

Sustainability of a Robust Technology Infrastructure During Hurricane Harvey

August 25, 2017 - September 11, 2017

Date	Day of the Week	Hurricane Harvey Wind Flood Notes	Connections to Campuses	Backup Connections to Campuses	Campus Network Closets	Campus Network Stacks	Campus Network Switches	Data Center 2 (Tier 2)	Data Center 3 (Tier 3)	Data Center 4 (Tier 4)
9/11/2017	Monday	Students returned for 2017-2018 School Year	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/8/2017	Friday	Staff prepare for 2017-2018 School Year	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/7/2017	Thursday	Staff returned to work after hurricane Harvey	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/6/2017	Wednesday	All Systems Available	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/5/2017	Tuesday	All Systems Available	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/4/2017	Monday (Labor Day)	All Systems Available	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/3/2017	Sunday	All Systems Available	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/2/2017	Saturday	Reconnected Moore Elementary	99.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
9/1/2017	Friday	Relocated Moore Elementary	99.1%	100.0%	98.8%	99.0%	99.1%	100.0%	100.0%	100.0%
8/31/2017	Thursday	Flooding Subsided - Lost Moore Elementary	99.1%	100.0%	98.6%	98.9%	98.9%	100.0%	100.0%	100.0%
8/30/2017	Wednesday	Flooding Continued	99.1%	100.0%	97.8%	98.3%	98.5%	100.0%	100.0%	100.0%
8/29/2017	Tuesday	Flooding Continued	99.1%	100.0%	96.2%	96.6%	96.8%	100.0%	100.0%	100.0%
8/28/2017	Monday	Flooding Continued	100.0%	100.0%	99.4%	99.4%	99.3%	100.0%	100.0%	100.0%
8/27/2017	Sunday	Hurricane Harvey flooding started	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
8/26/2017	Saturday	Hurricane Harvey hit	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
8/25/2017	Friday	Last summer work day	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		Average System Availability During Floods	99.3%	100.0%	99.3%	99.4%	99.5%	100.0%	100.0%	100.0%
Total numbers of campuses, network closets, network electronics and Data Centers			109	109	504	700	2249	1	1	1