

# U.S. Naval Observatory Astronomical Applications Department

## Sun and Moon Data for One Day

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Bay St Louis, Mississippi (Longitude W89° 27', Latitude N30° 22')

February 14, 2014

Universal Time - 6h

<b>Sun</b>	
Begin civil twilight	06:14
Sunrise	06:39
Sun transit	12:12
Sunset	17:45
End civil twilight	18:10
<b>Moon</b>	
Moonset	06:09
Moonrise	17:46
Moon transit	00:17 on following day
Moonset	06:43 on following day

Phase of the Moon on February 14, 2014: Full Moon at 17:53

FAUS44 KPCI 151945

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1934

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-DFWC FA 151945

SYNOPSIS AND VFR CLDS/WX

SYNOPSIS VALID UNTIL 161400

CLDS/WX VALID UNTIL 160800...OTLK VALID 160800-161400

OK TX AR TN LA MS AL

.

SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.

TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.

NON MSL HGTS DENOTED BY AGL OR CIG.

.

SYNOPSIS...20Z LOW 50SW LBL WITH QSTNRY FNT ALG A 30SW TBE-50SW  
LBL-ABI-SAT-120SE CRP LN. 14Z WK LOW INVOF DFW WITH CDFNT ALG A  
DFW-ABI-INK-30E ROW LN. WRMFNT ALG A DFW-GGG-LCH-110SE LCH LN.

.

OK

PNHDL...SCT CI. OTLK...VFR.

RMNDR W HLF...SCT-BKN CI. WND SW 20G30KT. 23Z SCT CI. OTLK...VFR.

E HLF...BKN-SCT CI. WND SW G25KT. 00Z SCT CI. OTLK...VFR.

.

NWRN TX

PNHDL...BKN-SCT CI. OTLK...VFR.

RMNDR...SCT CI. OCNL BKN CI NRN SXNS. OTLK...VFR.

.

SWRN TX

MTNS WWD...SCT CI. OTLK...VFR.

EXTRM SERN TRANSPCOS RGN...SKC. OTLK...VFR...12Z IFR CIG BR.

RMNDR TRANSPCOS RGN...SCT CI. OTLK...VFR.

.

N CNTRL TX

W HLF...BKN-SCT CI. WND S G25KT. 00Z SCT CI. OTLK...VFR.

E HLF...SCT-BKN CI. OTLK...VFR...10Z MVFR CIG.

.

NERN TX

BKN CI. OTLK...VFR...11Z MVFR CIG.

.

SERN TX

SCT CI. 06Z SCT015. OTLK...MVFR CIG BR...10Z IFR CIG BR.

.

S CNTRL TX

HILL COUNTRY...SCT CI. 06Z OVC015 TOPS 025. OTLK...IFR CIG DZ BR.

CSTL PLAINS...SCT030-035. BECMG 0205 BKN015-025 TOPS 030.

OTLK...IFR CIG BR.

RMNDR...SKC. OTLK...MVFR BR.

.

AR

NERN QTR...BKN100 TOPS 130. 06Z SCT070. OTLK...VFR.

RMNDR...SCT120 SCT-BKN CI. OTLK...VFR.

.

LA

N THIRD...BKN-SCT CI. OTLK...VFR.

SE THIRD...SCT CI. OTLK...VFR.

RMNDR...SCT CI. 06Z OCNL SCT020 WITH VIS 4SM BR. OTLK...MVFR  
BR...10Z IFR.

.

TN

W TN...BKN100-120 TOPS 150. OTLK...VFR.

MIDDLE TN...SCT120 SCT150. BECMG 2301 SCT060 BKN100 LYRD FL200.  
OTLK...VFR.

E TN...SCT045. 00Z SCT050 SCT-BKN100 BKN150 TOPS 170. OTLK...VFR.

.

MS

NRN QTR...SCT120. 00Z BKN-SCT120 TOPS 150. OTLK...VFR.

CNTRL HLF...SKC. OTLK...VFR.

SRN QTR...SCT CI. OTLK...VFR...11Z MVFR BR.

.

AL

N THIRD...BKN-SCT120 TOPS 150. OTLK...VFR.

CNTRL THIRD...SKC. 00Z SCT CI. OTLK...VFR.

S THIRD...SCT CI. TIL 01Z OCNL SCT025 CCTL SXNS. OTLK...VFR.

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FAUS44 KPCI 151245 AAA

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FA4W

-DFWC FA 151245 AMD

SYNOPSIS AND VFR CLDS/WX

SYNOPSIS VALID UNTIL 160500

CLDS/WX VALID UNTIL 152300...OTLK VALID 152300-160500

OK TX AR TN LA MS AL

.

SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.

TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.

NON MSL HGTS DENOTED BY AGL OR CIG.

.

SYNOPSIS...WRMFNT W CNTRL TX-WRN GLFMEX FCST 05Z NERN OK-ERN  
TX-CNTRL GLFMEX. CDFNT DVLPG 00Z OK PNHDL FCST 05Z NERN OK-TX  
PNHDL. RDG OF HIGH PRES AR-NW TX FCST 05Z ERN TN-NERN GLFMEX.

.

OK

PNHDL...BKN CI. OTLK...VFR.

E HLF...BKN CI. 18Z SCT150 BKN CI. OTLK...VFR.

RMNDR...BKN CI. AFT 15Z WND SW 20G30KT. OTLK...VFR.

.

WRN TX

BKN CI. AFT 15Z PNHDL WND W G25KT. OTLK...VFR THRUT.

.

N CNTRL TX

BKN CI. AFT 17Z WND SW G25KT. OTLK...VFR.

.

NERN TX

BKN CI. 15Z SCT150 BKN CI. OTLK...VFR.

.

SERN TX

SCT-BKN CI. OTLK...VFR.

.

S CNTRL TX..UPDT

LWR RIO GRANDE VLY...BKN010 TOP 020. VIS 3SM BR. BECMG 1516 SKC.  
OTLK...VFR.  
RMNDR...SCT CI. OTLK...VFR.

.  
AR

SCT-BKN CI. 16Z SCT080 SCT150 BKN CI. OTLK...VFR.

.  
LA

SCT-BKN CI. OTLK...VFR.

.  
TN

WRN 1/3...BKN015-020 TOP 060-080. 14Z SCT-BKN CI. OTLK...VFR.  
MIDDLE...OVC010-015 TOP 080. VIS 3-5SM -DZ/BR. BECMG 1415 BKN040.  
18Z BKN100 LYRD FL200. OTLK...VFR.  
RMNDR...OVC025 TOP 130 BKN CI. VIS 3-5SM -SN/BR. BECMG 1517  
SCT050 SCT CI. OTLK...VFR.

.  
MS

N HLF...BKN020-025 TOP 060-080. BECMG 1214 SCT CI. OTLK...VFR.  
S HLF...SKC. OTLK...VFR.

.  
AL

N HLF...OVC015-020 TOP 080. BECMG 1517 SCT CI. OTLK...VFR.  
S HLF...SCT035. 13Z SKC. OTLK...VFR.

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FAUS44 KPCI 151045

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1030

FA4W

-DFWC FA 151045

SYNOPSIS AND VFR CLDS/WX

SYNOPSIS VALID UNTIL 160500

CLDS/WX VALID UNTIL 152300...OTLK VALID 152300-160500

OK TX AR TN LA MS AL

.  
SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.  
TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.  
NON MSL HGTS DENOTED BY AGL OR CIG.

.  
SYNOPSIS...WRMFNT W CNTRL TX-WRN GLFMEX FCST 05Z NERN OK-ERN  
TX-CNTRL GLFMEX. CDFNT DVLPG 00Z OK PNHDL FCST 05Z NERN OK-TX  
PNHDL. RDG OF HIGH PRES AR-NW TX FCST 05Z ERN TN-NERN GLFMEX.

.  
OK

PNHDL...BKN CI. OTLK...VFR.

E HLF...BKN CI. 18Z SCT150 BKN CI. OTLK...VFR.

RMNDR...BKN CI. AFT 15Z WND SW 20G30KT. OTLK...VFR.

