Location	Data and Unusual Weather Phenomena September 200 Time Path Path Number of Estimated September 200 Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm								
MICHIGAN, East									
Dakland County White Lake to Rochester Hills	101400EST00750KHeavy RainA tropical airmass was in place in southeast Michigan. Scattered thunderstorms developed in the afternoon, with several storm moving repeatedly over central and eastern Oakland County. The National Weather Service Office in White Lake measured 2.3 inches of rain; Pontiac received closer to 3 inches.								
	Most of the area could handle the rain, as it had been fairly dry in the area since late August. However, the heaviest rain fell a exactly the wrong time, in exactly the wrong place. At the Pontiac Silverdome, the Detroit Lions were hosting their home opener for the new NFL season, with a game time of 4 pm against the Washington Redskins. The deluge hit in the one to two hours befor kickoff, just as over 80,000 attendees were making their way to the east side of Pontiac for the game.								
	The Silverdome rests in the valley of the Clinton River, and the area is known to be flood-prone. The city wastewater treatmen plant sits almost next door to the Silverdome. A pump failure at the plant during the heavy rain contributed to standing wate surrounding much of the Silverdome. Hundreds of fans had to abandon their vehicles and wade their way into the stadium. The tunnel entrance to the playing field also flooded. The large amount of flood damage in vehicles in and around the Silverdome prompted a Presidential Disaster Declaration.								
	Problems were more isolated in the rest of Oakland County. A small creek in Commerce Township, in a newly developed area, ros out of its banks. Roads, back yards, and a golf course were flooded. A drainage problem led to water two feet deep over som streets in a Lake Orion subdivision. Other communities impacted included Waterford, Farmington Hills, West Bloomfield, an Auburn Hills. The heavy rain would also set the stage for serious flooding the next day								
Conosco County									
Genesee County Flint	111525EST0112KThunderstorm Wind (G50)A tree was downed onto a car on Russell Avenue near Summit Street.A woman at scene suffered a cut to her arm, necessitating trip to the hospital.								
Dakland County Milford	11 1630EST 0 0 10K Lightning The 911 phone system at the Milford Police Department was zapped by lightning, causing substantial damage to electron equipment. 0 0 10K								
Lenawee County Adrian	11 1710EST 2245EST 0 0 15K Flood Low lying intersections in Adrian flooded rapidly. vehicles. Water was high on many streets in the city, flooding and damaging sever vehicles.								
Wayne County Belleville to Wyandotte	11 121718EST 0420EST0020MFloodWidespread, severe urban flooding resulted in a Presidential Disaster Declaration for Wayne County. The communities more severely affected included Allen Park, Dearborn, Dearborn Heights, Ecorse, Lincoln Park, Melvindale, Riverview, Southgat Taylor, Van Buren Township, Wyandotte, and Wayne. Over 15,000 residences and other structures in Wayne County suffered least some flood damage. Individual communities tallies included: 2700 homes in Allen Park, at least 500 in Lincoln Park, 2200 Southgate, and 8000 in Wyandotte. In Allen Park, an estimated 40% of all streets flooded at some point during the ever Underpasses flooded in Dearborn and Dearborn, and street flooding was widespread, especially near Ecorse Creek. The Southflie								



National Weather Service Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	oer of sons Injured	Estim Dan Property	ated nage Crops	S Character of Storm	eptember 2000
MICHIGAN, East										
	was al home Metrop of wat	so widespread. In in Riverview ha politan Airport; nu	Riverview, s d its basend merous moto reet in Wyand	street flooding ent collapse. rists had to b dotte. The G	g was again The Ro be rescued f	widesprea mulus are rom their s	ad, with wa a saws nu stalled and s	ter approa merous ro tranded ve	ching the doorsteps bads flood, especia chicles between 6 an	and street flooding of some homes. A ally around Detroit ad 8 pm. Three feet y damage in Wayne
Oakland County					0	0	1077			
Waterford to Rochester Hills	11	1740EST 2245EST			0	0	10K		Flood	
	heavy		e, flooding de	eveloped quid	ckly. The u	pper reach	ies of the C	linton Riv	er exceeded its ban	l through from very ks in Waterford and
Macomb County										
Warren	0	0 0				0		1	Lightning One boy close to the ecautionary reason	e strike was thrown s
Washtenaw County										
Ann Arbor to Ypsilanti	11	1810EST 2245EST			0	0	40K		Flood	
, poliulu	floodir water	levels in Ford Lal ng in the city of Y	psilanti was v and Washter	videspread. Anaw Avenue.	Ann Arbor The heavy	had numer 7 rain indir	ous stalled ectly contri	cars and fl	ooded intersections	. In addition, street , including a foot of nale pedestrian was

A warm and muggy airmass persisted over southeast Michigan. A complex of thunderstorms moved east across northern Michigan in the early morning hours. Outflow from this thunderstorm complex moved south into southeast Michigan as a miniature cold front, and thunderstorms redeveloped along the leading edge of this outflow in the afternoon. Meanwhile, thunderstorms also developed in northeast Indiana, along the edge of a deck of low clouds. These separate areas of thunderstorms would merge over Metro Detroit in the late afternoon and early evening, producing tremendous amounts of rain. Many places had seen heavy rain the day before, and thus the area was quite vulnerable to flooding

At Detroit Metro Airport, 3.71 inches of rain fell on the 11th. This was the wettest September day ever in Detroit, and the 5th wettest day of all time. This was on top of the 1.65 inches that fell the day before. National Weather Service radar estimated around 5 inches of rain fell on the 11th in a swath from Brownstown Township to Allen Park in Wayne County. In Washtenaw County, 2.26 inches of rain fell in Ann Arbor, after 1.32 inches the previous day.

The storms had a broad impact. Over 30,000 households were affected by power outages. About one hundred flights out of Detroit Metro Airport were cancelled, and numerous people were stranded at the airport overnight due to the multitude of flooded roads in the area. A collision on Interstate 94 in Harrison Township (Macomb County) during a downpour closed the highway for two hours. Sewage overflows were common in Wayne County, as the water treatment system was quickly overwhelmed; the failure of some pumping operations due to power outages contributed to the sewer backup. Several lawsuits were filed in connection with damage caused by raw sewage.

Sto	rm	Natio Data a						e enomena		
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimate Damag Property C		September 2000	
<u>MICHIGAN, East</u>										
Lapeer County 5 W Metamora to Almont	Towns		erts were disp	laced where	the gravel h	ad washed	l out. Annrool	Flood ooded to the west, in De c Park in the city of Lape		
Oakland County Holly	flooded		•	•			0	Heavy Rain canal connecting Simo several feet of water co		
Oakland County Holly	22 Lightn	2300EST ing struck a tree,	which was do	wned onto a	0 nearby van	0 , destroyir	15K ng it	Lightning		
	storms Almon from tl	Thunderstorms developed on the evening of the 22nd, north of a warm front that was moving north into southern Michigan. These storms produced very heavy rain in northern Oakland and southern Lapeer Counties. Holly measured 4.7 inches of rain, while Almont had 3.5 inches. Just to the south, the National Weather Service Office in White Lake had just 1.6 inches of rain. Runoff from the heavy rain resulted in localized flooding in northwest Oakland County, but flooding problems were more widespread and severe in southern Lapeer County.								