

## Flood Statement – Advisories (FLS)

**Example #1 - Urban and Small Stream Flood Advisory.** Situation – A forecaster at WFO San Angelo notes an area of thunderstorms across central and northern Taylor County in Texas. Based on experience with numerous similar storm complexes, the forecaster decides that the likely hydrologic response would not rise to a level warranting a flood or flash flood warning, but instead issues an urban and small stream flood advisory to heighten the level of public awareness in the area

WGUS84 KSJT 281256  
FLSSJT

FLOOD STATEMENT  
NATIONAL WEATHER SERVICE SAN ANGELO TX  
755 AM CDT TUE MAY 28 2002

TXC441-281500-  
/O.NEW.KSJT.FL.Y.0005.020528T1255Z-020528T1500Z/  
/O.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/  
TAYLOR-  
INCLUDING THE CITY OF ABILENE  
755 AM CDT TUE MAY 28 2002

...URBAN AND SMALL STREAM FLOOD ADVISORY IN EFFECT UNTIL 1000 AM CDT  
TUESDAY...

THE NATIONAL WEATHER SERVICE IN SAN ANGELO HAS ISSUED AN

- \* URBAN AND SMALL STREAM FLOOD ADVISORY FOR TAYLOR COUNTY AND THE  
CITY OF ABILENE
- \* UNTIL 1000 AM CDT TUESDAY
- \* AT 750 AM CDT...WEATHER SERVICE DOPPLER RADAR INDICATED  
THUNDERSTORMS WITH LOCALLY HEAVY RAINFALL ACROSS CENTRAL AND  
NORTHERN TAYLOR COUNTY. RAINFALL BETWEEN 1 TO 2 INCHES HAS FALLEN  
IN ABILENE SINCE 700 AM WITH ANOTHER ONE HALF INCH POSSIBLE THROUGH  
MID MORNING.
- \* LOW LYING AND POOR DRAINAGE AREAS ACROSS THE CITY OF ABILENE MAY  
BECOME FLOODED AND IMPASSABLE.

MOTORISTS ACROSS ABILENE SHOULD USE EXTREME CAUTION WHEN TRAVELING  
ACROSS THE CITY. DO NOT ATTEMPT TO CROSS AREAS WHERE WATER OF UNKNOWN  
DEPTH COVERS THE ROAD.

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## Flood Statement – Advisories (continued)

**Example #2 – Arroyo and Small Stream Advisory.** Situation - A forecaster at WFO Albuquerque observes an area of thunderstorms moving into Sandoval County in New Mexico. Based on experience with numerous similar storm complexes, the forecaster decides that the likely hydrologic response would not rise to a level warranting a flood or flash flood warning, but instead issues an arroyo and small streams flood advisory to heighten the level of public awareness in the area. “Arroyo and small stream” is used in the advisory title because it more accurately captures the type of stream channels in the area.

WGUS85 KABQ 072300  
FLSABQ

FLOOD STATEMENT  
NATIONAL WEATHER SERVICE ALBUQUERQUE NM  
500 PM MDT TUE OCT 7 2003

NMC043-080100-  
/O.NEW.KABQ.FL.Y.0014.031007T2300Z-031008T0100Z/  
/O.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/  
SANDOVAL  
500 PM MDT TUE OCT 7 2003

...ARROYO AND SMALL STREAM FLOOD ADVISORY IN EFFECT UNTIL 700 PM MDT  
TUESDAY...

THE NATIONAL WEATHER SERVICE IN ALBUQUERQUE HAS ISSUED AN

\* ARROYO AND SMALL STREAM FLOOD ADVISORY FOR SOUTHERN SANDOVAL COUNTY  
IN NORTH CENTRAL NEW MEXICO

\* UNTIL 700 PM MDT TUESDAY

\* AT 453 PM MDT NATIONAL WEATHER SERVICE DOPPLER RADAR INDICATED  
WIDESPREAD MODERATE RAIN OVER SOUTHERN SANDOVAL COUNTY WITH POCKETS  
OF HEAVY RAIN FROM SAN YSIDRO EXTENDING SOUTHWEST INTO BERNALILLO  
AND CIBOLA COUNTIES. THIS LARGE AREA OF RAIN IS MOVING NORTH TO  
NORTHEAST AT 15 TO 20 MPH AND WILL OVERSPREAD MUCH OF SANDOVAL  
COUNTY THROUGH 700 PM.

\* ADDITIONAL RAINFALL AMOUNTS UP TO ONE HALF INCH WILL CONTINUE TO  
CAUSE RISES IN SMALL STREAMS AND NORMALLY DRY ARROYOS...AND COULD  
CREATE DANGEROUS FLOWS OVER LOW WATER CROSSINGS.

HEAVY RAINFALL MAY CAUSE ARROYOS AND SMALL STREAMS TO SPILL OVER  
THEIR BANKS...RESULTING IN FLOODING OF LOW LYING AREAS AND ROAD  
INTERSECTIONS. DO NOT ATTEMPT TO DRIVE THROUGH THESE WATERS. WATER  
IN ARROYOS MAY TRAVEL MANY MILES AND TAKE HOURS TO REACH YOUR LOCATION  
FROM UPSTREAM RAIN AREAS

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## Flood Statement – Advisories (continued)

**Example #3 - Small Stream Flood Advisory.** Situation – This product is the seventh in a series of flood watches, flood warnings, flood advisories, and flood statements that was issued for a hydrologic event in the WFO Portland, OR hydrologic service area. This product covers a portion of the area where waters were reported over several roadways, but didn't reach a level warranting issuance of a flood warning.