.  
WRN TX

BKN CI. AFT 15Z PNHDL WND W G25KT. OTLK...VFR THRUT.

.  
N CNTRL TX

BKN CI. AFT 17Z WND SW G25KT. OTLK...VFR.

.  
NERN TX

BKN CI. 15Z SCT150 BKN CI. OTLK...VFR.

.

SERN TX

SCT-BKN CI. OTLK...VFR.

.

S CNTRL TX

XTRM SRN TIP...SCT CI. TIL 13Z OCNL VIS 3-5SM BR. OTLK...VFR.

RMNDR...SCT CI. OTLK...VFR.

.

AR

SCT-BKN CI. 16Z SCT080 SCT150 BKN CI. OTLK...VFR.

.

LA

SCT-BKN CI. OTLK...VFR.

.

TN

WRN 1/3...BKN015-020 TOP 060-080. 14Z SCT-BKN CI. OTLK...VFR.

MIDDLE...OVC010-015 TOP 080. VIS 3-5SM -DZ/BR. BECMG 1415 BKN040.

18Z BKN100 LYRD FL200. OTLK...VFR.

RMNDR...OVC025 TOP 130 BKN CI. VIS 3-5SM -SN/BR. BECMG 1517

SCT050 SCT CI. OTLK...VFR.

.

MS

N HLF...BKN020-025 TOP 060-080. BECMG 1214 SCT CI. OTLK...VFR.

S HLF...SKC. OTLK...VFR.

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AL

N HLF...OVC015-020 TOP 080. BECMG 1517 SCT CI. OTLK...VFR.

S HLF...SCT035. 13Z SKC. OTLK...VFR.

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FAUS44 KKCI 150245

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FA4W

-DFWC FA 150245

SYNOPSIS AND VFR CLDS/WX

SYNOPSIS VALID UNTIL 152100

CLDS/WX VALID UNTIL 151500...OTLK VALID 151500-152100

OK TX AR TN LA MS AL

.

SEE AIRMET SIERRA FOR IFR CONDS AND MTN OBSCN.

TS IMPLY SEV OR GTR TURB SEV ICE LLWS AND IFR CONDS.

NON MSL HGTS DENOTED BY AGL OR CIG.

.

SYNOPSIS...03Z WRMFNT NERN MT-NW SD-NERN CO-ERN NM THEN CDFNT TO

FAR W TX. CDFNT FM LOW PRES ERN KY-NERN AL-SE LA-SCNTRL TX. HI

PRES RDG NERN MN-SE NE-CNTRL TX. 12Z WRMFNT NCNTRL SD-SW KS-SE

NM-FAR W TX. HI PRES CNTRL IL-SCNTRL TX. 21Z WRMFNT CNTRL

KS-90SSE MRF. TROF SE CO-SE NM-70W MRF. HI PRES SRN LWR MI-NERN

LA-WRN GLFMEX.

.

OK

PNHDL...BKN CI. OTLK...VFR.

WRN...BKN CI. OTLK...VFR WND.

CNTRL...SKC. OTLK...VFR 18Z WND.

ERN...SKC. OTLK...VFR.  
.  
NWRN TX  
BKN CI. OTLK...VFR.  
.  
SWRN TX  
SCT-BKN CI. OTLK...VFR.  
.  
N CNTRL TX  
SCT-BKN CI. OTLK...VFR 18Z WND.  
.  
NERN TX  
SKC. OTLK...VFR.  
.  
SERN TX  
SCT-BKN CI. OTLK...VFR.  
.  
S CNTRL TX  
SKC. OTLK...VFR.  
.  
AR  
NW...SKC. OTLK...VFR.  
NERN...OVC035-045 TOP 080. 06Z SKC. OTLK...VFR.  
SRN...SKC. OTLK...VFR.  
.  
LA  
NRN...SKC. OTLK...VFR.  
CNTRL-SW...BKN060 TOP 080. 04Z BKN CI. OTLK...VFR.  
SERN...BKN035 OVC050 TOP 080. 05Z SCT035. OTLK...VFR.  
.  
TN  
WRN...SCT025 BKN040 TOP 080. OTLK...VFR.  
MIDDLE...OVC015-025 TOP FL250. VIS 3-5SM -RASN BR. WND NW G25KT.  
12Z OVC040. ISOL -SHSN. OTLK...VFR.  
ERN...BKN045 OVC080 TOP FL250. OCNL VIS 3-5SM -RA BR. BECMG 0406  
OVC025-035. VIS 3-5SM -SNRA BR. 08Z VIS 3SM -SN BR. OTLK...VFR.  
.  
MS  
NW...SCT050. WND NW G25KT. 09Z SKC. OTLK...VFR.  
NERN...SCT025 BKN050 TOP 100. WND NW G25KT. 12Z SKC. OTLK...VFR.  
CSTL...OVC050-060 TOP 100. 06Z SCT035. OTLK...VFR.  
RMNDR SRN...BKN035 OVC050 TOP FL180. WDLY SCT -SHRA/ISOL -TSRA.  
CB TOP FL250. BECMG 0406 SCT050. WND NW G25KT. 09Z SKC.  
OTLK...VFR.  
.  
AL  
NW...OVC015-025 TOP FL250. WND NW G25KT. 05Z BKN020 TOP 080. 12Z  
SCT030. OTLK...VFR.  
NERN...OVC015-025 TOP FL250. VIS 3-5SM -RA BR. ISOL EMBD -TSRA.  
CB TOP FL280. 05Z OVC020-030. WND NW G25KT. 10Z SCT035.  
OTLK...VFR.  
SW...BKN035 OVC050 TOP FL180. WDLY SCT -SHRA/ISOL -TSRA. CB TOP  
FL250. BECMG 0406 SCT050. WND NW G25KT. 09Z SKC. OTLK...VFR.  
SERN...SCT080 BKN150 TOP FL250. ISOL -SHRA. 04Z OVC015 TOP 110.

WND NW G25KT. 12Z SCT020. OTLK...VFR.

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WAUS44 KPCI 152045

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2042

WA4T

-DFWT WA 152045

AIRMET TANGO UPDT 4 FOR TURB VALID UNTIL 160300

.  
AIRMET TURB...OK AR TN MS AL ND SD NE KS MN IA MO IL IN KY  
FROM 50SW YWG TO 50SE MCW TO FWA TO CVG TO HNN TO HMV TO GQO TO  
50SW PZD TO OSW TO GLD TO BFF TO 70SW RAP TO 50NNW ISN TO 50SW  
YWG  
MOD TURB BTN FL200 AND FL400. CONDS CONTG BYD 03Z THRU 09Z.

.  
AIRMET TURB...OK TX AR SD NE KS MN IA MO IL  
FROM 60E ABR TO 40N UIN TO STL TO 20S LIT TO TTT TO ABI TO MMB  
TO BFF TO 70SW RAP TO 70NW RAP TO 60E ABR  
MOD TURB BLW 080. CONDS ENDG 00-03Z.

.  
OTLK VALID 0300-0900Z...TURB AR TN MS AL ND SD NE KS MN IA MO WI  
IL IN KY  
BOUNDED BY 50NNW ISN-50WNW INL-EAU-30NW IIU-HMV-GQO-50S LGC-SGF-  
GLD-BFF-70SW RAP-50NNW ISN  
MOD TURB BTN FL200 AND FL400. CONDS CONTG THRU 09Z.

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WAUS44 KPCI 152045

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2034

WA4Z

-DFWZ WA 152045

AIRMET ZULU UPDT 3 FOR ICE AND FRZLVL VALID UNTIL 160300

.  
AIRMET ICE...AR TN MS AL KS IA MO IL IN KY  
FROM 50SSE DSM TO 30N AXC TO 30S TTH TO CVG TO 40E VXV TO GQO TO  
40WNW MSL TO 70W ARG TO 30NNE OSW TO 50SSE DSM  
MOD ICE BTN FRZLVL AND FL180. FRZLVL SFC-080. CONDS CONTG BYD 03Z  
THRU 09Z.

