60000 T02560172 10261 20228 50008
KMDW 251653Z 26015G28KT 10SM SCT038 SCT055 BKN070 BKN240 25/17
A2995 RMK A02 PK WND 24033/1555 RAB14E24 SLP131 P0000 T02500172

Downline Stations KJAX : JAX : JACKSONVILLE INTERNATIONAL**Surface Observations**

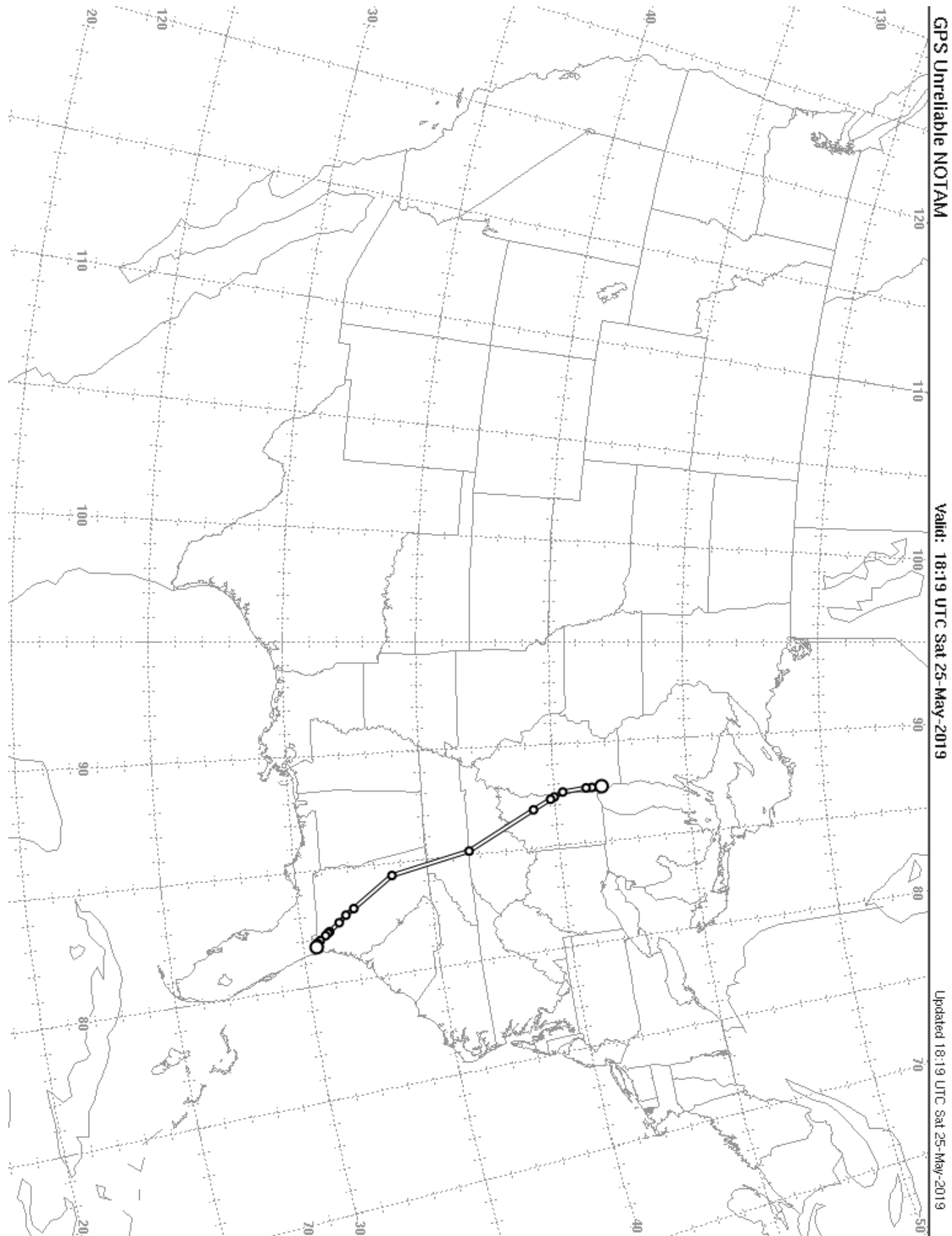
KJAX 251756Z 08007KT 040V110 10SM FEW035 35/18 A3012 RMK A02
SLP198 T03500183 10350 20222 58014
KJAX 251656Z 00000KT 10SM CLR 34/17 A3013 RMK A02 SLP203
T03390172

