

Hettinger County
11 S Mott to
5 E Mott

National Weather Service Storm Data and Unusual Weather Phenomena



Tornado (F1)

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	Character of Storm	June 2005
NORTH DAKOTA,	Central a	and West							
Bottineau County									
6 S Souris	01	1511CST 1516CST			0	0		Hail(0.75)	
	Heavy	rainfall accompa	anied this storn	ı.					
Renville County									
1 W Glenburn	01	1800CST			0	0		Funnel Cloud	
Morton County									
13 SE New Salem	01	1835CST 1840CST			0	0		Hail(1.25)	
Morton County									
10 SW Mandan to 10 W Mandan	01	1855CST 1857CST			0	0		Funnel Cloud	
	Severa	al funnel clouds o	bserved.						
Sioux County									
9 N Selfridge	01	1900CST 1904CST			0	0		Thunderstorm Win	nd (MG52)
Morton County									
Glen Ullin	01	1910CST 1914CST			0	0		Hail(0.88)	
Adams County									
19 NE Hettinger	01	1930CST 1933CST			0	0		Hail(0.75)	



Twin funnels touched down causing damage.

The tornado destroyed a barn. At one time there were two tornadoes on the ground at the same time from the same thunderstorm cell.

Morton County					
10 W New Salem	01	1935CST 1938CST	0	0	Hail(1.00)
Morton County					
Hebron	01	1945CST 1950CST	0	0	Hail(0.88)





June 2005 Time Local/ Path Length Path Number of Estimated Width Persons Damage NORTH DAKOTA, Central and West **Stark County** Richardton 01 1950CST 1953CST 0 0 Thunderstorm Wind (EG52) Dumpster tipped over by the strong winds. Dime size hail accompanied the storm. **Hettinger County** 1 W Burt to 16 N Burt Tornado (F1) 01 16 70 Tornado remained in open country destroying a barn 1 northwest of Burt. **Morton County** 10 S Hebron 01 0 Thunderstorm Wind (EG78) Numerous trees uprooted. Nickel size hail reported with the storm. Report from NDHP trooper. **Stark County** 5 SE Lefor to 6 E Lefor 01 50 Tornado (F1) Tornado touched down in residence yard. A corral partly down and roof torn off a shed. Several trees uprooted. Penny size hail accompanied the storm. **Bottineau County** 2120CST 2150CST 01 **Heavy Rain** Souris Storm total rainfall was estimated at 4.00 inches. **Morton County** Hebron 01 0 0 Thunderstorm Wind (EG61) **Mclean County** 60K Flash Flood Max Heavy rainfall up to 4 inches resulted in water flowing from the streets into homes and businesses. A total of 36 properties affected by water. **Ward County** Flash Flood 8 S Minot 01 0 Public reported a foot of water over highway 83. **Ward County** 2300CST 0300CST 0 200K Flash Flood Surrey Driveways were washed out and 10 bridges were damaged as water flowed over them. Area from Surrey to Sawyer hardest hit. Road department had to breach Ward County Road 14 east of ND52 to relieve flooding. One home completely submerged in water. **Bottineau County** Souris 0 0 625K Flash Flood The townships of Dahlen, Harman, Peabody, Scandia, Starbuck and Edisvold greatly impacted. Ten home basements full of water as it flowed across roads and fields into homes. Souris reported 6 inches of rain in a few hours. Several gravel county roads washed out. Water penetrated gasoline tank with 500 gallons lost. USDA determined rainfall totaled 7 inches and 150,000 acres of crops were impacted on 200 farms. **Renville County** 2 E Glenburn to 5 SE Glenburn 5K Flash Flood Roads under water and closed to traffic. **Mchenry County** Granville to Upham 2338CST 0200CST

0

70K

Flash Flood





June 2005 Path Length (Miles) Estimated Damage erty Crop Time Local/ Standar Path Width (Yards) Number of Persons Killed Injured