.  
FRZLVL...RANGING FROM SFC-155 ACRS AREA  
MULT FRZLVL BLW 080 BOUNDED BY 50W FOD-40SW AXC-GQO-20NNW LGC-  
50ENE LIT-40NE SGF-20ENE BUM-30SSE PWE-OVR-90S FSD-50W FOD  
SFC ALG 50WNW BNA-20ESE BNA-GQO  
040 ALG 20N ARG-50W MSL-40SSE MSL-30W ATL  
080 ALG 50E RZC-50E LIT-40SSE IGB-50SE MGM-40W PZD  
120 ALG 50SSE TBE-60S LBL-70W TXK-30NNE LFK-100SSW LCH-110S  
LCH

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WAUS44 KPCI 152045

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2031

WA4S

-DFWS WA 152045

AIRMET SIERRA UPDT 4 FOR IFR VALID UNTIL 160300

.  
NO SGFNT IFR EXP OUTSIDE OF CNVTV ACT.

.  
OTLK VALID 0300-0900Z...IFR TX LA AND CSTL WTRS  
BOUNDED BY 20SW ACT-40ESE LCH-40ESE PSX-40SE CRP-BRO-90W BRO-DLF-



JCT-20SW ACT

CIG BLW 010/VIS BLW 3SM BR. CONDS DVLPG 03-06Z. CONDS CONTG THRU 09Z.

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WAUS44 KKCI 151445

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1445

WA4S

-DFWS WA 151445

AIRMET SIERRA UPDT 3 FOR IFR AND MTN OBSCN VALID UNTIL 152100

.

AIRMET IFR...TX

FROM 60ESE LRD TO 60S CRP TO 20E BRO TO 70SSE LRD TO 60ESE LRD  
CIG BLW 010/VIS BLW 3SM BR. CONDS ENDG 15-18Z.

.

AIRMET IFR...TN KY

FROM HNN TO HMV TO 40NW GQO TO 40E IIU TO HNN  
CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS ENDG 15-18Z.

.

AIRMET MTN OBSCN...TN KY

FROM HNN TO HMV TO GQO TO LOZ TO HNN  
MTNS OBSC BY CLDS/PCPN/BR. CONDS ENDG 18-21Z.

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WAUS44 KKCI 151445

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WA4T

-DFWT WA 151445

AIRMET TANGO UPDT 3 FOR TURB VALID UNTIL 152100

.

AIRMET TURB...OK TX AR ND SD NE KS MN IA MO

FROM 60SSW ISN TO 20NE FAR TO 20S COU TO 20SE FSM TO 20S TTT TO  
ABI TO LBB TO 40E SNY TO 50SSW BFF TO 60SSW ISN  
MOD TURB BLW 080. CONDS CONTG BYD 21Z ENDG 21-00Z.

.

AIRMET TURB...OK AR TN LA MS AL ND SD NE KS MN IA MO WI IL IN KY  
FROM 50NNE MOT TO 50SW MSP TO 40E DBQ TO CVG TO HNN TO HMV TO  
GQO TO 50SW PZD TO 40W CEW TO 30W MLU TO 40WSW LIT TO GLD TO 50E  
SNY TO 40ESE CYS TO 50NNW ISN TO 50NNE MOT  
MOD TURB BTN FL200 AND FL420. CONDS CONTG BYD 21Z THRU 03Z.

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WAUS44 KKCI 151445

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WA4Z

-DFWZ WA 151445

AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 152100

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NO SGFNT ICE EXP OUTSIDE OF CNVTV ACT.

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OTLK VALID 2100-0300Z...ICE AR TN MS AL KS MO IL IN KY

BOUNDED BY 50W IRK-40WNW AXC-TTH-IIU-40E VXV-GQO-40WNW MSL-70W  
ARG-30NNE OSW-50W IRK

MOD ICE BTN FRZLVL AND FL180. FRZLVL SFC-080. CONDS CONTG THRU 03Z.

.

FRZLVL...RANGING FROM SFC-155 ACRS AREA

MULT FRZLVL BLW 100 BOUNDED BY 60SSW DIK-80SSE FAR-40NW FOD-  
50SSE DSM-20SSW UIN-60SE DYR-30S GQO-40WSW PZD-20N CEW-20S  
MLU-20NNW FSM-40WSW ICT-50SSE HLC-20NNW ONL-60SSW DIK  
SFC ALG 20E RZC-50S MEM-20WSW VUZ-30NW LGC-30W ATL  
040 ALG 50W OSW-20S RZC-40N ELD-50E ELD-60WSW MGM-40W PZD  
080 ALG 60NE MMB-40S TUL-20NNW TXK-30W MLU-60SE MLU-40WSW CEW  
120 ALG 40SE TBE-60ESE TBE-60S MMB-SPS-30E CWK-30E PSX-120ESE  
PSX

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WAUS44 KPCI 151231 AAA  
1232

2014046

WA4S

-DFWS WA 151231 AMD

AIRMET SIERRA UPDT 2 FOR IFR AND MTN OBSCN VALID UNTIL 151500

.

AIRMET IFR...TN MS AL IN KY...UPDT  
FROM CVG TO HNN TO HMV TO GQO TO 40S GQO TO 50WSW MSL TO 20NNW  
IIU TO CVG  
CANCEL AIRMET. CONDS HV ENDED.

.

AIRMET IFR...TX AND CSTL WTRS...UPDT  
FROM 20ENE CRP TO 120SSE PSX TO 80E BRO TO BRO TO 60S LRD TO 30W  
LRD TO 20ENE CRP  
CIG BLW 010/VIS BLW 3SM BR/FG. CONDS ENDG BY 15Z.  
...NEW AIRMET...

.

AIRMET MTN OBSCN...TN KY  
FROM HNN TO HMV TO GQO TO LOZ TO HNN  
MTNS OBSC BY CLDS/PCPN/BR. CONDS CONTG BYD 15Z ENDG 18-21Z.

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WAUS44 KPCI 150845  
0852

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WA4T

-DFWT WA 150845

AIRMET TANGO UPDT 2 FOR TURB VALID UNTIL 151500

.

AIRMET TURB...OK AR TN LA MS AL ND SD NE KS MN IA MO WI IL IN KY  
FROM 100WSW YWG TO CVG TO HNN TO HMV TO GQO TO 50SW PZD TO BTR  
TO 70SW RAP TO 50NNW ISN TO 100WSW YWG  
MOD TURB BTN FL200 AND FL420. CONDS CONTG BYD 15Z THRU 21Z.

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WAUS44 KPCI 150845  
0851

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WA4S

-DFWS WA 150845

AIRMET SIERRA UPDT 1 FOR IFR AND MTN OBSCN VALID UNTIL 151500

.

AIRMET IFR...TN AL KY  
FROM CVG TO HNN TO HMV TO GQO TO 40S GQO TO 30W MSL TO 20NNW IIU  
TO CVG  
CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS CONTG BYD 15Z ENDG 15-18Z.

.

AIRMET MTN OBSCN...TN KY  
FROM HNN TO HMV TO GQO TO LOZ TO HNN

MTNS OBSC BY CLDS/PCPN/BR. CONDS CONTG BYD 15Z ENDG 18-21Z.

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WAUS44 KPCI 150845

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0837

WA4Z

-DFWZ WA 150845

AIRMET ZULU UPDT 1 FOR ICE AND FRZLVL VALID UNTIL 151500

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AIRMET ICE...AR TN MS AL MO MI IL IN KY

FROM FWA TO CVG TO HNN TO HMV TO GQO TO 50SSE LGC TO 30NW MHZ TO  
40SSW MEM TO 20S BVT TO FWA

MOD ICE BLW 100. CONDS CONTG BYD 15Z ENDG 18-21Z.

.

