

**Master Scenario Events List (MSEL) for
Cornstalk Festival Storm
Full Scale Exercise
July 6, 2019**

On the morning of July 7, 2019, the Storm Prediction Center updated its Day 1 Convective Outlook to include an Elevated Risk for severe thunderstorms across eastern South Dakota through 0700 July 7th.

INTRODUCTION

Scenario Summary

The Scenario utilized for this exercise is based on a severe thunderstorm rolling in on an outdoor concert with several thousand attendees. The show director will stop the show, requesting everyone leave in an orderly fashion. A shelter will be opened at the Corn Palace, and the Director will determine if and when the show will resume. Several in attendance are not from the area, so the shelter is bombarded with people. Several agencies (EM, Search and Rescue, MPD & EMS, Sheriff’s Office, and SDHP) assist in the mass evacuation, ensuring all exit the facility and either head for home, or take shelter at the Corn Palace. Upon exiting, the wind picks up, and it begins to rain/hail. Several people are trampled in the dirt, resulting in 10-12 serious injuries resulting in a mass casualty incident for EMS/Avera and two fatal injuries. Several calls are received by the 911 Center, overloading the system. Mitchell EMS will transport the injured to the hospital, overloading the ER. As the vehicles leave the parking lot, a crash occurs, which spills a large amount of fuel in the dirt.

Responders/participants include Davison County Emergency Management, Davison County Search & Rescue, Davison County Sheriff’s Office, National Weather Service, Mitchell Corn Palace, Mitchell Department of Public Safety (PD/FD/EMS), SDHP, Avera Queen of Peace, and Davison County Coroner’s Office, and the State Office of Emergency Management.

Master Scenario Events List (MSEL)

Inject #	Inject Time	Inject Origin (From)	Inject Destination (To)	Inject Description	Expected Action
1	0800	NWS	EM/SAR	STARTEX-The Storm Prediction Center updates its Day 1 Convective Outlook to include an Elevated Risk for severe thunderstorms across eastern South Dakota through 0700 July 7 th .	Participants prepare for the day.
2	0830	EM/SAR	EM/SAR	2-Corn Palace Director requests Emergency Management/Search and Rescue assistance, due to having 5,000 people at an	Search & Rescue/EM prepare to set up the Mobile Emergency Operations Center at the Rodeo grounds. As this is a 4-day holiday weekend, resources are

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				outdoor event and recent severe weather.	limited.
3	1030	EM/SAR	EM/SAR & NWS.	3-EM/SAR stage equipment/MEOC. NWS informed.	EM/SAR set up the MEOC, Entrance Tent, etc. The plan is to triage any participants in the tent, with the Ambulance on stand-by for transport.
4	1300	NWS	EM/SAR & NWS.	4-Storm Prediction Center issues a Severe Thunderstorm Watch for Central and Eastern South Dakota through 2200 on July 6 th .	8-2 sends out a message via eDispatch informing EM/SAR of the watch, which triggers a preparation for storm spotting.
5	1300	CP Director	Participants	Gates Open	CP staff prepare for event.
6	1400	CP Director	Employees	Employees on site	Employees arrive and prepare for participants.
7	1600	CP Director	Participants	Show starts	Participants enjoy the show.
8	1700	NWS	EM/SAR, Employees & Participants	5-A large Severe Thunderstorm with high winds and large hail occurs 12 miles southwest of Mt. Vernon. A Severe Thunderstorm Warning is issued for areas downstream of the report for 70 MPH winds and golf ball sized hail until 1800. The warning includes the city of Mitchell.	Participants begin to look to the sky. Some leave, but the majority remain at the show.
9	1707	NWS	8-2 Dispatch	NWS (Peter) notifies 8-2 Dispatch of a Severe Thunderstorm with high winds/large hail 12 miles SW of Mt. Vernon.	8-2 notifies storm spotters via eDispatch. MV FD notified @ 1712. MFD notified @ 1714. EM1 notified by phone @ 1717. Sheriff's Office notified @ 1719. (NOTE: In a real-life situation, once the warning was issued the PD/CP Director would call the show and

