

DEN07LA082
Luna, New Mexico
April 9, 2007
1750 UTC

Aviation Area Forecast-Valid 1045 UTC

FAUS45 KPCI 091045

2007099

1032

FA5W

-SLCC FA 091045

SYNOPSIS AND VFR CLDS/WX

SYNOPSIS VALID UNTIL 100500

CLDS/WX VALID UNTIL 092300...OTLK VALID 092300-100500

ID MT WY NV UT CO AZ NM

.

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.

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SYNOPSIS...ALF...UPR LOW OVR SERN UT WL CONT SEWD AND WKN INTO
ERN NM BY 00Z THEN CONT ESEWD. MOD/STG POLAR JTST FM SRN OR/NRN
CA-NW NV WL PRESS EWD TO SW ID-NRN UT BY 00Z. SHRTWV TROF ACRS
ERN WA-ERN OR WL MOV EWD INTO THE NRN RCKYS BY 00Z.
SFC...SLOLY WKNG STNR FNT EXTDS FM SE NM-CNTRL CO-CNTRL MT. PAC
CDFNT EXTDS FM NRN ID-SE OR-NRN CA. BY 03Z FNT WL EXTD FM ERN MT-
CNTRL WY-SRN NV-S CNTRL CA.

.

ID

NRN...BKN050-070 OVC100. TOPS 160. OCNL VIS 3-5SM -SHRA. BECMG
18-21Z BKN060-080. TOPS 130. WDLY SCT -SHRASN. OTLK...VFR.
CNTRL MTNS...BKN080-100 OVC140. TOPS FL180. OCNL VIS 4-6SM -SHRA.
BECMG 18-21Z BKN090-110. TOPS 150. WDLY SCT -SHSN. OTLK...VFR.
SWRN...SCT-BKN080 BKN130. TOPS 160. WDLY SCT -SHRA. BECMG 16-19Z
SCT080 BKN-SCT130. OTLK...VFR.
SERN...SCT-BKN07-090. BECMG 15-18Z SCT-BKN080-100 BKN140. TOPS
FL180. WDLY SCT -SHRA. OTLK...VFR.

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MT

CONTDVD WWD...BKN060-080 OVC130. TOPS FL180. OCNL -SHRA. BECMG
20-22Z BKN070-090. TOPS 120. WDLY SCT -SHRASN. OTLK...VFR WND.
SWRN MTNS...SCT-BKN110-130. BECMG 15-18Z BKN080-100 BKN140. TOPS
FL180. SCT -SHRA. OTLK...VFR WND.
ERN SLOPES OF CONTDVD/CNTRL...SKC. OCNL SCT130. BECMG 17-20Z SCT-
BKN090 BKN140. TOPS FL180. WDLY SCT -SHRA. OTLK...VFR WND.
ERN...SCT-BKN140. BECMG 21-23Z SCT-BKN060-080 BKN120. TOPS 160.
SCT -SHRA. OTLK...MVFR CIG SHRA.

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WY

NWRN MTNS...BKN090-100. TOPS 130. BECMG 16-19Z BKN070-090 OVC140.
TOPS FL180. OCNL -SHRA. OTLK...VFR WND.
SWRN...SCT CI. BECMG 20-23Z SCT110 BKN150. ISOL -SHRA. OTLK...VFR
WND.
CNTRL SXNS...SKC. OTLK...VFR WND.

SERN SXNS...SCT-BKN120. 15-17Z FEW140 SCT CI. OTLK...VFR.
 NERN SXNS...SKC. OCNL SCT130. OTLK...VFR.
 .
 NV
 NRN SXNS...SCT-BKN130. BECMG 15-18Z SCT130. WLY WNDS 20G30KT.
 OTLK...VFR.
 SRN SXNS...SCT CI. OTLK...VFR.
 .
 UT
 NRN HLF...SCT CI. BECMG 18-21Z SCT-BKN130-150. OTLK...VFR.
 SERN...SCT-BKN100 BKN140. ISOL -SHRA. BECMG 15-18Z SCT140.
 OTLK...VFR.
 SWRN...SCT CI. OTLK...VFR.
 .
 CO
 MTNS AND W...
 SRN SXNS...BKN090-110 OVC150. TOPS FL180. OCNL VIS 3-6SM -SHRASN.
 BECMG 18-21Z BKN110-130 BKN150. WDLY SCT -SHRA. OTLK...VFR.
 NRN SXNS...BKN090-110. TOPS 150. ISOL -SHRASN. BECMG 18-20Z SCT-
 BKN100-120. ISOL -SHRA. OTLK...VFR.
 PLAINS...BKN050-070. TOPS 110. OCNL VIS 3-5SM BR TIL 16Z. BECMG
 17-19Z SCT070-090 SCT140. OTLK...VFR.
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 AZ
 NRN HLF...SCT-BKN090-100 BKN130. TOPS 160. ISOL TO WDLY SCT -
 SHRA. BECMG 17-20Z SCT110-130. OTLK...VFR.
 SWRN...SKC. OTLK...VFR.
 SERN...SKC. OCNL SCT100-120 NRN SXNS. OTLK...VFR.
 .
 NM
 MTNS AND W...
 NRN SXNS...BKN090-100 BKN140. TOPS 170. WDLY SCT -SHRA. BECMG 18-
 21Z SCT-BKN100 BKN140. WDLY SCT -SHRA/-TSRA. CB TOPS FL350.
 OTLK...VFR.
 SRN SXNS...SCT140 SCT CI. BECMG 18-21Z SCT110 SCT150. ISOL -
 SHRA/-TSRA. CB TOPS FL350. OTLK...VFR.
 PLAINS...BKN050-070. TOPS 100. OCNL VIS 3-5SM BR. BECMG 16-18Z
 SCT-BKN060-080. BECMG 19-22Z SCT090 SCT-BKN130. ISOL -SHRA/-TSRA.
 CB TOPS FL350. OTLK...VFR.

In-Flight Advisories (AIRMETs) valid from 1300 UTC to 1900 UTC

0845 UTC Issuances

WAUS45 KPCI 090845 2007099
 0837
 WA5T
 -SLCT WA 090845
 AIRMET TANGO UPDT 1 FOR TURB VALID UNTIL 091500
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 AIRMET TURB...NV WA OR CA
 FROM BLI TO 80ESE YDC TO OAL TO 30NE CZQ TO 30NE RBL TO OED TO
 BLI
 MOD TURB BLW 150. CONDS CONTG BYD 15Z THRU 21Z.
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OTLK VALID 1500-2100Z...TURB ID MT WY NV UT WA OR
BOUNDED BY 80ESE YDC-HVR-BPI-OAL-80ESE YDC
MOD TURB BLW 150. CONDS DVLPG 17-21Z.

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WAUS45 KPCI 090845

2007099

0837

WA5S

-SLCS WA 090845

AIRMET SIERRA UPDT 1 FOR IFR AND MTN OBSCN VALID UNTIL 091500

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AIRMET IFR...WY CO NM

FROM CYS TO 40E SNY TO 50W LBL TO INK TO 70E ELP TO

LVS TO 50ESE DVC TO CYS

CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS CONTG BYD 15Z..ENDG 17-19Z.

.

AIRMET MTN OBSCN...ID MT WY WA OR

FROM 80WSW YXC TO 40SSW YQL TO HLN TO 70SW BIL TO BPI TO BOI TO

PDT TO 80WSW YXC

MTNS OBSC BY CLDS/PCPN/BR/FG. CONDS CONTG BYD 15Z..ENDG 19-21Z.

.

AIRMET MTN OBSCN...UT CO AZ NM

FROM 40SSE CYS TO TBE TO 60SSW LVS TO SJN TO DRK TO 70SSW BCE TO

CHE TO 40SSE CYS

MTNS OBSC BY CLDS/PCPN/BR/FG. CONDS ENDG 15-18Z UT-AZ..ENDG CO NM BY 21Z.