FRZLVL...RANGING FROM SFC-150 ACRS AREA

MULT FRZLVL BLW 090 BOUNDED BY 50NNW ISN-60S YWG-RWF-40ENE  
OVR-DYR-20N LGC-50SW PZD-40ENE AEX-ELD-20N MMB-70SW RAP-  
50NNW ISN

SFC ALG 30W LBL-30SW MMB-30E MLC-40WNW MHZ-60WNW MGM-LGC  
040 ALG 50E LBL-30SSW END-30NE MLC-50NE TXK-20ENE MLU-40SSW  
MEI-40W PZD

080 ALG 60W LBL-60SW MMB-50ENE CDS-40S MLC-30ENE AEX-40WSW CEW  
120 ALG 20WSW TXO-40NW ABI-40S PSX-120SE PSX

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WAUS44 KPCI 150444 AAA

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0445

WA4T

-DFWT WA 150444 AMD

AIRMET TANGO UPDT 1 FOR TURB VALID UNTIL 150900

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AIRMET TURB...TN MS AL LM MI LH IL IN KY

FROM 40SW ASP TO 30SE ECK TO FWA TO CVG TO HNN TO HMV TO GQO TO  
30NW MSL TO JOT TO 40SW ASP

MOD TURB BTN FL220 AND FL340. CONDS CONTG BYD 09Z THRU 15Z.

.

AIRMET TURB...OK TX AR TN LA MS AL ND SD NE KS MN IA MO WI IL IN  
KY AND CSTL WTRS

FROM 50NNW ISN TO 80ENE MOT TO 30W GFK TO 40ESE GFK TO 20NNW BDF  
TO 20SSW MSL TO 40SSE LGC TO 30NW TLH TO 30W CEW TO 30W HRV TO  
GLD TO BFF TO 70SW RAP TO 50NNW ISN

MOD TURB BTN FL200 AND FL430. CONDS CONTG BYD 09Z ENDG 12-15Z.

.

[REDACTED] AR TN LA MS [REDACTED] AND CSTL WTRS

FROM HMV TO GQO TO 50SW PZD TO 40W CEW TO 60SE SJI TO 40E HRV TO  
20S HRV TO 20WSW FSM TO 20ENE ARG TO 20NNE DYR TO 60ENE DYR TO  
HMV

[REDACTED] CONDS CONTG BYD 09Z THRU 15Z.

.

AIRMET TURB...OK TX ND SD NE KS

FROM 40NW ISN TO 40WSW MOT TO 30SE DPR TO 20NE FSD TO 20WNW MMB  
TO 60WSW LBB TO 30E TBE TO 50W LBL TO 40E SNY TO 30E CYS TO 40NW  
ISN

MOD TURB BLW 100. CONDS DVLPG 06-09Z. CONDS CONTG BYD 09Z THRU  
15Z.

.

OTLK VALID 0900-1500Z...TURB OK TX ND SD NE KS MN IA MO  
BOUNDED BY 70NNW ISN-60NNE ISN-30N MOT-40SE RWF-20NW MCI-40W OSW-  
50E SJT-20W SJT-20S INK-30ESE TBE-50W LBL-30E SNY-30ESE CYS-70SW  
RAP-70NNW ISN  
MOD TURB BLW 100. CONDS CONTG THRU 15Z.

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WAUS44 KKCI 150245 2014046  
0251  
WA4S  
-DFWS WA 150245  
AIRMET SIERRA FOR IFR AND MTN OBSCN VALID UNTIL 150900

.  
AIRMET IFR...TN AL IN KY  
FROM 30SSE FWA TO CVG TO HNN TO HMV TO GQO TO 40NW MSL TO 30NW  
PXV TO 30SSE FWA  
CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS CONTG BYD 09Z ENDG 09-12Z.

.  
AIRMET MTN OBSCN...TN KY  
FROM HNN TO HMV TO GQO TO 40W LOZ TO HNN  
MTNS OBSC BY CLDS/PCPN/BR. CONDS CONTG BYD 09Z THRU 15Z.

....  
WAUS44 KKCI 150245 2014046  
0247  
WA4T  
-DFWT WA 150245  
AIRMET TANGO FOR TURB VALID UNTIL 150900

.  
...SEE SIGMET VICTOR SERIES...

.  
AIRMET TURB...TN MS AL LM MI LH IL IN KY  
FROM 40SW ASP TO 30SE ECK TO FWA TO CVG TO HNN TO HMV TO GQO TO  
30NW MSL TO JOT TO 40SW ASP  
MOD TURB BTN FL220 AND FL340. CONDS CONTG BYD 09Z THRU 15Z.

.  
AIRMET TURB...OK TX AR TN LA MS AL ND SD NE KS MN IA MO WI IL IN  
KY AND CSTL WTRS  
FROM 50NNW ISN TO 80ENE MOT TO 30W GFK TO 40ESE GFK TO 20NNW BDF  
TO 20SSW MSL TO 40SSE LGC TO 30NW TLH TO 30W CEW TO 30W HRV TO  
GLD TO BFF TO 70SW RAP TO 50NNW ISN  
MOD TURB BTN FL200 AND FL430. CONDS CONTG BYD 09Z ENDG 12-15Z.

.  
AIRMET TURB...AR TN LA MS AL AND CSTL WTRS  
FROM HMV TO GQO TO 50SW PZD TO 40W CEW TO 60SE SJI TO 40E HRV TO  
20S HRV TO 20WSW FSM TO 20ENE ARG TO 20NNE DYP TO 60ENE DYP TO  
HMV  
MOD TURB BLW 100. CONDS CONTG BYD 09Z THRU 15Z.

.  
AIRMET TURB...OK TX ND SD NE KS  
FROM 40NW ISN TO 40WSW MOT TO 30SE DPR TO 20NE FSD TO 20WNW MMB  
TO 60WSW LBB TO 30E TBE TO 50W LBL TO 40E SNY TO 30E CYS TO 40NW  
ISN  
MOD TURB BLW 100. CONDS DVLPG 06-09Z. CONDS CONTG BYD 09Z THRU  
15Z.

.

OTLK VALID 0900-1500Z...TURB OK TX ND SD NE KS MN IA MO  
BOUNDED BY 70NNW ISN-60NNE ISN-30N MOT-40SE RWF-20NW MCI-40W OSW-  
50E SJT-20W SJT-20S INK-30ESE TBE-50W LBL-30E SNY-30ESE CYS-70SW  
RAP-70NNW ISN  
MOD TURB BLW 100. CONDS CONTG THRU 15Z.

....

WAUS44 KPCI 150245

2014046

0235

WA4Z

-DFWZ WA 150245

AIRMET ZULU FOR ICE AND FRZLVL VALID UNTIL 150900

.

AIRMET ICE...TN AL KY

FROM HNN TO HMV TO 20SSE GQO TO 40WNW PZD TO 50SE MEI TO 30ENE  
MSL TO 40NW MSL TO HNN

MOD ICE BTN FRZLVL AND FL180. FRZLVL 030-070. CONDS ENDG 03-06Z.

.

AIRMET ICE...AR TN MS AL MO IL IN KY

FROM 20S FWA TO CVG TO HNN TO 30NW LOZ TO 40NW MSL TO 30ENE MSL  
TO 30W VUZ TO 40SSE MEM TO 30S ARG TO 20W TTH TO 20S FWA

MOD ICE BLW 140. CONDS CONTG BYD 09Z ENDG 12-15Z.

.

FRZLVL...RANGING FROM SFC-145 ACRS AREA

MULT FRZLVL BLW 060 BOUNDED BY 90WSW YWG-20N FSD-30WNW PWE-  
40SE SGF-LIT-30N ELD-20S END-60S DPR-70WSW DIK-50NNW ISN-  
90WSW YWG

SFC ALG 30E LBL-40ENE OKC-SQS-20SE IGB-30ESE VUZ-50S GQO  
040 ALG 60SE GCK-40S FSM-30SE MHZ-50NNE SJI-40S MGM-40WNW PZD  
080 ALG 50W LBL-50WSW MMB-20NNW GGG-50SE SJI  
120 ALG 70WSW LBB-30SSW PSX-40W LEV-130ESE LEV

....

WSUS04 KPCI 150445 2014046  
0444  
WS4V  
-DFWV WS 150445  
CANCEL SIGMET VICTOR 4. CONDS MSTLY MOD.

