

May 30, 2019

3:00 p.m.

Missouri River Update

Change in Releases to 75,000 CFS

The National Weather Service (NWS) has updated its projected river stage at Sioux City from the 29.4 posted yesterday to 30.5 feet. This projection was issued at 10:13 am this morning.

<https://water.weather.gov/ahps2/hydrograph.php?wfo=fsd&gage=sscn1>

This projection shows the 30.5 River stage hitting on Sunday and includes the increase to 75,000 cfs from Gavin's Point. This should result in Missouri River water surface elevations in the 1090 to 1091.5. In previous updates, we've compared this to the March event, but now it looks like this may exceed it. We've have configure our protection to 1092. The Big Sioux River stage projection has also increased to 33.4 which will equate to an elevation of about 1091. Levee elevation is 1098. While these elevations are still within our protection parameters, it appears the water elevations will be higher than we saw in March.

We will continue to get survey data of water surface elevations as the river goes up to update and/or validate our projected water surface elevations

While you will have read these next two paragraphs in previous updates, it is even more important that you prepare. Dakota Dunes Community Improvement District is asking residents and commercial customers to minimize water and sanitary sewer consumption during this event to help preserve water and sewer utility. Water production numbers indicated significant irrigation is occurring. Please limit irrigation to new sod. Also, please help by plugging all lower level drain pipes and make sure your sump pump is discharging outside the home. **Do not discharge sump pumps into the sanitary sewer.** In the event of sewer inundations, plugging floor drains may help keep sewers from backing up into the basement. In the limited time until the rivers peak, you may consider moving furniture or valuables to upper levels.

With these elevations being so close to the top of our protection, property owners would be wise to prepare your property so you can evacuate on short notice. Also, as with most flood events, conditions change rapidly. Additional measures may have to be taken to close off sanitary sewers in low lying areas to help preserve the system as a whole. This is based on the information currently available and will provide updates as things change.

Dakota Dunes Community improvement District, Board of Supervisors

CONFIDENTIALITY NOTICE: This e-mail (including attachments) is covered by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521, is confidential and may be legally privileged. If you are not the intended recipient, you are hereby notified that any retention, dissemination, distribution, or copying of this communication is strictly prohibited.