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WAUS45 KPCI 090845

2007099

0837

WA5Z

-SLCZ WA 090845

AIRMET ZULU UPDT 1 FOR ICE AND FRZLVL VALID UNTIL 091500

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AIRMET ICE...UT CO AZ NM

FROM 20SW MTU TO 40W DEN TO 30WSW LVS TO INW TO 70SSW BCE TO 20SW MTU

MOD ICE BTN 100 AND FL180. CONDS ENDG 15Z UT-AZ. CONDS CONTG BYD 15Z CO-NM..ENDG BY 21Z.

.

AIRMET ICE...ID MT WA OR

FROM 30E YXC TO 40SSE YQL TO 60SSW JAC TO 20S LKV TO 30SSE YDC TO

90E YDC TO 50WSW YXC TO 30E YXC

MOD ICE BTN 090 AND 160. CONDS ENDG WA/OR BTN 12-15Z. CONDS CONTG BYD 15Z ID-MT..ENDG BY 21Z.

.

OTLK VALID 1500-2100Z...ICE ID MT WY

BOUNDED BY 40SSE YQL-50NE GGW-50ENE SHR-60SSW JAC-40SSE YQL

MOD ICE BTN 090 AND 160. CONDS DVLPG EWD OVR AREA BTN 15-21Z.

.

FRZLVL...RANGING FROM SFC-125 ACRS AREA

MULT FRZLVL BLW 100 BOUNDED BY 50ESE SNY-50W LBL-70SW

LBB-30WSW TBE-40SW SNY-50ESE SNY

MULT FRZLVL BLW 090 BOUNDED BY 30NNW HVR-50NNE GGW-70NW

RAP-40E SHR-30NNW HVR

SFC ALG 40SE YXH-20E BIL-50ESE JAC-30NNE BOY-20ESE CYS-50SSE

LAA-60SE LAA

040 ALG 20W YQL-40SSE YQL-GTF

080 ALG 40SE ALS-40E LVS-50WSW TX0-70SW LBB
080 ALG 20SSW FMG-40S BAM-30NW BCE-40SSW HVE-30ESE HVE-60SW
CHE
120 ALG 50N BZA-60SSW PHX-50S TUS

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1445 UTC Issuances

WAUS45 KPCI 091445 2007099
1435
WA5Z

-SLCZ WA 091445
AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 092100

.
AIRMET ICE...ID MT WY WA OR
FROM 50E YXC TO 50NNW GGW TO BPI TO 70SSW TWF TO DNJ TO YDC TO
50WSW YXC TO 50E YXC
MOD ICE BTN 090 AND FL190. CONDS CONTG BYD 21Z THRU 03Z.

.
AIRMET ICE...CO NM
FROM 30ESE JNC TO 40ESE PUB TO 20E ROW TO TCS TO SJN TO 30ESE JNC
MOD ICE BTN 100 AND 170. CONDS CONTG BYD 21Z THRU 03Z.

.
FRZLVL...RANGING FROM 020-130 ACRS AREA
SFC ALG 70NE GGW-50ESE GGW-90SE MLS
040 ALG 60S YYN-40NW GGW-60ESE MLS
080 ALG 50NNW FMG-30S DBS-30SSW DLN-50S HLN-50SE
BIL-CZI-70WSW LBB
120 ALG 30S EED-20S TUS-60SSE TUS

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WAUS45 KPCI 091445 2007099
1435
WA5T

-SLCT WA 091445
AIRMET TANGO UPDT 2 FOR TURB VALID UNTIL 092100

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AIRMET TURB...ID MT WY WA OR
FROM 30N HVR TO 50SE BIL TO BPI TO 30SSE BVL TO 60ENE FMG TO 50W
OED TO TOU TO BLI TO 30N HVR
MOD TURB BLW 180. CONDS CONTG BYD 21Z THRU 03Z.

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WAUS45 KPCI 091445 2007099
1434
WA5S

-SLCS WA 091445
AIRMET SIERRA UPDT 2 FOR IFR AND MTN OBSCN VALID UNTIL 092100

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AIRMET IFR...CO NM
FROM BFF TO GLD TO 50W LBL TO INK TO 60ENE ELP TO 40SSW LVS TO
30NE DVC TO 60S LAR TO BFF
CIG BLW 010/VIS BLW 3SM BR. CONDS ENDG BY 18Z CO...ENDG RMNDR 18-
21Z.

.
AIRMET MTN OBSCN...ID MT WY NV UT WA OR
FROM 30W YXC TO 40SSW YQL TO 50SSE BIL TO BPI TO 60SE BAM TO YDC
TO 50WSW YXC TO 30W YXC

MTNS OBSC BY CLDS/PCPN/BR/FG. CONDS CONTG BYD 21Z THRU 03Z.

.
AIRMET MTN OBSCN...UT CO AZ NM
FROM 60WNW BFF TO 60ESE CIM TO 60NNW ROW TO 30SE INW TO 30WSW
TBC TO 40S DVC TO 50W JNC TO 60WNW BFF
MTNS OBSC BY CLDS/BR/FG. CONDS CONTG BYD 21Z THRU 03Z.

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Convective SIGMETs for New Mexico

WSUS32 KPCI 091955 2007099

1945

SIGC

-MKCC WST 091955

CONVECTIVE SIGMET 5C

VALID UNTIL 2155Z

NM

FROM 50S LVS-40SSW TCC-30WSW ROW-20ENE TCS-50S LVS

AREA TS MOV FROM 28030KT. TOPS TO FL320.

OUTLOOK VALID 092155-100155

FROM 30SSE PUB-60W LBL-30NNW LBB-40NE MAF-30NNW FST-30E ELP-30N

DMN-40W ABQ-50SSW ALS-30SSE PUB

WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

WSUS32 KPCI 091855 2007099

1851

SIGC

-MKCC WST 091855

CONVECTIVE SIGMET 4C

VALID UNTIL 2055Z

NM

FROM 30SW TCC-60W ROW-40ESE SJN-30SW TCC

DVLPG AREA TS MOV FROM 28030KT. TOPS TO FL310.

OUTLOOK VALID 092055-100055

FROM 30SSE PUB-60W LBL-30NNW LBB-40NE MAF-30NNW FST-30E ELP-30N

DMN-40W ABQ-50SSW ALS-30SSE PUB

WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

WSUS32 KPCI 091755 2007099

1755

SIGC

-MKCC WST 091755

CONVECTIVE SIGMET 3C

VALID UNTIL 1955Z

NM

FROM 60SW TCC-60NW ROW-60ESE SJN

DVLPG LINE TS 30 NM WIDE MOV FROM 28025KT. TOPS TO FL310.

OUTLOOK VALID 091955-092355

FROM 30SSE PUB-60W LBL-MAF-30NNW FST-30E ELP-30N DMN-40W

ABQ-50SSW ALS-30SSE PUB

WST ISSUANCES POSS. REFER TO MOST RECENT ACUS01 KWNS FROM STORM
PREDICTION CENTER FOR SYNOPSIS AND METEOROLOGICAL DETAILS.

Note: No Non-convective SIGMETs relevant to New Mexico were valid from 1300 UTC to 1900 UTC.