....  
WSUS04 KPCI 150300 2014046  
0259  
WS4V  
-DFWV WS 150300  
SIGMET VICTOR 4 VALID UNTIL 150500  
AR TN LA MS AL  
FROM 30S DZR TO 50S LGC TO SJI TO MLU TO 60E FSM TO 30S DZR  
OCNL SEV TURB BTN FL300 AND FL410. CONDS ENDG 0500Z.  
....

WSUS32 KKCI 152355 2356 SIGC -MKCC WST 152355 CONVECTIVE SIGMET...NONE OUTLOOK VALID 160155-160555 TS ARE NOT EXPD.	2014046
WSUS32 KKCI 152255 2256 SIGC -MKCC WST 152255 CONVECTIVE SIGMET...NONE OUTLOOK VALID 160055-160455 TS ARE NOT EXPD.	2014046
WSUS32 KKCI 152155 2156 SIGC -MKCC WST 152155 CONVECTIVE SIGMET...NONE OUTLOOK VALID 152355-160355 TS ARE NOT EXPD.	2014046
WSUS32 KKCI 152055 2044 SIGC -MKCC WST 152055 CONVECTIVE SIGMET...NONE OUTLOOK VALID 152255-160255 TS ARE NOT EXPD.	2014046
WSUS32 KKCI 151955 1950 SIGC -MKCC WST 151955 CONVECTIVE SIGMET...NONE OUTLOOK VALID 152155-160155 TS ARE NOT EXPD.	2014046
WSUS32 KKCI 151855 1842 SIGC -MKCC WST 151855 CONVECTIVE SIGMET...NONE OUTLOOK VALID 152055-160055 TS ARE NOT EXPD.	2014046
WSUS32 KKCI 151755 1741 SIGC -MKCC WST 151755 CONVECTIVE SIGMET...NONE OUTLOOK VALID 151955-152355 TS ARE NOT EXPD.	2014046
WSUS32 KKCI 151655 1642 SIGC -MKCC WST 151655 CONVECTIVE SIGMET...NONE	2014046





-MKCC WST 150855  
CONVECTIVE SIGMET...NONE  
OUTLOOK VALID 151055-151455  
TS ARE NOT EXPD.  
WSUS32 KKCI 150755 2014046  
0747  
SIGC

-MKCC WST 150755  
CONVECTIVE SIGMET...NONE  
OUTLOOK VALID 150955-151355  
TS ARE NOT EXPD.  
WSUS32 KKCI 150655 2014046  
0644  
SIGC

-MKCC WST 150655  
CONVECTIVE SIGMET...NONE  
OUTLOOK VALID 150855-151255  
TS ARE NOT EXPD.  
WSUS32 KKCI 150555 2014046  
0546  
SIGC

-MKCC WST 150555  
CONVECTIVE SIGMET...NONE  
OUTLOOK VALID 150755-151155  
TS ARE NOT EXPD.  
WSUS32 KKCI 150455 2014046  
0443  
SIGC

-MKCC WST 150455  
CONVECTIVE SIGMET...NONE  
OUTLOOK VALID 150655-151055  
TS ARE NOT EXPD.  
WSUS32 KKCI 150355 2014046  
0350  
SIGC

-MKCC WST 150355  
CONVECTIVE SIGMET...NONE  
OUTLOOK VALID 150555-150955  
TS ARE NOT EXPD.  
WSUS32 KKCI 150255 2014046  
0244  
SIGC

-MKCC WST 150255  
CONVECTIVE SIGMET...NONE  
OUTLOOK VALID 150455-150855  
TS ARE NOT EXPD.  
WSUS32 KKCI 150155 2014046  
0142  
SIGC

-MKCC WST 150155  
CONVECTIVE SIGMET 2C  
VALID UNTIL 0355Z  
AL MS  
FROM 40E MEI-30NW MCB

DMSHG LINE TS 10 NM WIDE MOV FROM 33030KT. TOPS TO FL250.

OUTLOOK VALID 150355-150755

TS ARE NOT EXPD TO REQUIRE WST ISSUANCES.

WSUS32 KPCI 150055

0042

SIGC

-MKCC WST 150055

CONVECTIVE SIGMET 1C

VALID UNTIL 0255Z

AL MS

FROM 40SE IGB-40WSW MHZ

LINE TS 15 NM WIDE MOV FROM 33030KT. TOPS TO FL260.

WIND GUSTS TO 40KT POSS.

OUTLOOK VALID 150255-150655

TS ARE NOT EXPD TO REQUIRE WST ISSUANCES.

2014046

FAUS20 KZTL 142133

2014045

2133

ZTL MIS 01 VALID 142215-150215

...FOR ATC PLANNING PURPOSES ONLY...

ZTL CWSU WILL CLOSE 14/2215Z DUE TO SHORT STAFFING. ZME CWSU WILL  
ASSUME SERVICE BACKUP. ZTL CWSU WILL REOPEN 15/1030Z

=

KBHM, Birmingham, Birmingham International Airport (United States).  
WMO index: 72228. Latitude 33-33-56N. Longitude 086-44-42W. Altitude 196  
m.

METAR/SPECI from KBHM, Birmingham, Birmingham International Airport  
(United States).

