FIRE ENVIRONMENT FORECAST

FORECAST NUMBER: 44
FIRE NAME: MNICS Statewide Forecast
DATE ISSUED: 09/06/22
UNIT: MN-MNCC

TYPE OF FIRE: Initial Attack
OPERATIONAL PERIOD: 9/6 – 9/8
TIME ISSUED: 0900
SIGNED: Travis Verdegan
Typed/printed: Travis Verdegan

INPUTS

WEATHER SUMMARY:

We’ve strung together a solid week or more of little to no precip across the state with consistent day to day sunny skies.

For the next few days, we look to just keep right on repeating the above-mentioned pattern. Some chances for precip start to show up by the end of the week, but its looking light and favoring the eastern side of the state.

Temps this week looks to stay primarily in the 80s. By the end of the week, we could see temps drop down significantly on the backside of a cold frontal passage.

Southerly winds starting light and picking up in speed from day to day will be the story at least till Thursday, then a shift is expected to end the week.

RH looks to repeat its pattern of moderate (40s to 50s) minimums today than breaking pattern drop off significantly for Wednesday when we will see 30s most commonly and a few 20s wouldn’t be too surprising.

Haines Index: 4 – 6

OUTPUTS

FIRE ENVIRONMENT GENERAL:

Despite building conditions over the last week reported fire activity has remained on the light side. The chances of this continuing get lower and lower with each passing day with out precip.

Low RHs tomorrow are likely to bring about a spike in occurrence while higher winds on Thursday may push the potential for spread to a level rarely seen during the summer.

Not surprisingly fire behavior reports have been scarce, but consider reporting on local fuel conditions especially the state of ag crops near you.

Fire behavior predictions below are most representative of what we may expect on Thursday.

Fine Dead Fuel Moisture: 6% Unshaded – 9% Shaded
Prob. of Ignition: 60% Unshaded – 35% Shaded

Note: This is a general fire behavior forecast for the state of Minnesota. It is designed to provide wildland fire managers with an overall geographic area view of fire behavior potential and to help wildland firefighters with the fire order “initiate all actions based on current and expected fire behavior”. Firefighters must use onsite observations and spot weather forecasts to calculate site-specific fire behavior for individual wildland fires. Fire behavior spread rates describe only surface fire conditions and do not factor crowning or spotting.
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