Pilot Reports (PIREPs) for New Mexico and Arizona from 1300 UTC to 2000 UTC

New Mexico

UBNM90 KWBC 091420 2007099 1420
NM 091420
ROW UA /OV ROW /TM 1413 /FL UNKN /TP C414 /SK OVC039-TOP055 /IC
NEG=
UBNM90 KWBC 091555 2007099 1555
NM 091555
LVS UA /OV LVS /TM 1547 /FL 115 /TP C206 /SK BKN110 /TA 00 /RM
BKN110 W/ FOG ST E/ W TO SAF BKN095 -RA=
UBNM90 KWBC 091545 2007099 1545
NM 091545
SAF UA /OV TANER/TM 1528/FL200/TP BE20/IC LT RIME/RM FL200...-14C/
FL180...-10C=
UBNM90 KWBC 091535 2007099 1535
NM 091535
ROW UA /OV ROW /TM 1528 /FL UNKN /TP B190 /SK OVC039-TOP054 /RM
DURC=
UBNM90 KWBC 091515 2007099 1515
NM 091515
ROW UA /OV ROW /TM 1507 /FL UNKN /TP B190 /SK OVC039-TOP052 /IC
NEG /RM FINAL 21=
ABQ UA /OV ABQ145050 /TM 1508 /FL 370 /TP CL60 /SK SKC /TA M54 /WV
324050KT /TB NEG=
UBNM90 KWBC 091650 2007099 1650
NM 091650
FMN UA /OV RSK/TM 1640/FL280/TP FA20/TB MOD/RM ZDV=
UBNM90 KWBC 091630 2007099 1630
NM 091630
FMN UA /OV 66V-U96/TM 1610/FLUNKN/TP C152/SK FEW080-TOP090/SKC/WX
FV99SM/RM GOOD VFR=
UBNM90 KWBC 091610 2007099 1610
NM 091610
FMN UA /OV RSK 06030/TM 1550/FL350/TP E45/TB OCNL MOD CHOP/RM
ZDV=
UBNM90 KWBC 091700 2007099 1700
NM 091700
RTN UA /OV PUB-CIM360010 /TM 1652 /FL 120 /TP RV8 /SK OVC-TOP140
/WX FV99SM /TA 01 /WV 270040KT /TB OCNL LGT /RM MTNS OBSCD
VNR=
UBNM90 KWBC 091845 2007099 1845
NM 091845
SAF UA /OV SAF360010 /TM 1834 /FL 160 /TP BE19 /SK BKN080
-TOP125/OVC145-TOP160/ CA /TA M05 /IC NEG=
UBNM90 KWBC 091835 2007099 1835
NM 091835
HOB UA /OV HOB /TM 1826 /FL UNKN /TP C182 /SK OVCUNKN-TOP060=
ABQ UA /OV SJN130025/TM 1800/FL160/TP SR22/IC LIGHT /RM /ZAB A/C
RPTD LIGHT ICING(TYPE UNKN. SHORTLY AFTER ENGINE SHUTDOWN.
POSSIBLY HIGHER INTENSITY ICING ENCOUNTERED=

UBNM90 KWBC 091830 2007099 1830
 NM 091830
 SAF UA /OV SAF180010 /TM 1823 /FL 115 /TP BE35 /SK
 SCT-TOP105/SCT120=
 UBNM90 KWBC 091810 2007099 1810
 NM 091810
 SAF UA /OV FTI-SAF-SAF270040 /TM 1801 /FL 120 /TP RV8 /SK
 OVC-TOP140 /TA M02 /TB OCNL LGT RIME /RM CU N + LOOKS GOOD SW
 TOWARDS AZ=
 UBNM90 KWBC 091940 2007099 1940
 NM 091940
 SAF UA /OV SAF/TM 1930/FL400/TP B737/TB SMTH/RM AWC-WEB:SWA=
 UBNM90 KWBC 091920 2007099 1920
 NM 091920
 LVS UA /OV SAF-FTI /TM 1915 /FL 110 /TP PA32 /SK SKC /TB NEG /IC
 LGT CLR /RM DURC FM SAF=

Arizona

UBAZ90 KWBC 091345 2007099 1345
 AZ 091345
 PHX UA /OV PXR270040 /TM 1339 /FL 085 /TP BE50 /WX FV20SM HZ /TA
 10C /WV 280026KT /TB OCNL LGT=
 UBAZ90 KWBC 091455 2007099 1455
 AZ 091455
 DUG UA /OV KTUS160290/TM 1445/FL400/TP B738/SK SKC/TA M53/WV
 30753KT/TB OCNL LGT CAT 400/RM AWC-WEB:ASA=
 UBAZ91 KWBC 091425 2007099 1425
 AZ 091425
 SOW UUA /OV SOW180040-SOW /TM 1417 /FL 113 /TP PC12 /TA 03 /TB SEV
 BLW110=
 UBAZ90 KWBC 091405 2007099 1405
 AZ 091405
 SAD UA /OV SAD/TM 1400/FL135/TP C414/TA M04/WV 310016KT=
 UBAZ90 KWBC 091545 2007099 1545
 AZ 091545
 FLG UA /OV D68-FLG180070 /TM 1535 /FL 125 /TP C172 /SK
 BKN-OVC-TOP105 /TA M03 /TB MOD CHOP=
 UBAZ90 KWBC 091540 2007099 1540
 AZ 091540
 FLG UA /OV SEZ /TM 1531 /FL 080 /TP PA32 /WX FV40SM /TB NEG /RM
 CLDS E BASES 070 TOPS 075/ DURC FM SEZ=
 UBAZ90 KWBC 091650 2007099 1650
 AZ 091650
 PHX UA /OV PHX-DTA/TM 1644/FL125/TP C210/SK SKC/WX FV99SM=
 UBAZ90 KWBC 091640 2007099 1640
 AZ 091640
 FLG UA /OV FLG /TM 1632 /FL 270 /TP BE30 /SK SKC /RM SM00TH=
 UBAZ90 KWBC 091755 2007099 1755
 AZ 091755
 FLG UA /OV FLG360030 /TM 1746 /FL 109 /TP P28R /TB OCNL
 LGT-MOD=
 UBAZ91 KWBC 091715 2007099 1715
 AZ 091715
 GCN UUA /OV GCN/TM 1656/FLUNKN/TP DHC6/RM LLWS RWY21 020-030
 -10KTS,"REMAINED IN GROUND EFFECT FOR 500-700 F AFTER ROTATE

OVER RUNWAY=
 UBAZ90 KWBC 091855 2007099 1855
 AZ 091855
 PRC UA /OV DRK360022/TM 1850/FL095/TP C182/TA 04/TB NEG/RM
 SMOOTH=
 UBAZ90 KWBC 091810 2007099 1810
 AZ 091810
 GCN UUA /OV GCN/TM 1804/FL000/TP DHC6/RM LLWS 1000FT TAKEOFF ROLL
 -5 KIAS=
 UBAZ91 KWBC 091955 2007099 1955
 AZ 091955
 GCN UUA /OV GCN/TM 1948/FLDURD/TP DHC6/RM LLWS FAP 21 +/-5KIAS=
 UBAZ90 KWBC 091955 2007099 1955
 AZ 091955
 UBAZ91 KWBC 091940 2007099 1940
 AZ 091940
 GCN UUA /OV GCN/TM 1934/FL002/TP D228/RM LLWS +/-05KT FA RY21=
 UBAZ90 KWBC 091930 2007099 1930
 AZ 091930
 GCN UUA /OV GCN/TM 1927/FL015/TP C172/RM LLWS DPT 21 -7KIAS
 1000FPM DDF DURC=
 GCN UUA /OV GCN/TM 1928/FL005/TP D228/RM LLWS -5 KIAS FAP 21
 005=
 UBAZ91 KWBC 091930 2007099 1930
 AZ 091930
 GCN UUA /OV GCN/TM 1927/FL015/TP C172/RM LLWS DPT 21 -7KIAS
 1000FPM DDF DURC=
 GCN UUA /OV GCN/TM 1928/FL005/TP D228/RM LLWS -5 KIAS FAP 21
 005=

