

HYDROLOGIC OUTLOOK  
NATIONAL WEATHER SERVICE FLAGSTAFF AZ  
1215 PM MST SUN JUL 18 2010

...SCHULTZ FIRE BURN AREA INCREASES RISK OF FLASH FLOODING THROUGH  
THE WEEK JUL 18 THROUGH JULY 23...

IN THE AFTERMATH OF THE SCHULTZ FIRE...THE BURNED AREA AND THE AREA EXTENDING  
EASTWARD TO HIGHWAY 89 IS MORE SUSCEPTIBLE TO FLASH FLOODING AND DEBRIS FLOWS.  
THIS INCLUDES THE HUTCHINSON ACRES AND TIMBERLINE NEIGHBORHOODS. RISES IN  
WATER LEVELS DURING SUCH EVENTS MAY OCCUR MORE RAPIDLY AND MAY BE  
SIGNIFICANTLY GREATER THAN THOSE PRODUCED PRIOR TO THE FIRE. THE GREATEST  
POTENTIAL FOR FLASH FLOODS AND DEBRIS FLOWS WILL LIKELY BE IN AND NEAR THE  
MINOR DRAINAGES EXTENDING EASTWARD FROM THE BURN.

A SHORT PERIOD OF MODERATE RAINFALL ON A BURNED WATERSHED CAN LEAD TO FLASH  
FLOODS OR DEBRIS FLOWS. RAINFALL THAT IS NORMALLY ABSORBED CAN RUN OFF  
EXTREMELY QUICKLY AFTER SOILS AND VEGETATION HAVE BEEN CHARRED.  
CONSEQUENTLY...RUNOFF WILL BE GREATER AND MORE RAPID THAN PRIOR TO THE FIRE.  
FLOOD WATERS CAN PICK UP LARGE AMOUNTS OF ASH...SAND...SILT...ROCKS...AND  
REMNANTS OF VEGETATION. THE FORCE OF RUSHING WATER AND DEBRIS CAN DAMAGE OR  
DESTROY CULVERTS...BRIDGES...ROADWAYS...AND IN SOME CASES BUILDINGS...  
POTENTIALLY CAUSING INJURY OR DEATH.

RESIDENTS IN FLOOD PRONE AREAS BETWEEN THE BURN AREA AND HIGHWAY 89 SHOULD  
HAVE AN EMERGENCY KIT AND A PLAN TO EVACUATE. IF ROADS ARE BLOCKED OR IT IS  
UNSAFE TO EVACUATE /DUE TO FLASH FLOODING...DEBRIS FLOWS...HEAVY RAIN...OR  
POOR VISIBILITY/ IT IS BEST TO SHELTER IN PLACE IN A STURDY STRUCTURE. CALL  
911 IF YOU ARE CAUGHT IN A FLASH FLOOD OR DEBRIS FLOW. IF YOU ARE IN A  
VEHICLE...DO NOT DRIVE INTO FLOOD WATERS OR DEBRIS FLOWS.

WHEN THE NATIONAL WEATHER SERVICE ISSUES A FLASH FLOOD WATCH FOR THE SCHULTZ  
BURN AREA...IT MEANS THAT FLASH FLOODING IS POSSIBLE IN YOUR AREA. YOU SHOULD  
START PLANNING FOR POSSIBLE EVACUATION IF YOUR AREA IS PRONE TO FLASH  
FLOODING.

WHEN THE NATIONAL WEATHER SERVICE ISSUES A FLASH FLOOD WARNING FOR THE SCHULTZ  
BURN AREA...IT MEANS THAT FLASH FLOODING IS ALREADY OCCURRING OR WILL OCCUR  
VERY SOON. DO NOT DELAY TAKING PROTECTIVE MEASURES EVEN IF RAINFALL IS LIGHT  
AT YOUR LOCATION. ONCE RAINFALL BECOMES HEAVY...EVACUATION ROUTES MAY BECOME  
IMPASSIBLE.

IF YOU HAVE ANY QUESTIONS RELATED TO THE CONTENT OF THIS PRODUCT...PLEASE  
CONTACT

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TC/GFH  
VISIT WEATHER.GOV/FLAGSTAFF FOR OFFICIAL WARNINGS AND FORECASTS.