NORTH DAKOTA, Ce	ntral an	ad West									
	Heavy rainfall up to 4.40 inches fell at Deering and 4.75 inches reported just west of Upham. Burlington Northern Santa Fe Railroad track was under water near Deering. A foot of water rushing over some county roads washing out some gravel onesespecially south and west of Granville.										
Stutsman County											
Jamestown	02	0055CST 0100CST			0	0	Thunderstorm Wind (MG51)				
				of Jamestow	n a tree fel	l on a mobile home with extens	sive damage. Numerous tree branches				
Grant County											
5 N Lark to	03	1116CST 1118CST	1	30	0	0	Tornado (F0)				
6 N Lark	Tornad	o touched down in ope	n country c	ausing no da	ımage.						
Slone County		•	•	C	C						
Slope County 16 SE Amidon	06	2000CST			0	0	Hail(0.75)				
10 DE TIMIGON	00	2000CST 2003CST			Ū	v	11un(0.72)				
Golden Valley County											
Golva	06	2000CST 2005CST			0	0	Thunderstorm Wind (MG52)				
Hettinger County											
New England	06	2015CST 2018CST			0	0	Hail(0.88)				
Stark County											
Belfield	06	2025CST 2028CST			0	0	Hail(0.75)				
Stark County											
Belfield to 1 NE Belfield	06	2030CST 2032CST	1	60	0	0	Tornado (F1)				
	bus and	o touched down on the					oot handman jack from under a school . A 1200 bushel grain bin was carried				
Adams County											
7 NW Hettinger	06	2040CST 2041CST			0	0	Funnel Cloud				
Williams County											
10 S Tioga	06	2205CST 2206CST			0	0	Hail(1.75)				
Emmons County											
Strasburg	06	2247CST 2252CST			0	0	Hail(1.00)				
	Wind g	ust up to 50 mph accor	mpanied the	e storm and h	nail.						
Burleigh County											
3 SE Bismarck Arpt	06	2302CST 2303CST			0	0	Thunderstorm Wind (EG61)				
•	One inc	2303CST ch diameter trees were	snanned in	half and roo	f blown off	f a mobile home					
D	One me	chameter trees were	appeu III	100	. 510 WH 011	a moone nome.					
Burleigh County	06	2202CCT		(0	0	•	T d- (E1)				
3 SE Bismarck Arpt to 4 SE Bismarck Arpt	06	2302CST 2307CST	1	60	0	0	Tornado (F1)				
	feet ont	•	ick. Truck	was totaled.	Another m		of off one home and threw it several off its foundation. Two other homes				

Burleigh County

Bismarck Hail(0.75)

Hail reported in the northeast part of the city of Bismarck.



Number of

Estimated



June 2005

Time Local/ Path Length Path Width Persons Damage **NORTH DAKOTA, Central and West Morton County** 15 WNW Mandan 06 2310CST 2315CST 0 0 Thunderstorm Wind (EG61) A parked 24 foot pull type camper spun around in the high winds. **Bottineau County** 0 Hail(0.75) Lansford 06 Reported by a NWS cooperative observer in Lansford. **Dickey County** 0030CST 0035CST **Fullerton** 07 0 Thunderstorm Wind (MG59) **Dickey County** 7 N Ellendale 0038CST 0045CST Thunderstorm Wind (EG61) 07 0 0 Quarter inch hail accompanied the high winds. La Moure County 07 0053CST 0054CST Hail(1.00) La Moure 0 0 La Moure County 07 0100CST 9 N Verona Lightning Barn struck by lightning and started it on fire. The fire completely destroyed the barn. **Grant County** 1705CST 1706CST Carson 07 0 Hail(1.00) **Sioux County** Ft Yates 07 1720CST 1725CST 0 Hail(0.88) Very heavy rain accompanied the hail. Rainfall of 3 to 4.2 inches **Sioux County** 1805CST 1815CST Ft Yates 0 Hail(0.75) Rainfall of 2.50 to 3 inches accompanied the hail. **Emmons County** 1919CST 1920CST 19 W Strasburg 07 20 Tornado (F0) Tornado briefly touched down in open country near Highway 1804. Nothing damaged **Sioux County** Selfridge 1928CST 0030CST 50K Flash Flood Flash flooding was occurring along Highway 6 from the junction of Highway 24 southward to the South Dakota border. Sioux County Sheriff advised no travel. Roadway under water in many places **Emmons County** 3 SSW Strasburg 07 1945CST 1954CST 0 0 Hail(1.00) Nickel to quarter size hail fell in an area from Westfield to Strasburg. The hail wiped out the sunflower crop. Two foot drifts of hail was reported when the storm ended. The hail also knocked out some windows. **Emmons County** 2 N Linton 07 1950CST 0 0 Thunderstorm Wind (EG61) **Emmons County** 1 NW Strasburg Hail(1.00) 07