Winds Aloft Forecasts (FDs) valid for 1200 and 1800 UTC

FDUS13 KWBC 090202 2007099
 0204
 DATA BASED ON 090000Z
 VALID 091200Z FOR USE 0900-1800Z. TEMPS NEG ABV 24000

FT	3000	6000	9000	12000	18000	24000	30000	34000	39000
ABI		2525+09	2729+06	2819-01	2919-16	2631-27	263643	265652	265962
ABQ			2930+03	2833-03	2527-17	2629-29	253845	284251	315955
ABR	1305	2708-10	3110-16	3212-20	3223-32	3362-38	840346	349751	346852
AGC	3013	3122-10	3023-13	3021-18	2919-30	2809-40	273849	275050	275551
ALB	3030	3326-10	3122-16	2927-19	3223-28	3217-38	321751	292852	273649
ALS				3111-04	2816-16	2613-28	242045	232256	311957
AMA		2621	3119+06	2922-02	2827-16	2624-28	264044	274955	285261
ATL	3409	2917-04	2641-04	2760-06	2761-17	2781-28	279345	771253	772061
BAM			2723+00	2625-06	2839-14	2843-28	296642	297948	308852
BCE				3424-06	3354-14	3358-26	334941	336350	338255
BFF		2906	3326-01	3233-07	3151-16	3252-29	335346	335554	335462
BHM	3509	2717-05	2647-03	2763-05	2761-17	2774-29	278844	770853	772262
BIH		9900	2907+05	2918+00	3044-14	2949-28	306738	307647	319052
BIL		2818	3018+01	3017-06	3028-15	2932-29	283645	293454	302862
BLH	3111	2810+12	3510+08	3117+00	3243-12	3251-25	326339	337348	338054
BNA	9900	2710-08	2824-09	2834-10	2661-21	2782-32	760448	771455	760159
BOI		2722+06	2634-01	2431-07	2344-19	2454-29	256344	277148	287049
BOS	3133	3029-09	2930-16	2934-20	3035-29	3026-37	312550	283951	274749
BRO	1211	2014+13	2616+09	2823+04	2329-13	2541-24	255238	256649	258759

BUF	2919	3019-12	3122-14	3021-19	3125-29	3228-38	312953	292554	272450
CAE	3006	2612-03	2736-03	2737-07	2767-18	2788-29	770445	771453	771359
CAR	3233	3234-14	3542-17	3641-21	3442-27	3655-38	015250	364052	312748
CLE	3010	3020-11	3026-13	3020-18	3015-30	9900-40	210653	273152	274450
CRP	1614	2311+10	2814+08	2822+02	2631-14	2547-25	256340	256749	257761
CRW	3107	2919-12	2913-12	2919-18	2858-26	2795-36	770648	279552	278053
CZI			3318+01	3224-06	3138-15	3142-29	324345	324454	334463
DAL	1409	2623+02	2841+05	2834-01	2836-16	2747-27	275043	266552	268063
DBQ	9900	2806-12	2810-17	2717-20	2724-31	2733-44	283452	283650	283849
DEN			3320+03	3321-05	3222-15	3124-28	301945	331955	342264
DIK		1909-06	3306-10	3323-16	3467-21	3479-31	338345	338454	337760
DLN			2418+01	2421-06	2423-17	2436-29	243945	253952	284255
DRT	1822	2410+13	2814+07	2815-01	2436-16	2447-27	253941	255152	255759
DSM	9900	3014-10	3116-15	3020-19	2941-31	2947-42	306349	306250	305549
ECK	3114	3019-11	3020-14	3024-18	3020-29	2811-39	200854	241355	262351
ELP		2837	3025+04	2615-02	2820-15	2731-28	273943	283952	304157
ELY			3021+02	3221-05	3038-14	2932-27	305342	317049	318354
EMI	3123	2921-09	2826-12	2731-18	2729-29	2744-38	278148	267550	276751
FAT	3319	3209+08	2915+03	2928-02	2944-14	2953-26	306137	306746	318853
GPI		2612+04	2517-02	2324-07	2125-18	2130-31	213747	223853	253353
FMN			2816+00	2819-05	2819-17	2422-30	211846	303650	325253
GCK		2414-03	3321+02	3131-04	3139-16	2945-28	294445	304155	304165
GEG		2432+00	2332-06	2231-10	1833-21	1847-32	196047	224747	254346
GFK	9900	3406-13	3109-17	3214-23	3219-35	3332-44	345447	345448	344749
GGW		1608-01	3214-03	3229-08	3337-18	3346-29	325445	325654	325163
GJT			0505+00	9900-05	9900-17	1609-29	091345	032550	354456
GLD		2519	2923+01	3131-07	3248-16	3050-28	314745	324655	314565
GRB	9900	2916-13	2913-17	2713-20	2419-30	2019-41	182255	211754	271850
GTF		2715	2515+00	2516-06	2516-16	2526-30	243946	233654	273457
HOU	9900	2216+06	2715+06	2720+00	2646-14	2649-26	266641	257250	257962
ICT	2218	2010-06	2821-05	2934-08	3164-17	2978-28	307146	316955	297163
ILM	9900	2515-04	2640-03	2747-07	2671-18	2783-30	760246	761354	761658
IMB			2534-07	2540-12	2445-23	2659-31	266940	277042	276745
IND	3206	3115-11	2613-13	2614-19	2931-29	2858-40	287050	277451	276150
INK		2732+12	2825+07	2914+00	2607-16	2622-27	263243	263653	274659
INL	9900	3407-15	3312-19	3216-23	2914-35	2112-44	240650	320949	341548
JAN	0505	2634+01	2646+02	2753-03	2756-15	2761-27	277543	279451	770963
JAX	2807	2841+07	2743+02	2743-04	2754-14	2771-25	279240	279550	761558
JFK	3218	2919-10	2928-14	2835-18	2845-28	2841-37	274151	276250	276250
JOT	9900	2913-12	2713-15	2620-18	2723-30	2728-42	273652	274351	284349
LAS		0109+11	3314+05	3122-02	3240-13	3051-26	316540	327948	328754
LIT	9900	2612-06	2922-02	2933-06	2756-17	2873-29	277945	279354	770362
LKV			2545-05	2547-08	2765-16	2782-29	279241	289545	299047
LOU	2906	3116-10	2915-14	2829-16	2860-25	2780-36	773047	772355	278053
LRD	1723	2118+12	2820+09	2822+02	2438-14	2547-25	246340	246449	247159
MEM	9900	3110-07	2721-05	2840-07	2746-19	2676-29	279746	770355	770661
MIA	1706	9900+09	2320+07	2532+02	2743-10	2652-23	269034	761541	751254
MKC	2609	2915-08	2716-13	2937-16	2858-25	3088-35	800248	319554	307855
MOB	0613	2324+06	2348+04	2639-02	2752-15	2664-27	268740	269150	760062
MSP	9900	3408-14	3214-17	3314-22	3017-34	2918-44	302551	312749	312748
MSY	3410	2034+09	2532+04	2727-01	2741-14	2660-26	267840	268150	268862
OKC	1714	2216-05	2919+00	2930-03	2943-16	2945-28	295244	295655	286464
ONL		2312-07	3009-14	3024-15	3263-25	3293-32	830346	830455	338358
OTH	2721	2524-05	2526-09	2640-12	2771-20	7700-31	770938	770640	289742
PDX	2428	2530-04	2430-10	2328-16	2535-26	2650-35	266338	276538	276542
PIE	1905	2713+09	2725+03	2635-01	2746-12	2762-23	267038	269946	754354
PIH		2316	2519+00	2617-05	2521-15	2629-28	263045	283952	295455