SP 15/02/2014 19:53-> SPECI KBHM 151953Z 30006KT 10SM FEW250 07/M06 A3015  
RMK AO2

SLP212 T00721056=

SA 15/02/2014 19:53-> METAR KBHM 151953Z 30006KT 10SM FEW250 07/M06 A3015  
RMK AO2

SLP212 T00721056=

SA 15/02/2014 18:53-> METAR KBHM 151853Z VRB04KT 10SM FEW250 06/M06 A3017  
RMK AO2

SLP218 T00611061=

SP 15/02/2014 17:53-> SPECI KBHM 151753Z 31006KT 10SM FEW250 04/M06 A3020  
RMK AO2

SLP228 T00441056 10050 21006 51022=

SA 15/02/2014 17:53-> METAR KBHM 151753Z 31006KT 10SM FEW250 04/M06 A3020  
RMK AO2

SLP228 T00441056 10050 21006 51022=

SA 15/02/2014 16:53-> METAR KBHM 151653Z 29007KT 10SM CLR 03/M05 A3020  
RMK AO2

SLP228 T00331050=

SA 15/02/2014 15:53-> METAR KBHM 151553Z 31006KT 10SM FEW025 02/M04 A3017  
RMK AO2

SLP218 T00171044=

SP 15/02/2014 15:11-> SPECI KBHM 151511Z 02009KT 10SM SCT023 02/M04 A3015  
RMK AO2=

SA 15/02/2014 14:53-> METAR KBHM 151453Z 03008KT 10SM BKN023 02/M04 A3013  
RMK AO2

SLP206 T00171039 51021=

SA 15/02/2014 13:53-> METAR KBHM 151353Z 33008KT 10SM BKN019 00/M04 A3012  
RMK AO2

SLP202 T00001044=

SA 15/02/2014 12:53-> METAR KBHM 151253Z 32014G17KT 10SM BKN019 00/M04  
A3010 RMK

AO2 SLP195 T00001039=

SA 15/02/2014 11:53-> METAR KBHM 151153Z 32008G17KT 10SM OVC019 00/M03  
A3007 RMK

AO2 SLP184 70044 T00001033 10061 20000 51033=  
SA 15/02/2014 10:53-> METAR KBHM 151053Z 32013KT 10SM OVC017 01/M03 A3005  
RMK AO2  
SLP176 T00061028=  
SA 15/02/2014 09:53-> METAR KBHM 150953Z 32011G18KT 10SM OVC015 01/M03  
A3001 RMK  
AO2 SLP163 T00061028=  
SA 15/02/2014 08:53-> METAR KBHM 150853Z 34015G28KT 10SM OVC015 01/M02  
A2997 RMK  
AO2 PK WND 34028/0845 SLP149 T00111022 51041=  
SA 15/02/2014 07:53-> METAR KBHM 150753Z 32021G29KT 10SM BKN019 OVC024  
02/M02 A2995  
RMK AO2 PK WND 35031/0718 SLP140 T00171022=  
SP 15/02/2014 07:42-> SPECI KBHM 150742Z 33018G24KT 10SM BKN019 OVC024  
02/M02 A2994  
RMK AO2 PK WND 35031/0718=  
SA 15/02/2014 06:53-> METAR KBHM 150653Z 32016G25KT 10SM FEW019 BKN030  
04/00 A2990  
RMK AO2 SLP122 T00440000=  
SA 15/02/2014 05:53-> METAR KBHM 150553Z 31017G23KT 10SM OVC038 06/02  
A2985 RMK  
AO2 SLP106 60044 T00610022 10106 20061 401391017  
51030=  
SP 15/02/2014 05:02-> SPECI KBHM 150502Z 30012G21KT 10SM BKN015 BKN020  
OVC034 07/05  
A2983 RMK AO2=  
SA 15/02/2014 04:53-> METAR KBHM 150453Z 31016G22KT 10SM BKN013 BKN018  
OVC029 08/06  
A2982 RMK AO2 RAE0355 SLP098 P0000 T00780056=  
SP 15/02/2014 04:44-> SPECI KBHM 150444Z 30012G21KT 10SM FEW006 BKN013  
OVC019 08/06  
A2981 RMK AO2 RAE0355 P0000=  
SP 15/02/2014 04:31-> SPECI KBHM 150431Z 30014KT 10SM SCT006 BKN015  
OVC033 08/06  
A2981 RMK AO2 RAE0355 P0000=  
SA 15/02/2014 03:53-> METAR KBHM 150353Z 31008KT 7SM -RA OVC008 08/06  
A2979 RMK  
AO2 CIG 005V011 SLP088 P0004 T00780061=  
SP 15/02/2014 03:36-> SPECI KBHM 150336Z 31007KT 5SM BR BKN006 BKN014  
OVC023 08/07  
A2979 RMK AO2 RAE34 CIG 004V010 P0003=

SP 15/02/2014 03:27-> SPECI KBHM 150327Z 30005KT 5SM -RA BR FEW006 BKN010  
OVC034

08/07 A2978 RMK AO2 P0003=

SP 15/02/2014 03:16-> SPECI KBHM 150316Z 31006KT 6SM -RA BR FEW006 BKN026  
OVC034

08/06 A2978 RMK AO2 PRESRR P0003=

SA 15/02/2014 02:53-> METAR KBHM 150253Z 30004KT 5SM RA BR BKN036 OVC047  
08/06

A2976 RMK AO2 SLP076 P0010 60040 T00780061 56009=

SP 15/02/2014 02:16-> SPECI KBHM 150216Z 16007KT 4SM -RA BR BKN036 BKN048  
OVC060

07/06 A2975 RMK AO2 P0008=

SA 15/02/2014 01:53-> METAR KBHM 150153Z 32003KT 2 1/2SM +RA BR OVC039  
08/06 A2978

RMK AO2 SLP086 P0028 T00780056=

SP 15/02/2014 01:30-> SPECI KBHM 150130Z 28004KT 2 1/2SM +RA BKN043  
OVC050 08/06

A2976 RMK AO2 P0017=

SA 15/02/2014 00:53-> METAR KBHM 150053Z 16004KT 6SM RA OVC048 11/03  
A2973 RMK

AO2 RAB00 SLP068 P0002 T01060028=

SA 14/02/2014 23:53-> METAR KBHM 142353Z 21012G19KT 10SM SCT060 BKN080  
OVC110 12/01

A2978 RMK AO2 SLP086 T01220006 10139 20117 55007=

SA 14/02/2014 22:53-> METAR KBHM 142253Z 22008KT 10SM OVC110 13/01 A2977  
RMK AO2

SLP082 T01280006=

SA 14/02/2014 21:53-> METAR KBHM 142153Z 19010KT 10SM OVC150 13/02 A2977  
RMK AO2

SLP081 T01330017=

SA 14/02/2014 20:53-> METAR KBHM 142053Z 20013G21KT 10SM BKN150 BKN250  
13/02 A2981

RMK AO2 SLP094 T01330022 58031=

SA 14/02/2014 19:53-> METAR KBHM 141953Z 21008KT 10SM BKN150 OVC250 12/02  
A2983

RMK AO2 SLP103 T01220022=

SA 14/02/2014 18:53-> METAR KBHM 141853Z 22011KT 10SM SCT180 BKN250 13/02  
A2988

RMK AO2 SLP118 T01280017=

SA 14/02/2014 17:53-> METAR KBHM 141753Z 18007KT 10SM FEW080 SCT180  
BKN250 12/02  
A2990 RMK AO2 SLP124 T01170022 10122 21017 58018=

SA 14/02/2014 16:53-> METAR KBHM 141653Z 22008KT 10SM SCT180 BKN250 11/02  
A2993  
RMK AO2 SLP134 T01060017=

SA 14/02/2014 15:53-> METAR KBHM 141553Z 21008KT 10SM SCT180 BKN250 09/02  
A2994  
RMK AO2 SLP140 T00890017=

SA 14/02/2014 14:53-> METAR KBHM 141453Z 23005KT 10SM SCT180 BKN250 06/01  
A2995  
RMK AO2 SLP143 T00610011 53001=

SA 14/02/2014 13:53-> METAR KBHM 141353Z 00000KT 10SM SCT180 BKN250  
02/M01 A2995  
RMK AO2 SLP143 T00171006=

SA 14/02/2014 12:53-> METAR KBHM 141253Z 00000KT 7SM SCT180 BKN250  
M01/M02 A2994  
RMK AO2 SLP142 T10111022=

SA 14/02/2014 11:53-> METAR KBHM 141153Z 00000KT 7SM CLR M01/M03 A2995  
RMK AO2  
SLP143 T10111028 10033 21017 55003=

SA 14/02/2014 10:53-> METAR KBHM 141053Z 00000KT 8SM CLR M02/M03 A2994  
RMK AO2  
SLP142 T10171028=

SA 14/02/2014 09:53-> METAR KBHM 140953Z 00000KT 8SM CLR M01/M02 A2994  
RMK AO2  
SLP142 T10111022=

SA 14/02/2014 08:53-> METAR KBHM 140853Z 00000KT 10SM CLR M01/M03 A2995  
RMK AO2  
SLP146 T10111028 50001=

SA 14/02/2014 07:53-> METAR KBHM 140753Z 00000KT 10SM CLR M01/M02 A2996  
RMK AO2  
SLP148 T10061017=

SA 14/02/2014 06:53-> METAR KBHM 140653Z 00000KT 10SM CLR 00/M02 A2996  
RMK AO2  
SLP148 T00001017=

SA 14/02/2014 05:53-> METAR KBHM 140553Z 26003KT 10SM CLR 03/M01 A2995  
RMK AO2  
SLP144 T00281011 10078 20017 401001006 53003=

SA 14/02/2014 04:53-> METAR KBHM 140453Z 23004KT 10SM CLR 04/M01 A2993  
RMK AO2

SLP139 T00391006=

SA 14/02/2014 03:53-> METAR KBHM 140353Z 00000KT 10SM CLR 02/00 A2994 RMK  
AO2 SLP143

T00220000=

SA 14/02/2014 02:53-> METAR KBHM 140253Z 00000KT 10SM CLR 03/00 A2994 RMK  
AO2 SLP143

T00330000 53012=

SA 14/02/2014 01:53-> METAR KBHM 140153Z 00000KT 10SM CLR 04/00 A2994 RMK  
AO2 SLP140

T00390000=

SA 14/02/2014 00:53-> METAR KBHM 140053Z 00000KT 10SM CLR 04/00 A2992 RMK  
AO2 SLP133

T00440000=

SA 13/02/2014 23:53-> METAR KBHM 132353Z 26005KT 10SM CLR 08/M01 A2991  
RMK AO2

SLP130 T00781006 10100 20050 58003=

SA 13/02/2014 22:53-> METAR KBHM 132253Z 27009KT 10SM CLR 09/M02 A2993  
RMK AO2

SLP134 T00891017=

SA 13/02/2014 21:53-> METAR KBHM 132153Z 30006KT 10SM CLR 10/M02 A2991  
RMK AO2

SLP130 T01001022=

SA 13/02/2014 20:53-> METAR KBHM 132053Z 27007KT 10SM CLR 09/M02 A2992  
RMK AO2

SLP132 T00941017 56019=

SA 13/02/2014 19:53-> METAR KBHM 131953Z 32010KT 10SM CLR 08/M03 A2992  
RMK AO2

SLP133 T00831028=

No short TAF reports from KBHM during solicited interval in the database.

large TAF from KBHM, Birmingham, Birmingham International Airport  
(United States).