Heavy rain accompanied the hail. Reported by a NWS cooperative observer



3 S Merricourt

07

National Weather Service Storm Data and Unusual Weather Phenomena



June 2005 Time Local/ Path Length Path Width Number of Estimated Persons Damage **NORTH DAKOTA, Central and West Emmons County** 1 N Hague 07 2000CST 2003CST 0 0 Thunderstorm Wind (EG61) Pole barn destroyed. Hail to 1 inch in diameter accompanied the winds. **Emmons County** 2006CST 2008CST Hail(1.00) Strasburg 07 Sioux County Ft Yates 2006CST 2115CST 18K Flash Flood 07 0 0 Water up to 8 inches covered Highway 24. **Sioux County** Selfridge to 7 N Selfridge 70K Flash Flood 07 Flash flooding from Selfridge to 7 miles north of Selfridge produced a foot of water running over Highway 6. Rainfall of 3.30 inches fell in a 1 hour time frame. **Mcintosh County** Wishek 07 2030CST Hail(0.75) 2031CST Reported by a NWS cooperative observer. **Emmons County** 3 E Strasburg 07 Hail(1.75) **Logan County Burnstad** 07 Thunderstorm Wind (EG57) USDA reported 60 percent loss of small grain, 40 percent loss of corn, sunflowers, soybeans and alfalfa, and 30 percent loss of mixed forage from high winds and hail. 0.75 inch hail accompanied the storm. **Logan County** 2045CST 2048CST 0 Thunderstorm Wind (EG52) 07 0 Napoleon Reported by a NWS cooperative observer. **Emmons County** 2050CST 2052CST 3 E Strasburg 07 0 0 Hail(1.75) Reported by a NWS cooperative observer. **Mcintosh County** Wishek 07 2054CST 2056CST 0 0 Hail(1.75) **Logan County** 5 SE Burnstad 07 2110CST 2118CST Hail(0.75) Winds up to 50 mph and heavy rainfall of 2.40 inches accompanied the storm. **Logan County** 07 Hail(0.88) 1 N Lehr La Moure County **Edgeley** 350K Flash Flood A severe storm produced 4 inches of rain which sent a wall of water 3 feet high into the lower parts of Edgeley. Several cars floated away with 15 homes flooded. **Dickey County**

0

0

750K

Flash Flood



Mercer County

Beulah

19

0130CST

National Weather Service Storm Data and Unusual Weather Phenomena



Thunderstorm Wind (EG52)

Time Path Path Number of Estimated Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
NORTH DAKOTA,	Central a	and West							
	A foot	t of water reported	d over many ro	oads destroyi	ng several	county and	d township	roads. Sev	eral fences washed out.
Dickey County									
Ellendale	07	2155CST 2157CST			0	0			Thunderstorm Wind (EG52)
	Renor	ted by a NWS co	onerative obse	rver					
	repor	100 oy 11111 oo	operative cose						
Dickey County	07	2210.000	0	20		0			T 1 (F0)
2 S Merricourt	07	2210CST 2212CST	0	20	0	0			Tornado (F0)
	Torna	do briefly touched	d down in oper	n country.					
Dickey County									
3 S Merricourt	07	2259CST 2304CST			0	0			Hail(0.88)
	Пости		d the hell flee	dim a carranal	maada amd ra	voobina or	ut famana		
	пеачу	rain accompanie	cu me nan 1100	unig severai	roaus anu v	washing of	ut felices.		
La Moure County									
Berlin	07	2300CST 2303CST			0	0			Thunderstorm Wind (EG61)
	The w	ind tore down a 1	2 inch diamet	er tree. Up to	one inch	of rainfall	accompanie	ed the storn	n
Diekov County				_			_		
Dickey County Forbes	08	1635CST			0	0			Hail(0.88)
101005	00	1640CST			Ů	v			Tun(vioo)
Bowman County									
Rhame	19	0005CST 0006CST			0	0			Hail(1.00)
		0006CST							
Stark County									
3 W Dickinson	19	0022CST 0023CST			0	0			Hail(1.00)
Stark County		******							
5 S Dickinson	19	0022CST			0	0	3M		Thunderstorm Wind (MG73)
2 5 Dickinson		0027CST							
	Large measu	-	d the severe st	torm causing	major dan	nage to ho	omes, busir	iesses, veh	icles and other buildings. Wind ASOS
Stark County									
Dickinson	19	0023CST			0	0			Hail(3.00)
		0025CST rous homes, busin panied the large		es and other b	ouilds susta	ined majo	r damage fi	om the bas	seball size hail. Strong winds to 84 mph
Bowman County									
7 W Bowman to	19	0025CST			0	0			Hail(1.00)
Bowman		0029CST			Ů	v			11411(1100)
	Wind	gust to 50 mph ac	ccompanied the	e hail.					
Stark County									
Dickinson	19	0033CST			0	0			Hail(1.75)
		0034CST							
Hettinger County									
New England	19	0055CST 0100CST			0	0			Hail(1.00)
Morcor County									
Mercer County Hazen	19	0100CST			0	0			Hail(2.25)
-142011	1)	0100CST 0102CST			v	v			
Stark County									
Richardton	19	0110CST 0113CST			0	0			Thunderstorm Wind (MG75)
	Renor	0113CST ted by a NWS co	onerative obse	rver					
	Kepor	ica by a IN WS CO	operative obse	1 v C1.					