PLB	3131	3229-11	3230-16	3428-19	3626-27	3418-37	042051	031557	302350
PRC			3016+05	3020-02	3246-14	3159-26	326641	336948	348155
PSB		3124-12	3025-14	2925-18	2826-29	2918-39	281452	264051	275050
RAP		2006-03	3214-05	3234-11	3358-18	3265-30	336846	337154	336962
RBL	2105	2709+01	2523-01	2635-04	2762-15	2879-28	289038	780844	790547
RDU	3610	2616-06	2631-10	2754-10	2778-20	2792-31	279846	770254	269957
RIC	3110	2730-08	2728-12	2739-16	2779-23	7704-33	773048	761853	279354
RKS			2917	2817-06	2812-15	2906-27	301144	322453	333561
RNO		2418	2645-01	2741+00	2849-14	2952-27	286739	298647	800152
SAN	3110	3228+12	3321+08	3320+03	3033-11	3145-25	325837	336347	337654
SAT	2113	2314+11	2714+07	2916+01	2534-14	2546-26	256540	256550	247261
SBA	3517	3424+11	3226+07	3128+02	2938-12	2948-24	305537	316346	327753
SEA	2332	2431-03	2530-10	2526-16	2427-26	2331-36	243841	254740	265241
SFO	2920	2731+04	2832+03	2838+01	2848-14	2959-26	296837	297745	308951
SGF	2709	3211-08	2815-09	3033-11	2960-22	3092-32	299547	298755	288959
SHV	9900	2623-01	2741+04	2842-02	2850-16	2754-27	276243	268052	269863
SLC		9900	2911+00	3014-06	3113-15	3117-27	292244	313052	316256
SSM	3313	3408-12	9900-14	9900-19	9900-29	2609-39	190853	220956	260951
STL	2808	2811-09	2715-12	2919-16	2849-26	2867-38	288050	278353	287252
TLH	9900	2830+06	2640+01	2753-03	2755-14	2767-26	278740	279350	760660
TRI		2917-09	2828-11	2749-12	2774-22	2796-32	770648	781855	770256
TUS		2315+08	2612+04	2619+00	3033-13	3147-26	335742	335650	336455
2XG	2711	2529+05	2741+02	2749-04	2760-15	2772-25	279240	269950	763556

FDUS14 KWBC 090202

2007099

0204

DATA BASED ON 090000Z

VALID 091200Z FOR USE 0900-1800Z. TEMPS NEG ABV 24000

FT	3000	6000	9000	12000	18000	24000	30000	34000	39000
ACK	2920	2829-10	2833-16	2944-20	2943-28	2852-37	286249	276250	275649
ACY	3023	2825-09	2833-12	2836-17	2736-28	2753-38	279548	269151	277350
AST	2729	2531-05	2431-10	2328-16	2530-26	2541-36	265939	276638	276741
AVP	3018	3120-10	3026-14	2927-18	2936-28	2936-38	283252	274551	274950
AXN	9900	9900-13	3411-17	3314-22	3119-35	3122-44	323549	333948	333649
BDL	3127	3124-10	2926-16	2936-19	3122-29	3023-38	293649	284551	274650
BGR	3141	3235-12	3231-16	3233-21	3238-28	3337-35	353951	323053	303347
BML	3034	3142-11	3335-15	3428-20	3428-27	3231-37	013251	352256	302849
BRL	2611	2812-11	2912-15	2919-19	2946-30	2755-41	285851	285851	285650
CGI	9900	2615-08	2820-10	2928-12	2746-24	2869-35	761147	761156	278356
CHS	3108	2519-01	2738-02	2750-05	2762-17	2782-28	770443	771952	762060
CLL	9900	2322+07	2723+06	2726-01	2726-16	2646-26	266441	257350	257962
CMH	3212	3011-10	2914-13	2915-19	2912-31	2821-40	275549	276050	275851
COU	2811	3017-09	2815-11	2720-16	2856-25	2867-38	298649	298153	287554
CSG	3308	2723+00	2657-01	2762-04	2767-16	2769-27	269143	770952	772363
CVG	3106	3014-11	2913-13	2713-19	2941-28	2883-38	279449	278852	277251
DLH	9900	3409-15	3413-18	3313-22	2709-34	2113-44	221252	260950	311248
EKN		2918-12	2914-12	2816-18	2736-29	2779-37	269448	278251	277252
EVV	2306	2809-09	2914-14	2825-15	2854-26	2772-36	762247	762155	277752
EYW	1311	9900+11	2417+08	2526+03	2740-09	2648-22	268632	269842	249954
FLO	9900	2611-04	2739-03	2743-07	2770-18	2785-30	770146	770754	761358
FOT	3112	2915-03	2730-02	2746-04	2768-16	2786-28	289739	781143	790647
FSD	1609	2910-10	3115-16	3217-20	3030-32	3252-40	337947	337950	326351
FSM	9900	9900-06	2919-03	2832-06	2953-17	3066-29	297145	287155	288162
FWA	3407	2813-11	2618-13	2719-19	2813-30	2712-41	272952	274552	274650
GAG		2405+00	3016+01	3025-03	2935-16	2940-28	294144	293855	284764
GRI		2115-07	3011-12	3030-12	3168-22	3189-31	329546	339755	327959
GSP	0514	2708-06	2734-07	2844-09	2767-19	2682-30	770146	770455	770258

HAT	3005	2618-05	2633-07	2655-09	2675-19	2790-30	760846	761455	761557
HSV	9900	3016-07	2729-05	2734-08	2658-18	2781-30	279746	770955	771761
H51	2307	2321+09	2618+08	2726+02	2632-12	2647-24	255338	256048	259258
H52	2121	2217+11	2415+06	2723+01	2742-12	2746-23	256037	259146	763755
H61	1113	2412+10	2722+05	2528+00	2748-11	2753-23	267137	761743	752554
LBB		2430+05	2833+07	2823+00	2619-16	2632-28	264244	274654	265460
LCH	9900	2423+06	2723+06	2826+00	2635-16	2654-27	267440	257450	258362
LND			3109+01	2911-05	2916-14	2918-28	292244	302953	323162
LSE	9900	3009-13	3012-17	2813-21	2718-32	2622-44	272152	282450	292549
LWS	2816	2722+00	2323-04	2226-09	2227-21	1933-32	206447	245447	264947
MBW			3120	3030-06	3130-15	3231-28	322844	333154	333863
MCW	9900	3111-13	3215-16	3118-21	2926-33	2932-44	304150	304449	304049
MGM	3306	2729+02	2660+00	2659-04	2763-16	2767-27	269142	770152	771863
MKG	2707	2710-13	2816-14	2720-18	2616-30	2312-41	181355	231755	272750
MLB	2511	2818+09	2725+03	2634-02	2750-13	2767-23	267738	761044	754254
MLS		1905+00	3220-02	3233-08	3339-17	3350-29	325845	326054	335563
MOT		1810-10	9900-14	3413-20	3447-28	3492-32	349945	349753	347956
MQT	3410	3312-16	3209-16	2906-20	2409-29	2213-40	181854	181755	221050
MRF			2720+06	2712-01	2416-16	2717-26	263842	254053	274157
OMA	2108	2911-08	2911-15	3010-18	3047-29	3175-38	319448	328852	316852
ONT	3008	3218+12	3317+08	3321+02	3034-12	3049-25	316038	326647	338054
ORF	2707	2726-07	2824-11	2646-14	2776-22	7706-32	761347	761254	770054
PFN	9900	2321+07	2541+04	2638-02	2753-14	2665-26	278440	278950	760060
PHX	1912	1809+08	2912+05	3121-01	3236-14	3254-26	336341	336549	337054
PIR		9900-08	9900-13	3223-17	3367-24	3392-31	339846	349754	338458
PSX	2008	2311+08	2812+07	2815+00	2634-14	2647-25	256540	256950	257861
PUB			3513+04	3308-03	3112-15	2718-28	271945	291255	321862
PWM	3138	3132-10	3128-16	3030-21	3235-28	3131-37	352351	312653	283548
RDM		2631-02	2442-08	2537-12	2648-22	2780-31	278339	278241	277845
ROA	3115	2827-09	2623-12	2741-15	2780-23	2797-34	762048	771654	279453
ROW		2925	3127+07	3019-01	2521-16	2631-29	263844	264354	284559
SAC	2816	2623+04	2725+02	2735-03	2855-14	2964-27	287637	298845	309249
SAV	3108	2623+02	2738-01	2750-04	2761-16	2775-27	770641	771152	762060
SIY		2616-02	2529-07	2645-07	2769-17	2790-29	770340	780843	780445
SLN	2116	2212-07	2815-08	3034-09	3171-19	3080-29	317946	327955	307262
SPI	2508	2507-10	2713-14	2817-17	2948-28	2864-40	276951	277352	286351
SPS	1614	2816+02	3033+05	2935-02	2735-16	2838-28	285044	275553	276262
SYR	3026	3222-11	3122-15	3021-19	3413-28	3411-39	331152	292352	282849
TCC		2615	2927+06	2930-02	2727-16	2519-29	253644	254155	274960
TUL	2208	1907-06	2917-04	2926-07	3055-17	2971-28	296646	306155	287163
TVC	3108	3020-14	3015-15	2917-18	2818-29	2410-40	201154	211456	241450
TYS	0408	3012-08	2828-09	2844-10	2669-21	2789-31	770547	771555	770359
T01	0707	2321+09	2511+06	2512+01	2740-13	2749-26	256639	256949	257661
T06	1518	2520+09	2423+05	2620+00	2743-13	2649-25	266439	267249	258360
T07	1515	1923+09	2328+04	2625-01	2644-13	2655-24	266739	267749	269859
WJF		3315+14	3309+07	3220+01	3035-13	2951-25	316038	326747	328254
YKM	2518	2631-03	2628-09	2429-14	2233-25	2141-35	244341	255040	265443
ZUN			2828+02	2823-04	2829-17	2934-28	316141	315748	325556
4J3	1805	2521+09	2623+04	2834-01	2747-13	2761-24	266939	268348	751556