Downline Stations KBWI : BWI : BALTIMORE/WASH THURGOOD MARSHA**Surface Observations**

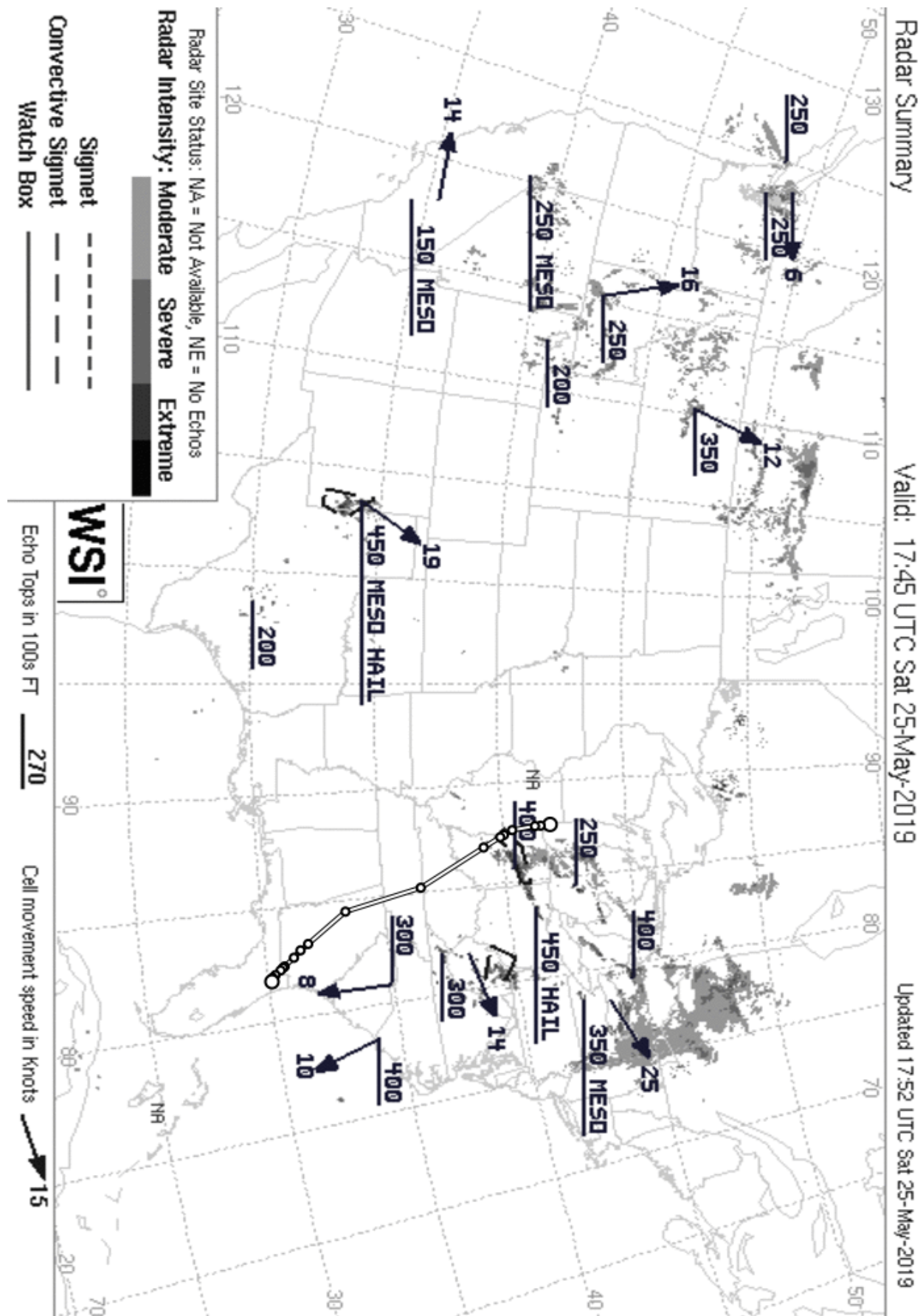
KBWI 251754Z 15010G20KT 10SM SCT032 SCT160 SCT250 24/16 A3015
RMK A02 SLP207 T02390156 10244 20189 58021
KBWI 251654Z 12013G18KT 10SM FEW045 SCT090 SCT160 SCT250 23/15
A3018 RMK A02 SLP217 ACSL SW-NW T02330150

Weather Charts

CONUS GPS NOTAM Unreliable



CONUS Radar Summary



Weather Charts : CONUS Radar Summary

CONUS WSI FPGs