June 2005 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage **NORTH DAKOTA, Central and West** 0135CST Tree limbs down. **Ward County** 0140CST 0143CST Ryder 19 0 0 Hail(1.00) Reported by the Air Force Missile Crew at Ryder. **Ward County** 8 S Minot 19 0148CST 0150CST Hail(1.75) **Oliver County** 0154CST 0202CST Center 19 0 0 Hail(1.00) **Ward County** 14 S Minot 0159CST 0203CST Hail(1.00) 19 0 0 **Oliver County** 0200CST 0205CST Hail(1.75) Center 19 0 0 Mercer County Hazen 19 0210CST 0212CST 0 Thunderstorm Wind (EG52) **Mclean County** 0230CST 0240CST Hail(0.88) Washburn 19 $\mathbf{0}$ 0 **Oliver County** Center 19 0240CST 0244CST 0 0 Hail(1.00) Pierce County 8 S Silva to 8 SSE Silva Tornado (F1) 19 0345CST 0356CST 75 250K Tornado touched down 8 miles south of Silva near Long Lake. It moved east-northeast and crossed into Benson County, Grand Forks NWS County Warning Area. Damage to high voltage transmission lines partly due to the tornado and partly due to 110 mph estimated wind gusts listed as a seperate entry. **Pierce County** 6 SW Silva to 4 SE Silva 19 1.8M Thunderstorm Wind (EG96) Six (6) miles of 230 KV high voltage transmission lines down. **Logan County** 10 E Napoleon 0 Hail(0.75) 20 ARB observer reports penny size hail. **Stutsman County** Montpelier 20 0635CST 0 0 Thunderstorm Wind (EG61) 70 mph winds and very heavy rain. **Williams County** 13 W Williston 21 0205CST 0 Hail(1.00) **Williams County** Williston 21 Thunderstorm Wind (MG60) Wind speed 58 mph or higher for duration of event. Peak of 69 mph at 233 AM CST and 234 AM CST. Numerous large trees

down from Williston to Trenton area. Wind ASOS measured.





Time Path Path Number of Estimated Damage
Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm

NORTH DAKOTA, Co	entral a	nd West								
Williams County Trenton		0235CST ated wind gust 80 ported. Winds in							00 feet aw	Thunderstorm Wind (EG70) vay and the other 40 feet. 1 inch hail
Mckenzie County	21	0205CST				0	0			H-2(0.75)
Watford City	21 Also s	0305CST trong winds during	ng event.			0	0			Hail(0.75)
Burke County										
Powers Lake	25 26	2311CST 2311CST				0	0			Thunderstorm Wind (MG51)
Renville County										
1 S Tolley	26	0005CST				0	0			Hail(1.75)
Bottineau County										
10 N Bottineau	26	0120CST				0	0			Hail(0.88)
Golden Valley County										
3 SE Trotters to 3 SSE Trotters	26	1429CST 1434CST				0	0			Hail(0.75)
Bowman County										
Bowman	26	1645CST 1655CST				0	0			Hail(0.88)
Sioux County										
13 SW Solen to	26	1650CST 1655CST	2		20	0	0			Tornado (F0)
11 SW Solen	No da									
35 (9.0)										
Mountrail County 10 S New Town	26	1710CST				0	0			Heavy Rain
10 5 New 10wn		iches of rain at V	an Hook.			U	U			neavy Kam
Mountrail County										
New Town	26	1710CST				0	0			Flash Flood
	Ctuanto	1915CST	Town 6im	ahaa d						
	Streets	s flooded in New	TOWII, O III	ches de	eep.					
Bowman County										
7 S Bowman	26	1715CST				0	0			Hail(2.50)
Ward County										
Berthold	26	1730CST 2030CST				0	0	114K		Flash Flood
										Fighway 52 from Carpio to Foxholm Berthold
Renville County										
Glenburn to 5 W Glenburn	26	1730CST 1900CST				0	0	50K		Flash Flood
	Flash twater.		urn to 5 mi	iles we	est Glenbu	ırn. Deep w	ater 2 to 3	3 feet in fields.	Water flo	owed into homes. Some roads under
Bottineau County										
Lansford	26	1730CST				0	0	20K		Flash Flood
		1830CST flooding.				3	-			
	Succi	ouiiig.								
Sioux County	26	1721 COM	•		20	Δ	Δ			Townsda (E0)
4 SW Solen to 2 SW Solen	26	1731CST 1738CST	2		30	0	0			Tornado (F0)
	No da	mage reported. To	ornado in o	pen fie	eld.					