FDUS11 KWBC 091405

2007099

1406

DATA BASED ON 091200Z

VALID 091800Z FOR USE 1700-2100Z. TEMPS NEG ABV 24000

FT	3000	6000	9000	12000	18000	24000	30000	34000	39000
ABI		2631+10	2620+06	2517-01	2424-16	2530-28	253843	253953	273660
ABQ			3120+02	2815-05	2632-17	2736-30	304642	315446	335252

ABR	1213	1807-10	2506-14	2912-19	3351-25	3285-31	329546	329453	337958
AGC	2711	2820-10	2918-13	2819-18	2714-31	2730-40	275951	275751	265050
ALB	2922	3315-11	2916-15	2919-18	9900-28	9900-37	111951	250654	263050
ALS				2907-03	2711-17	9900-29	120745	021550	344255
AMA		2519	2618+05	2524-02	2628-16	2422-29	262445	252955	283158
ATL	2810	2629-04	2751-02	2757-05	2770-16	2878-28	279844	761352	762761
BAM			2725-02	2537-07	2748-17	2867-30	288741	299145	309646
BCE				3226-05	3139-14	3030-26	315341	317048	328053
BFF		2608	2923+01	2925-06	3034-15	2941-29	293945	294254	305263
BHM	2508	2720-04	2750-02	2751-05	2762-15	2873-28	278544	269952	761861
BIH		9900	2405+07	2922+01	2945-15	2856-26	297138	299144	308548
BIL		2627	2828-01	2724-07	2624-19	2529-31	253346	253853	284654
BLH	1805	3307+10	2707+07	2914+01	3131-12	3047-26	315637	326845	338251
BNA	2507	2508-07	2827-08	2745-10	2769-21	7802-29	780546	780154	770060
BOI		2922+02	2825-06	2635-12	2659-21	2769-33	278343	288443	288243
BOS	2921	2820-08	2814-14	3022-18	3121-27	3018-36	360751	291954	273949
BRO	1507	2409+11	2613+10	2317+04	2332-13	2347-25	246441	247848	258753
BUF	2716	2919-13	3016-14	2919-18	2918-29	2916-38	270653	240954	252350
CAE	2711	2631-03	2743-02	2766-05	2679-17	2790-29	771044	762651	763560
CAR	3130	3332-12	3430-13	3434-19	3442-25	3540-36	015450	014157	312652
CLE	3009	2817-11	2817-13	2722-19	2414-31	2314-42	262752	273852	263649
CRP	1419	2317+11	2512+08	2414+02	2341-14	2342-27	245841	245851	256756
CRW	9900	2711-08	2524-12	2720-17	2750-26	2769-38	269549	279552	267451
CZI			2813+01	2814-06	2833-17	2639-30	264945	274654	295357
DAL	1608	2436+07	2633+05	2619-01	2531-16	2731-27	263843	264852	264863
DBQ	2805	2707-11	2713-18	2918-21	2923-32	2928-43	294348	305149	314550
DEN			3015+03	2921-04	2923-16	2919-28	291344	301952	314161
DIK		1621-06	2108-09	3118-14	3245-20	3155-30	306545	316355	315660
DLN			2733-03	2831-09	2435-21	2333-34	243846	264746	285148
DRT	1809	2920+12	2522+06	2329-01	2442-15	2637-25	264242	254252	274255
DSM	9900	2505-09	2814-15	3124-19	3047-29	3185-34	821445	820953	317756
ECK	3207	3017-14	2913-15	2721-19	2612-30	2110-40	162355	211454	252149
ELP		2622	2821+03	2623-03	2738-15	3039-26	293942	304450	324955
ELY			2816+02	2632-05	2941-16	2953-29	297141	297847	319548
EMI	2913	2915-10	2927-13	2832-18	2827-29	2760-37	277848	277250	266151
FAT	3213	2805+07	2717+03	2827+01	2942-15	2853-25	296837	298744	308349
GPI		2628+00	2727-06	2629-12	2118-21	1926-33	193549	222648	263547
FMN			2813+00	3210-07	0219-16	0520-28	354040	344748	336453
GCK		9900+00	2905+04	2812-03	2720-15	2921-29	302145	311954	322463
GEG		2732-02	2623-08	2620-15	2220-27	2228-37	222942	243242	264143
GFK	9900	9900-13	2906-17	3011-22	3124-34	3362-38	339945	338851	335652
GGW		1719-01	2508-02	3018-09	3025-19	3032-30	283546	283654	293959
GJT			2507+02	2710-05	2911-15	2917-27	302143	303152	316457
GLD		2505	3119+02	3117-05	2832-15	3031-28	302745	312554	323463
GRB	9900	2710-13	2810-17	2615-22	2317-31	1919-44	191853	251250	281049
GTF		2729	2724-03	2420-08	2222-20	2117-32	222547	232751	273350
HOU	2305	2520+09	2619+07	2617+00	2642-15	2544-27	256342	255751	256860
ICT	1812	2217-05	2621-01	2831-04	2943-16	2951-28	304945	294655	304664
ILM	2205	2511-04	2737-04	2650-07	2678-18	2694-29	761644	763352	763260
IMB			2631-10	2634-15	2652-25	2772-34	277540	278239	277642
IND	2608	2611-09	2615-16	2522-18	2633-30	2747-42	277049	277250	276450
INK		2725+11	2918+06	2619-01	2625-16	2732-28	263844	283650	303857
INL	9900	9900-14	3105-18	2908-23	2615-35	2313-44	291548	322248	332248
JAN	1205	2739+02	2742+03	2844-02	2744-15	2750-27	276343	267951	750262
JAX	2422	2530+07	2540+03	2643-03	2653-14	2674-26	269040	269950	762858
JFK	2816	2920-10	2831-13	2734-17	2816-28	2714-38	262250	264850	265350
JOT	2508	2614-10	2517-17	2719-21	2619-32	2721-44	284150	284550	284349