FT 15/02/2014 17:37-> TAF KBHM 151737Z 1518/1618 32007KT P6SM SKC  
FM160000 00000KT P6SM

SCT250=

FT 15/02/2014 11:24-> TAF KBHM 151124Z 1512/1612 32012KT P6SM OVC015  
FM151500 32009KT

P6SM SCT020 FM160000 00000KT P6SM SCT250=



FT 15/02/2014 09:34-> TAF AMD KBHM 150934Z 1510/1606 32015G23KT P6SM  
OVC015 FM151200

33007KT P6SM SCT015 FM160000 00000KT P6SM SCT250=

FT 15/02/2014 05:20-> TAF KBHM 150520Z 1506/1606 31015G23KT P6SM OVC015  
FM151200 33007KT

P6SM SCT015 FM160000 00000KT P6SM SCT250=

FT 14/02/2014 23:29-> TAF KBHM 142329Z 1500/1524 25012KT 3SM RA OVC030  
FM150200 31015G23KT

P6SM OVC015 FM150900 33010KT P6SM SCT015=

FT 14/02/2014 17:24-> TAF KBHM 141724Z 1418/1518 22011KT P6SM OVC150  
FM150200 27012KT

3SM RA BKN008 OVC015 FM150600 31015G23KT P6SM OVC015  
FM151600 33008KT P6SM SCT015=

FT 14/02/2014 11:30-> TAF KBHM 141130Z 1412/1512 22006KT P6SM SCT250  
FM142000 22011KT

P6SM OVC150 FM150100 27012KT P6SM -RA OVC025 FM150400  
31015G23KT P6SM OVC015=

FT 14/02/2014 05:34-> TAF KBHM 140534Z 1406/1506 24002KT P6SM SKC  
FM142200 22011KT P6SM

OVC050 FM150100 27012KT P6SM -RA OVC025 FM150400 30012KT  
P6SM OVC015=

FT 13/02/2014 23:26-> TAF KBHM 132326Z 1400/1424 24005KT P6SM SKC  
FM142200 22011KT P6SM

OVC050=

Height feet-msl	pressure hPa	Temp Celsius	dew point Celsius	RH %	wind direction degrees	wind speed knots
771	980	7.6	6.7	94	245	/ 7
909	975	7.4	6.5	94	245	/ 9
1611	950	6.6	5.9	95	245	/ 21
2329	925	5.4	5.2	99	248	/ 28
3064	900	4.4	4.3	99	252	/ 30
3816	875	3.3	3.3	100	258	/ 32
4586	850	1.5	1.4	99	268	/ 33
5374	825	-0.1	-0.1	100	274	/ 34
6182	800	-1.3	-1.3	100	279	/ 36
7001	775				283	/ 37
7012	775	-2.6	-2.6	100		
7864	750	-4	-4.2	99	286	/ 38
8740	725	-5.5	-6	96	287	/ 39
9629	700				288	/ 41
9641	700	-7.4	-8	95		
11509	650				287	/ 42
11525	650	-10.7	-11.7	92		
13514	600				285	/ 39
13529	600	-15.2	-16.6	89		
15653	550				273	/ 41
15669	550	-19.7	-21.6	85		
17946	500				262	/ 38
17966	500	-25.4	-27.7	81		
20427	450				250	/ 52

clear air turbulence LLWS icing  
type

SVR LIGHT

MDT

LGT

LGT

LGT

LGT

LGT

LGT Rime

LGT Rime

LGT Rime

LGT Rime

MDT Clear

LGT Rime

MDT Mixed

LGT

LGT Mixed

LGT

LGT Rime

MDT

Height feet-msl	pressure hPa	Temp Celsius	dew point Celsius	RH %	wind direction degrees	wind speed knots
771	982	6	3.4	83	310	/ 14
963	975	5.5	3.1	85		
974	975				311	/ 17
1658	950	3.5	2.8	95	312	/ 25
2366	925	1.5	1.4	99	314	/ 30
3089	900	-0.2	-0.2	100	318	/ 35
3827	875	-2.2	-2.2	100	313	/ 34
4581	850	-3.6	-4.4	94	304	/ 32
5355	825	-4.4	-6.1	88	303	/ 33
6150	800	-5.4	-8.7	78	302	/ 36
6966	775	-6.5	-12.7	61	298	/ 39
7808	750	-6.1	-19	35	294	/ 42
8677	725	-7.1	-22.7	28	292	/ 44
9571	700	-9.2	-25.6	25	292	/ 46
11435	650	-13.9	-35.5	14	292	/ 48
13410	600	-18.9	-40.7	13	286	/ 47
15512	550	-24.6	-47.8	10	279	/ 46
17759	500				285	/ 51
17771	500	-28.4	-58.7	4		
20223	450				293	/ 63

clear air turbulence LLWS icing  
type

MDT LIGHT  
LGT LIGHT

LGT  
LGT  
LGT MDT Clear  
LGT Rime  
LGT Rime  
TRC Rime

LGT  
LGT

LGT

LGT

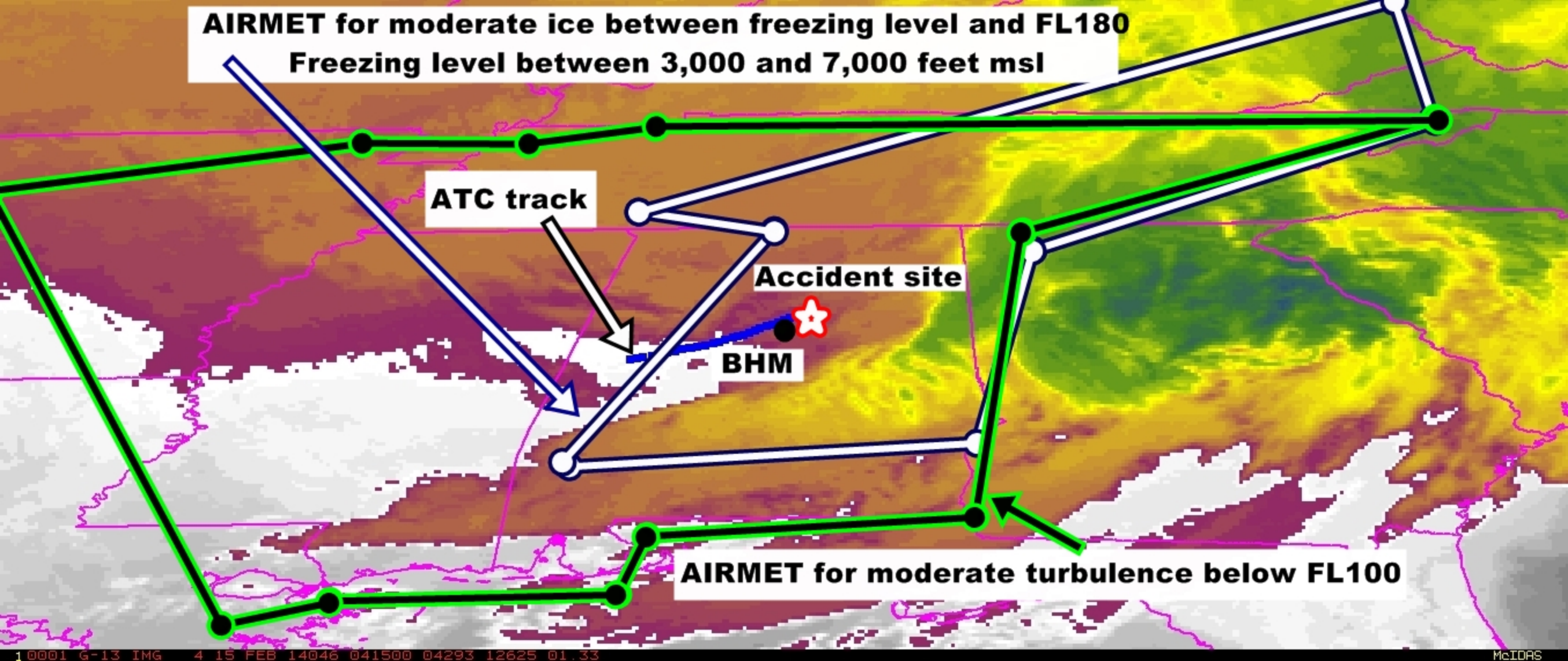
**AIRMET for moderate ice between freezing level and FL180**  
**Freezing level between 3,000 and 7,000 feet msl**