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Crops	June 2005 Character of Storm
NORTH DAKOTA,	Central a	and West						
Bottineau County 10 E Lansford	26	1755CST			0	0		Thunderstorm Wind (EG52)
Morton County Huff	26	1815CST			0	0		Hail(0.75)
Hettinger County Regent	26 1 inch	1828CST of rain in 15 minu	ites.		0	0		Hail(1.75)
Mchenry County 8 N Deering	26	1830CST			0	0		Hail(0.75)
Renville County								, ,
Glenburn Bottineau County	26	1830CST			0	0		Hail(1.00)
Newburg	26	1835CST			0	0		Hail(1.00)
Adams County Reeder	26 40 to :	1835CST 50 mph winds.			0	0		Hail(1.00)
Hettinger County Regent	26	1845CST			0	0		Hail(1.50)
Hettinger County 4 S Mott to 2 E Mott	26 F1 da	1849CST 1855CST mage on a farm 4 r	4 miles south of	70 Mott. Five §	0 grain bins de	0 estroyed a	nd a barn heavily dam	Tornado (F1) aged.
Ward County								
Minot	26	1900CST 2000CST			0	0		Flash Flood
Hettinger County	Under	passes flooded. W	ater over som	e county roa	ids 6 inches	deep.		
3 S Burt to 2 E Burt	26 Dama	1903CST 1908CST ge to farm yard fer	3 aces and equir	60 oment.	0	0		Tornado (F1)
Dickey County		,						
Oakes	26 Roof o	1915CST damage on home fr	rom winds.		0	0		Thunderstorm Wind (EG61)
Mclean County Garrison	26	1930CST			0	0	10K	Flash Flood
Garrison		2100CST s flooded after rece	eiving 2 inche	s of rain in a		v	101	1 1000
Grant County								
Elgin	26 Nicke	1935CST I to golf ball hail.			0	0		Hail(1.75)
Bottineau County 5 NE Newburg	26	2000CST 2200CST			0	0	104K	Flash Flood
. ~	8 inch	es of water over co	ounty roads fo	ollowing 2.6	inches of ra	in.		
Bottineau County 5 NE Newburg	26	2000CST			0	0		Hail(1.00)
Burleigh County Bismarck	26 Penny	2010CST	Rismarck		0	0		Hail(0.75)
	1 Chily	ozze nan m north	Cannai Ca.					





June 2005 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage **NORTH DAKOTA, Central and West Burleigh County** Bismarck 26 2011CST 0 0 Hail(0.75) Penny size hail in south Bismarck. **Rolette County** Dunseith 2030CST 33K Flash Flood 26 2230CST Road washed out due to high water flowing over it. Utility lines exposed under road. **Morton County** Thunderstorm Wind (MG63) St Anthony 26 2049CST 0 Thunderstorm wind sustained 52 mph with gusts to 76 mph. **Kidder County** 1 SE Tuttle 2205CST Thunderstorm Wind (EG70) 26 High winds blew a barn down one (1) mile southeast of Tuttle. Two homes damaged due to trees falling on them. Airplane hanger and quonset destroyed. Extensive damage to a rural electric cooperative, knocking down seven aluminum poles and two high-voltage transformers. Quarter size hail accompanied the storm. **Golden Valley County** 8 SE Beach 28 2211CST 0 0 Hail(0.75) Heavy rain and frequent lightning. **Rolette County** 0130CST Hail(1.00) 2 SE Rolette $\mathbf{0}$ No damage reported. **Ward County** 0340CST 0500CST Minot 29 0 Flash Flood **Dunn County** Halliday 29 Flash Flood Pierce County 5 SE Orrin to 15 SE Orrin 29 0 Flash Flood Water several feet deep in some fields. Water from culverts flowing over county roads. **Mchenry County** 10 NE Karlsruhe to 10 E Karlsruhe 1300CST 1500CST 29 13K Flash Flood **Kidder County** 1330CST 1530CST 20K Flash Flood Steele 29 0 0

Damage to roads and buildings in the Steele area.