LAS		1705+11	2710+05	2722-01	3138-14	3144-27	306238	317446	329350
LIT	9900	2810-04	2833-01	2846-04	2848-15	2955-28	286145	276654	277662
LKV			2531-06	2640-10	2862-20	2781-32	279139	780142	289343
LOU	2609	2610-08	2618-13	2733-15	2752-27	2770-39	780847	780552	278153
LRD	1618	2718+13	2819+08	2414+02	2333-15	2539-26	254043	254750	266253
MEM	2507	2905-06	2827-03	2844-06	2962-17	2975-28	287345	276855	278262
MIA	1512	2212+10	2527+07	2529+02	2743-11	2650-22	269632	750941	750954
MKC	2109	2313-07	2616-13	3042-12	3175-19	3083-29	308245	318254	317664
MOB	9900	2328+07	2532+02	2831-02	2746-16	2760-26	267740	258450	750360
MSP	9900	9900-13	3106-17	2910-21	3016-34	3024-43	324747	325148	324250
MSY	9900	2416+08	2625+05	2723-01	2746-15	2659-26	257240	257750	259460
OKC	1711	2117-03	2725+03	2726-02	2738-16	2828-28	273545	264954	274261
ONL		1913-06	2712-10	3032-13	3261-18	3271-30	328345	328454	326761
OTH	2416	2416-05	2624-11	2734-14	2771-22	2787-34	279739	770040	279241
PDX	2321	2625-07	2732-12	2735-16	2745-28	2756-36	276340	277239	266641
PIE	1915	2417+09	2615+04	2525-02	2641-12	2655-23	268038	760945	764254
PIH		2623	2733-02	2638-08	2648-19	2753-31	277045	286947	286950
PLB	2922	3026-12	3126-15	3224-17	3414-26	3612-37	091350	070759	272052
PRC			3213+04	3128-03	3342-13	3148-25	325839	337347	338253
PSB		2924-11	2928-14	2931-18	2923-29	2609-39	251452	274151	264249
RAP		1713-02	2815-03	3028-08	3037-18	3052-29	295545	305654	315362
RBL	3505	2606+00	2518-02	2736-04	2762-17	2777-29	289439	780443	289948
RDU	9900	2614-07	2730-06	2637-09	2772-20	2685-31	761247	763254	761056
RIC	2606	2912-09	2827-10	2838-15	2762-23	2685-34	761447	761754	278953
RKS			2822	2830-07	2635-16	2737-29	263944	284752	306056
RNO		2615	2526+00	2730-02	2856-16	2765-28	288539	299645	790048
SAN	3613	3417+13	3217+09	3320+04	2935-12	3044-24	315336	316244	336951
SAT	1612	2322+10	2615+08	2411+01	2342-15	2540-26	253442	254252	265155
SBA	3615	3325+11	3125+08	3025+04	2923-13	2841-24	305236	306643	316951
SEA	2431	2427-06	2322-12	2626-16	2419-28	2422-39	253642	264540	265341
SFO	3013	2718+05	2824+04	2733+02	2746-15	2856-26	287737	289343	298749
SGF	9900	2205-06	2826-09	2947-08	3068-17	2974-28	297645	297454	297164
SHV	9900	2632+03	2744+04	2833-01	2739-16	2739-27	274643	265852	257063
SLC		2410	2522+00	2622-07	2840-16	2738-29	296443	296649	306953
SSM	3012	3011-15	2708-15	2507-19	2509-29	2110-39	172254	171656	180750
STL	2708	2709-09	2923-13	2832-16	2863-27	7901-33	791846	791353	298857
TLH	3006	2430+06	2636+02	2741-02	2752-15	2768-26	268540	269450	761659
TRI		2506-06	2616-10	2735-12	2663-23	2789-33	772447	771954	770355
TUS		2407+09	3110+04	3121+00	3243-12	3254-25	326039	336647	346653
2XG	2515	2829+07	2640+02	2652-02	2757-14	2674-25	268639	269749	763957

FDUS12 KWBC 091405

2007099

1406

DATA BASED ON 091200Z

VALID 091800Z FOR USE 1700-2100Z. TEMPS NEG ABV 24000

FT	3000	6000	9000	12000	18000	24000	30000	34000	39000
ACK	2825	2827-08	2920-14	2922-18	2824-27	2829-37	282051	274251	275450
ACY	2817	3025-07	2830-12	2833-18	2736-28	2761-37	268047	267850	266651
AST	2327	2524-06	2529-12	2634-16	2641-28	2749-37	265941	276939	266641
AVP	3115	2918-12	2822-15	2828-17	2919-28	2714-38	260552	263251	264350
AXN	9900	9900-13	2905-16	2909-21	3018-34	3238-41	338846	338149	335551
BDL	2917	2918-10	2820-14	2920-17	2906-28	2610-37	090551	272053	264150
BGR	3025	3328-11	3128-13	3227-19	3333-25	3432-36	024351	353156	292749
BML	2928	3139-12	3224-13	3220-17	3324-26	3309-36	032851	011958	282751
BRL	2607	2608-10	2917-17	2924-19	2939-30	2957-40	307947	308050	306852
CGI	2806	2908-08	2824-10	2942-12	2863-23	7901-29	780545	780355	289161
CHS	2908	2623+00	2759-01	2664-04	2676-16	2783-27	760042	761551	763060

CLL	2308	2428+09	2721+06	2616-01	2542-15	2637-28	264341	255152	255761
CMH	9900	2810-10	2513-12	2414-19	2733-29	2749-41	266451	276651	275349
COU	2707	2910-08	2721-14	2937-15	2972-23	8001-29	309945	309654	308861
CSG	9900	2834+00	2756-01	2758-05	2762-16	2869-28	268742	760250	761861
CVG	2708	2709-09	2616-14	2620-17	2641-28	2760-40	278349	278450	277051
DLH	9900	3108-14	3209-18	3109-22	2709-34	2310-44	291550	322548	332349
EKN		2915-09	2821-11	2822-18	2850-27	2772-38	269050	278851	267050
EVV	2409	2410-08	2822-12	2734-15	2861-26	2889-35	782346	781753	289155
EYW	1711	2114+12	2317+08	2525+03	2734-10	2650-21	268532	259342	259654
FLO	2508	2512-05	2734-04	2650-07	2678-17	2791-29	771544	763252	763560
FOT	3511	2813-03	2719-06	2739-05	2760-18	2785-29	780338	771142	770246
FSD	1409	1808-09	2512-15	2919-19	3149-26	3293-31	820145	329953	338258
FSM	1506	2413-04	2730+01	2840-04	2842-15	2946-28	285045	285454	275662
FWA	9900	2812-10	2519-16	2520-19	2521-31	2527-42	264152	264850	274448
GAG		2117+02	2619+03	2623-02	2621-15	2722-28	261945	262655	301962
GRI		1916-05	2819-08	3032-10	3155-17	3164-29	317146	327454	326563
GSP	2408	2905-06	2728-05	2742-08	2773-18	2787-29	770645	762754	762459
HAT	2507	2624-05	2741-05	2743-09	2767-20	2687-30	761345	763853	762458
HSV	2506	2607-07	2735-04	2749-06	2769-17	2984-28	288544	279054	761161
H51	1706	2222+11	2217+09	2518+03	2333-14	2448-25	236640	248348	740755
H52	2411	2416+11	2614+07	2717+02	2729-12	2653-24	248137	750245	742254
H61	1910	2411+10	2614+05	2624+00	2638-11	2647-23	269135	761542	751754
LBB		2921+11	2816+06	2519-01	2630-17	2627-29	253844	253953	283958
LCH	3107	2319+06	2716+07	2522+00	2753-15	2552-26	256441	256450	257461
LND			2821+02	2914-05	2735-17	2643-30	254745	265052	295955
LSE	9900	9900-12	2807-18	2913-21	2819-33	2920-43	303149	314148	323450
LWS	2626	2632-02	2727-09	2621-16	2330-27	2440-36	254142	264441	275243
MBW			2729	2734-07	2835-15	2731-28	273345	273654	305159
MCW	9900	9900-11	2915-16	3020-20	2927-33	3142-41	328046	327749	316052
MGM	9900	2741+03	2649-01	2854-04	2756-16	2859-27	268341	269450	761261
MKG	2107	2709-12	2610-16	2518-20	2219-31	2017-43	191954	251851	261749
MLB	1710	2226+09	2534+04	2630-01	2645-12	2658-23	268537	761944	754054
MLS		1811+02	2716-01	2921-08	2928-19	2835-30	284046	274355	294759
MOT		1515-10	9900-14	3115-19	3355-22	3272-31	328346	328554	336958
MQT	3506	2909-16	2912-18	2611-21	2111-29	1716-41	162354	171454	180549
MRF			2820+04	2918-02	2725-14	2834-27	263943	283650	293755
OMA	1910	2212-08	2706-13	3033-16	3172-21	3188-30	329445	329254	327961
ONT	9900	3114+12	3016+08	3119+04	3125-13	3041-25	305536	316744	327351
ORF	2606	2716-09	2835-10	2742-12	2762-22	2695-33	761847	762654	279754
PFN	2907	2435+08	2734+02	2737-01	2750-14	2762-25	268240	258850	761459
PHX	2206	9900+08	3220+06	3122-02	3245-13	3160-25	326238	337347	337653
PIR		1613-07	2408-11	3026-14	3260-19	3272-30	318545	328355	326661
PSX	1610	2321+09	2416+08	2615+01	2442-15	2441-27	246342	255751	256658
PUB			3609+03	3009-04	2507-15	9900-28	990045	360753	332959
PWM	2924	3134-11	3024-13	3026-18	3231-26	0316-36	012450	331756	283350
RDM		2529-04	2632-10	2734-14	2756-23	2781-34	277940	278940	278442
ROA	2708	2709-06	2722-12	2828-15	2758-24	2679-36	761047	761553	269353
ROW		2808	2819+05	2724-02	2530-16	2730-29	294343	294851	304655
SAC	2307	2513+04	2620+03	2737+01	2753-15	2860-27	297938	289443	299349
SAV	2907	2735+03	2656+01	2755-03	2671-15	2774-27	269641	760550	762460
SIY		2808-02	2423-07	2635-10	2765-20	2785-31	780038	780941	279744
SLN	1711	2118-05	2627-03	2937-07	3053-16	3057-28	305646	315254	315464
SPI	2508	2509-09	2718-15	2824-18	2947-29	2867-40	298747	298750	297352
SPS	1810	2418+03	2514+06	2622-01	2536-17	2632-28	264143	254254	264162
SYR	2823	3013-13	3115-15	2918-19	9900-28	1705-38	131452	230654	262450
TCC		2417	2719+05	2725-02	2622-16	2521-29	252346	272753	303655
TUL	1608	2214-04	2625+00	2830-04	2939-15	2945-28	284645	284855	285063

