

May 29, 2019

3:00 p.m.

## Missouri River Update

### Change in Releases to 75,000 CFS

The Corps of Engineers has increased releases from Gavin's Point Dam from 65,000 to 70,000 cfs today at noon as was mentioned in the last update. These releases and the flows from the James, Vermillion and Big Sioux Rivers has created a projected river stage of 29.4 (up .3 from yesterday's update. According to the National Weather Service projection issued at 10:08 am this morning.

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

This projection shows the peak starting Thursday and receding on Saturday. This should result in Missouri River water surface elevations in the 1089 to 1090; very near to what we saw in March. One exception may be the ground water has been and will continue to be high. During the March event, the ground was still frozen so ground water was not an issue. The Big Sioux River is expected to peak about the same time with water surface elevation of 1087 (River stage at NSC 30.6.) At this time, we believe the projections are manageable. We have taken precautions to shore up our lower areas and are setting pumps for storm water.

However, the Corps has indicated that they will increase releases again on Saturday from 70,000 cfs to 75,000 cfs due to the continual rise at the Oahe, Fort Randall and Gavin's Point dams and would expect the 75,000 cfs to last for the foreseeable future. The additional 5,000 cfs from Gavin's Point would begin to affect the gauge at Sioux City on Sunday. Hopefully, by this time, we will see a corresponding decrease in some of the tributary flows. We will have to assess this impact as more information becomes available as future runoff materializes.

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 provided 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.