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					evacuate the participants).
10	1715	NWS	EM/SAR, Employees & Participants	6-Strong winds begin to blow dirt and tree branches at the rodeo grounds.	Participants begin to scramble for the parking lot. Many are unsure where to go, as they are not from Mitchell.
11	1745	NWS	8-2, EM	Funnel Cloud reported 5 miles south of Mitchell.	Tornado Warning issued by the NWS until 1830, with winds at 70 MPH and golf ball sized hail possible. PD/CP Director determine it is time to evacuate.
12	1751	8-2	EM	8-2 notifies EM1 of the Tornado Warning.	EM1 has already been in contact with PD/CP Director when they determined it was time to evacuate. Coordination begins to get participants and vehicles out in a safe manner.
Pause	Pause	Pause	Pause	Pause	Pause
13	1916	CP Director	EM/SAR, Employees & Participants	7-The Corn Palace Director will stop the show, requesting everyone leave in an orderly fashion. The Corn Palace is opened as a shelter. Mass evacuation begins. Heavy rain/hail begins.	Participants continue to head to the parking lot for their vehicles.
14	1917	EM1	8-2	EM1 notified 8-2 Dispatch we are sending participants to the Corn Palace, which is the designated shelter.	Participants leave in an orderly fashion and make it to the shelter.
15	1921	CP Director	EM/SAR, Employees & Participants	Several people are trampled in the dirt, resulting in 10-12 serious injuries and two fatal. Transport to Avera Brady. The 911 Center is overloaded.	Participants continue to head to the parking lot for their vehicles. Several are trampled in the mud and chaos. Large hail is hitting participants, causing injuries. EMS begins to triage and transport the injured. Two are fatal. EM1 requests ambulances for 10-12 patients.

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16	1922	8-2	EMS	8-2 Dispatches all available ambulances.	It was expected to dispatch the ambulances to the rodeo grounds. However, they were dispatched to the fair grounds. This was quickly corrected by the Assistant Fire Chief.
17	1925	EM	EM/SAR, Employees & Participants	8-As the vehicles leave the parking lot, a crash occurs, which spills a large amount of fuel in the dirt.	EMS addresses the injured. EM addresses the fuel spill.
18	1923	Controller	ER	The Emergency Department becomes overloaded	The Emergency Department triages patients as they enter, calling in all on call personnel.
19	1925	8-2	On Call Staff	8-2 Dispatch sends out a page for a 2 nd Alarm.	The 2 nd Alarm triggers all available personnel report to the station. Message was heard via radio and received via eDispatch.
20	1927	EM1	Coroner	Request Coroner	The County Coroner (Bart) is called. He will send two vehicles to transport the deceased.
21	1928	EM	Duty Officer	9-EM calls the duty officer.	EM calls the duty officer. After hours, so left message. At 1930 the Duty Officer (Jonathan) returned the call. EM1 reports incident to include injured, fatalities, mass evacuation, and fuel spill.
22	1940	Coroner/CP Director	Deceased	10-Coroner arrives to retrieve the bodies.	Coroner accepts the bodies.
23	2000	NWS/CP Director	Participants	11-The storm passes, and the CP Director directs the show to continue	CP Director gives a short prayer for the deceased and the band plays on....
24	2015	Evaluators, participants, ICS staff and	Players	Hot wash	Good conversation on how the event went, and any issues to

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		key players			address.
25	2030	CP Director	Participants	Final act of the show begins	Participants continue to enjoy the show.
26	2200	CP Director	Participants	Show ends	Participants leave the event.
Pause	Pause until 7-9-19	Pause	Pause	Pause	Pause
27	1458	EMS	Emergency Department	Notification of incoming patients.	ED prepares for patients.
28	1501	Avera Controller	ED	Incoming with multiple injuries, unknown number or severity.	Avera Queen of Peace activates the Emergency Response Plan.
29	1505	Real Life Incident	Real Life Incident	Real Life Incident-Two Ambulances arrived at the ED, so a pause had to take place.	Real Life Incident-Two Ambulances arrived at the ED, so a pause had to take place.
30	1520	Avera Controller	ED	Resumed arrival of victims.	Emergency Department triages victims. Some patients were transferred to a higher level of care with coordination from the Avera Transfer Center and e-ED.
31	1550	Avera Controller	ED	Last victim arrives.	A total of 16 victims arrive at the hospital, 15 by ambulance and 1 self-transport.
32	1610	Avera Controller	ED	All Clear called.	Avera resumes normal operations.
33	1620	Avera Controller	All staff	Hotwash.	Good conversation on how the event went, and any issues to address.