TVC	9900	2715-13	2714-17	2619-20	2315-30	1916-41	172555	191453	241149
TYS	2606	2607-06	2818-09	2741-11	2771-20	7803-30	771246	771255	770857
T01	1810	2318+09	2516+08	2619+02	2642-14	2552-26	246840	247349	258858
T06	1614	2611+10	2613+06	2616+01	2744-13	2655-25	247139	258349	750857
T07	1415	2512+09	2519+04	2623+00	2745-13	2655-25	257238	258448	754055
WJF		3117+12	3114+08	3119+03	3027-13	2943-25	305536	316843	327351
YKM	2626	2631-05	2723-10	2520-16	2423-27	2532-38	264541	265339	275941
ZUN			2922+01	3030-05	3245-16	3364-27	326040	336347	336653
4J3	1816	2429+09	2722+04	2630-01	2744-13	2655-25	257338	269247	765354

North American Mesoscale (NAM) Weather Model sounding for the accident location valid for 1800 UTC

**NAM09
MODEL SOUNDING**

GRID POINT 241.43 157.56
LAT/LON: 34.04 -108.90
04/09/2007 18Z

PRES HPA	HGT (MSL) M	TEMP C	DEWP C	WDIR DEG	WSPD M/S
50.	20548.	-63.9	-77.7	315.4	7.9
100.	16349.	-66.5	-79.1	321.7	24.9
150.	13860.	-58.6	-85.0	324.3	31.9
200.	12022.	-51.7	-74.8	330.7	37.7
250.	10567.	-46.9	-77.3	327.0	32.6
300.	9339.	-39.4	-67.8	317.4	34.6
350.	8271.	-32.8	-52.6	315.6	33.3
400.	7319.	-26.0	-42.6	315.2	33.3
450.	6457.	-19.5	-46.6	319.9	34.0
500.	5669.	-16.3	-20.7	308.4	22.8
550.	4947.	-12.0	-14.7	281.3	19.5
600.	4275.	-7.6	-9.4	283.1	20.1
650.	3647.	-3.1	-3.2	288.3	15.9
700.	3054.	1.8	-1.4	293.9	13.7
725.	2770.	4.3	-1.2	293.8	12.5
750.	2492.	7.7	-0.1	293.7	10.5
758.	2399.	10.7	0.9	292.9	9.2

Figure 1. NAM sounding for accident location for 1800 UTC

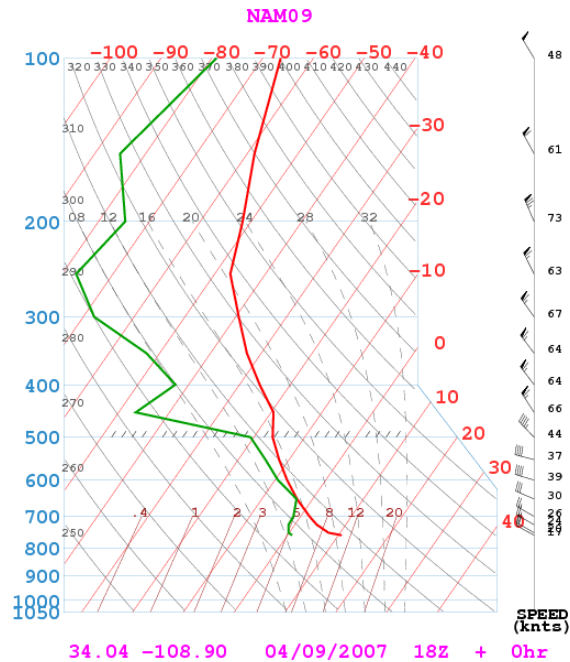


Figure 2. NAM skew t log p plot for NAM sounding

Weather Surveillance Radar-1988, Doppler (WSR-88D) Reflectivity Products for Albuquerque and Flagstaff nearest to the accident time

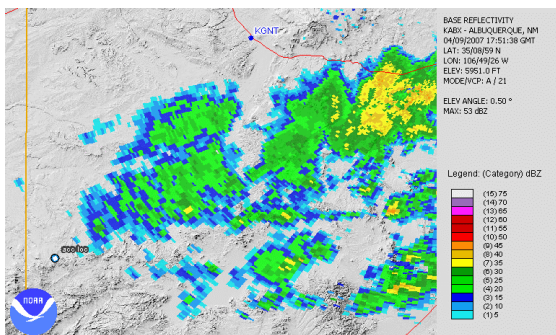


Figure 3. ABX Base Reflectivity for 0.5-degree for 1751:38 UTC

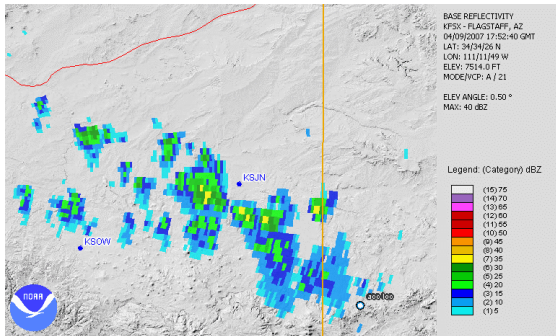


Figure 4. FSX Base Reflectivity for 0.5-degree for 1752:40 UTC

Notes: The radar beam for the ABX 0.5-degree sweep was centered over the accident location at about 22,500 feet msl, and the beam width was about 12,400 feet. The radar beam for the FSX 0.5-degree sweep was centered at about 23,200 feet msl, and the beam width was about 12,000 feet.