WGUS86 KPQR 150315  
FLSPQR

FLOOD STATEMENT  
NATIONAL WEATHER SERVICE PORTLAND OR  
715 PM PST WED NOV 14 2001

...NW OREGON/SW WASHINGTON COASTAL BASINS BULLETIN NO. 7...

WAC049-069-150700-  
/O.CON.KPQR.FL.Y.0054.011113T0315Z-011115T1400Z/  
/O.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/  
PACIFIC-WAHKIAKUM-  
715 PM PST WED NOV 14 2001

...SMALL STREAM FLOOD ADVISORY REMAINS IN EFFECT UNTIL 600 AM PST  
THURSDAY...

THE SMALL STREAM FLOOD ADVISORY CONTINUES FOR

- \* PACIFIC AND WAHAKIAKUM COUNTIES IN SOUTHWEST WASHINGTON
- \* UNTIL 600 AM CDT THURSDAY
- \* AT 715 PM PST...EMERGENCY OFFICIALS INDICATE WATER IS STILL OVER  
SEVERAL ROADWAYS IN PACIFIC AND WAHAKIAKUM COUNTIES.
- \* RUNOFF FROM PREVIOUS HEAVY RAINFALL OVER THE AREA WILL CONTINUE TO  
POSE FLOODING PROBLEMS ON SMALL STREAMS...CREEKS AND RIVERS IN  
THESE AREAS.

MOTORISTS SHOULD USE EXTREME CAUTION WHEN TRAVELING IN THESE AREAS.  
DO NOT ATTEMPT TO CROSS AREAS WHERE WATER OF UNKNOWN DEPTH COVERS  
THE ROAD.

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## Flood Statement – Advisories (continued)

### Example #4 - Hydrologic Advisory for Elevated River Levels Caused By Ice Jams.

Situation – A forecaster receives a report of ice jams on two rivers. From observer reports, the ice jams are not causing inundations which reach flood levels, so he decides to issue a hydrologic advisory to elevate public awareness of the unusual hydrologic activity.

WGUS81 KCAR 212115  
FLSCAR

FLOOD STATEMENT  
NATIONAL WEATHER SERVICE CARIBOU ME  
515 PM EDT MON APR 21 2003

MEC003-222100-  
/O.NEW.KCAR.FL.Y.0004.030421T2115Z-030424T2100Z/  
/O.IJ.000000T0000Z.000000T0000Z.000000T0000Z.OO/  
AROOSTOOK  
515 PM EDT MON APR 21 2003

...HYDROLOGIC ADVISORY IN EFFECT UNTIL 500 PM THURSDAY...

THE NATIONAL WEATHER SERVICE IN CARIBOU HAS ISSUED A

- \* HYDROLOGIC ADVISORY FOR ICE JAMS ON THE AROOSTOOK AND SAINT JOHN RIVERS
- \* UNTIL 500 PM THURSDAY
- \* TWO ICE JAMS WERE OBSERVED ON THE AROOSTOOK RIVER...AND ONE ICE JAM WAS REPORTED ON THE SAINT JOHN RIVER IN NORTHEAST AROOSTOOK COUNTY MONDAY.

ON THE AROOSTOOK RIVER...THE FIRST JAM WAS DOWNSTREAM OF THE VILLAGE OF CROUSEVILLE ON STATE ROUTE 164 BETWEEN THE TOWNS OF WASHBURN AND PRESQUE ISLE. THIS JAM APPEARED TO HAVE BROKEN IN HALF OVER THE PAST 24 HOURS...SENDING THE DOWNSTREAM FLOW OF ICE SOUTHEAST THROUGH THE TOWN OF PRESQUE ISLE LATE MONDAY AFTERNOON. THIS JAM...COMBINED WITH THE SNOWMELT RUNOFF...IS CAUSING THE RIVER TO BACKUP INTO LOW LYING AREAS OF THE FLOODPLAIN...BUT DOES NOT SEEM TO BE THREATENING ANY ROADS OR PROPERTY AT THIS TIME.

ON THE AROOSTOOK RIVER...NEAR THE TOWN OF FORT FAIRFIELD...AN ICE JAM HAS FORMED IN THE RUSSELL FLATS AREA APPROXIMATELY TWO MILES DOWNSTREAM OF THE FORT FAIRFIELD BRIDGE...WHERE THE AROOSTOOK RIVER FLOWS INTO NEW BRUNSWICK. THIS JAM IS CAUSING THE RIVER TO RISE BEHIND THE JAM...BUT DOES NOT SEEM TO BE THREATENING AT THIS TIME.

ON THE SAINT JOHN RIVER...A RIVER SPOTTER HAS REPORTED AN ICE JAM FIVE TO SIX MILES DOWNSTREAM OF THE INTERNATIONAL BRIDGE IN VAN BUREN...WHERE THE ICE FLOE HAS RUN INTO THE STILL STRONG SHEET OF RIVER ICE. THIS RIVER SPOTTER ALSO NOTED THAT DOWNSTREAM OF THIS JAM THE SAINT JOHN RIVER APPEARED TO BE FREE OF ICE.

RIVER ICE IS VERY UNPREDICTABLE...AND MAY MOVE AND JAM WITH LITTLE NOTICE. ANY ICE JAM CAN CAUSE FLOODING...AS THE ICE DAMS THE RIVER... CAUSING THE RIVER AT OR BEHIND THE JAM TO ELEVATE. STAY CLEAR OF LOW LYING AREAS NEAR ICE AFFECTED RIVERS AND MONITOR CONDITIONS CLOSELY.

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