**ATC track**

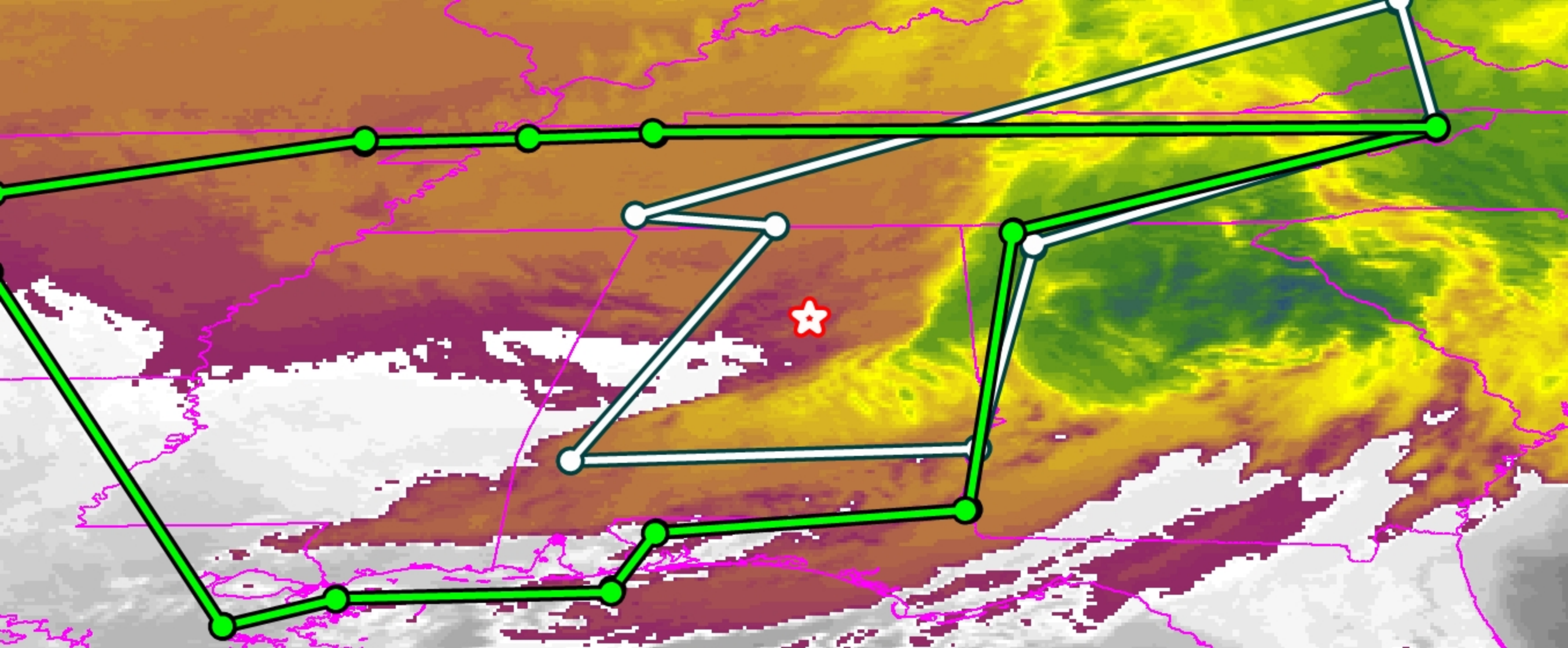
**Accident site**

**BHM**

**AIRMET for moderate turbulence below FL100**

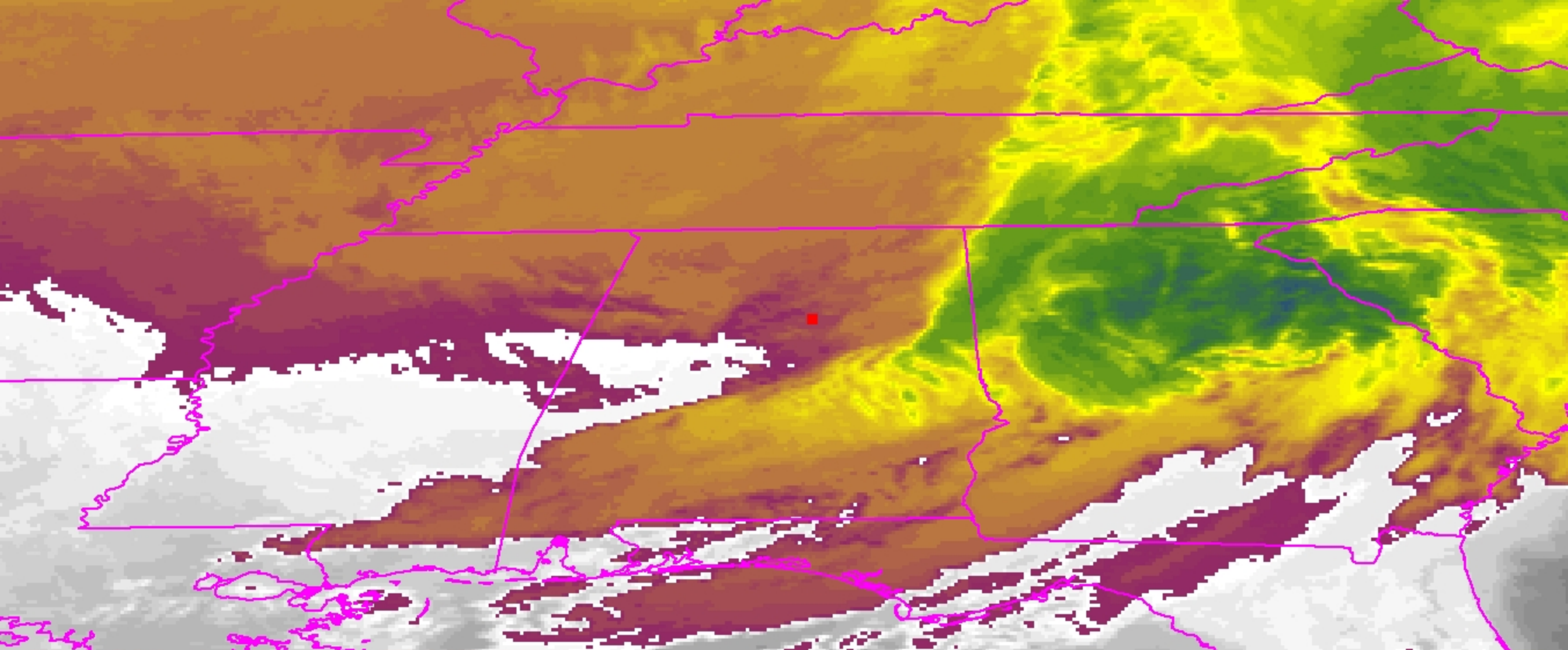






10001 G-13 IMG 4 15 FEB 14046 041500 04293 12625 01.33

McIDAS



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McIDAS



NEXRAD LEVEL-II  
KBMX - BIRMINGHAM, AL  
02/15/2014 04:18:52 GMT  
LAT: 33/10/19 N  
LON: 86/46/11 W  
ELEV: 645 FT  
VCP: 221

REFLECTIVITY  
ELEV ANGLE: 0.51

Legend: dBZ

