

Contact: Joan Racki

IOWA STATE UNIVERSITY FLOOD/STORM RECOVERY

Action Requested: Receive the report on University flood recovery activities to date.

Executive Summary: During the week of August 8, 2010, substantial rain fell in the Ames area. Beginning on the evening of August 10, 2010, and continuing into August 11, 2010, Squaw Creek, which travels through the campus, and the Skunk River to the east created significant flooding to a number of Iowa State University facilities. The floodwaters directly affected 17 structures/sites on the campus; an additional 42 structures received water damage from backed up storm sewers and high surface water flows on campus areas far removed from Squaw Creek.

Attached is a spreadsheet, prepared by the University, which details expenses and anticipated funding for the damage from the 2010 storms and flooding, which occurred from June 1, 2010 – August 31, 2010. Also attached is a report provided to the Legislative Services Agency on the 2010 storms and flood recovery.

Iowa State University Vice President for Business and Finance Warren Madden will provide at the October 2011 Board meeting a report on University flood activities to date.

IOWA STATE UNIVERSITY
Flood Recovery Expenses and Anticipated Funding

DR 1930 - 2010 Storm and Flooding
June 1, 2010 through August 31, 2010

	<u>Actuals</u>	<u>Encumbrances</u>	<u>Total</u>
Disaster, Mitigation, and Admin Expenses (6/30/2011)	\$38,784,111.33	\$2,791,721.07	\$41,575,832.40

	<u>Insurance</u>	<u>FEMA</u>	<u>DOT</u>	<u>Other Proceeds</u>	<u>Total</u>
Disaster Funding (6/30/2011)	\$6,074,087.05	\$257,405.84	\$67,522.75	\$25,234.69	\$6,399,015.64

**IOWA STATE UNIVERSITY
2010 Storms and Flood Recovery
October 2011 Report
(Report to Legislative Services Agency)**

BACKGROUND

During the federally declared disaster period, June 1, 2010, through August 31, 2010, Iowa State University experienced severe wind and rain storms and flooding. On July 18, 2010, high velocity winds damaged a significant number of trees and several campus structures, as well as research farms. During the disaster period, ISU received over 31 inches of rain. On August 8, 9, and 10, 2010, the Ames area received a significant amount of rainfall. The final rain event included at least 3.5 inches of rain in a forty minute period. The high intensity rain on top of the previous two days of rain resulted in an unprecedented Squaw Creek flood event in the area. The resulting 18.13 foot crest inundated campus facilities that had not been directly affected by flood waters since 1993.

The storms and flooding impacted at least 95 campus facilities and assets (on and off campus), 98 various land sites (parking lots, fields, streets, golf courses, and embankments), numerous farms and research animals, as well as Lakeside Lab. Over 500 trees were damaged by the July storms.

CURRENT STATUS

One year later, ISU has repaired all but one structure and dry flood proofed both Hilton Coliseum and the Scheman Building. Both Hilton and Scheman were operational November 2010. The University plans to replace that one structure, the Veenker Golf Course maintenance shed, on higher grounds so that future floods will not impact it. During the process of reconstruction, the University took the opportunity to make approximately \$2.5 million in net improvements (not reimbursable by FEMA or insurance).

FEMA representatives held their kick-off meeting on August 31, 2010, (the last day of the disaster period as well as the last day of substantial rainfall that again impacted numerous campus buildings) and worked on campus through January 2011. While ISU had a high number of damaged facilities, not all buildings had significant damage. FEMA allowed ISU to consolidate numerous buildings sites within the FEMA claims. ISU submitted a total of 58 FEMA project worksheets (damage claims). Based on a FEMA disaster specific letter for ISU, FEMA officials left prior to the completion of all claims. State of Iowa officials, on behalf of FEMA, worked with Iowa State University to complete those damage claims.

On Wednesday, October 12, 2011, thirty-three damage claims were presented to FEMA representatives. FEMA representatives indicated that once the claims are reviewed by FEMA specialists, they will be processed promptly. The FEMA specialists reviewed the claims with the state and on campus October 12, 13, and 14, 2011. ISU submitted FEMA damage claims totaling \$26.2 million, with an additional \$1.7 million of proposed hazard mitigation plans including dry flood proofing, stop log systems, and second floor homing devices for elevators. These costs do not include disaster related amounts incurred by the university that are not reimbursable by FEMA.

Iowa State University, in conjunction with FEMA and state representatives, identified additional mitigation strategies to prevent similar losses in the future. Unfortunately, funding for these strategies must be submitted to FEMA through a separate process. Estimated costs for these mitigations are about \$2.6 million.

PAYMENTS/RECEIVABLES

Of the initial damage claims submitted, FEMA processed and paid \$257,405. Several others were put on hold pending the resubmissions.

Through October 1, 2011, ISU has collected flood insurance proceeds of \$7,802,127 and business interruption reimbursements of \$1,744,926.

INSURANCE

Based on ISU's planned mitigations, the university successfully renegotiated flood re-insurance prior to the flooding season of 2011.

Based on information received from FEMA, ISU will be responsible for obtaining additional insurance coverages. The increased cost of this additional required insurance is unknown.