



AND UNUSUAL WEATHER PHENOMENA WITH LATE REPORTS AND CORRECTIONS





NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NC **Cover:** Three to four inches of rain fell over southern Arkansas and four to eight inches of rainfall also occurred in the northern and western sections of the state from March 17th through the 20th. Due to heavy rains, flash flooding and river flooding occurred. The White River at Batesville in Independence County completely covered an access road on March 21, 2002. *(Photo courtesy: John Robinson, WCM, Little Rock, AR.)*

TABLE OF CONTENTS

	1 age
Outstanding Storm of the Month	4
Storm Data and Unusual Weather Phenomena	6
Additions/Corrections	186
Reference Notes	187

STORM DATA

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The Storm Data and Unusual Weather Phenomena narratives and Hurricane/Tropical Storm summaries are prepared by the National Weather Service. Monthly and annual statistics and summaries of tornado and lightning events resulting in deaths, injuries, and damage are compiled by the National Climatic Data Center and the National Weather Service's (NWS) Storm Prediction Center.

STORM DATA contains all confirmed information on storms available to our staff at the time of publication. Late reports and corrections will be printed in each edition.

Except for limited editing to correct grammatical errors, the data in **Storm Data** are published as received.

Note: "None Reported" means that no severe weather occurred and "Not Received" means that no reports were received for this region at the time of printing.

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The editor of **STORM DATA** solicit your help in acquiring photographs (prints or slides; black and white, or color), maps, clippings, etc. of significant or severe weather events (past or present) for use in the "Outstanding Storms of the Month" section of **STORM DATA**. We request our subscribers or other interested persons to mail such items to:

Storm Data National Climatic Data Center 151 Patton Avenue Asheville, NC 28801 e-mail: <u>storm.data@noaa.gov</u>

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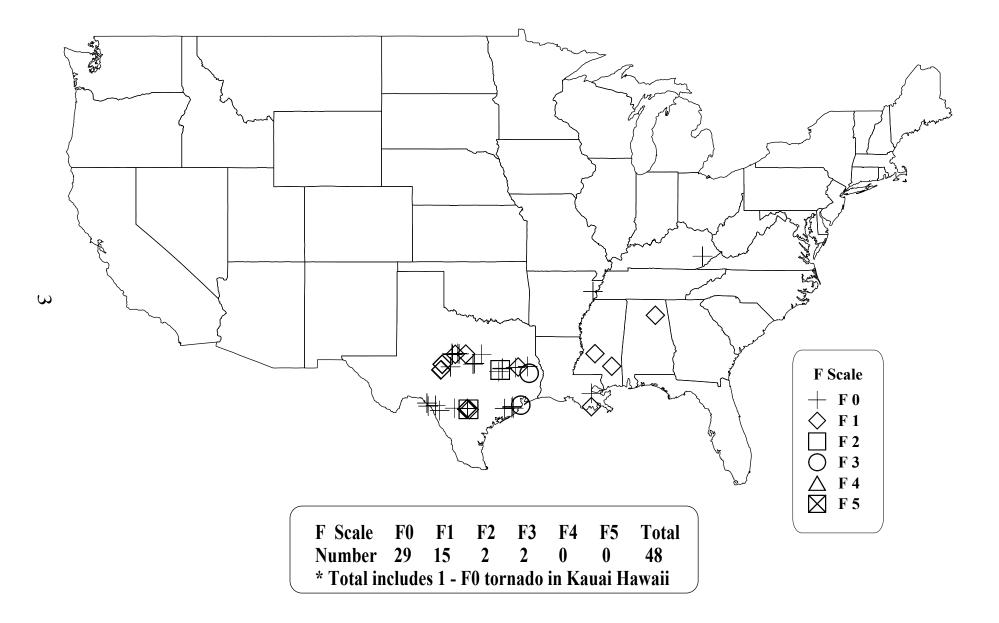
This is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Climatic Data Center Asheville, North Carolina 28801-2733.

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Thomas R. Karl Director, National Climatic Data Center

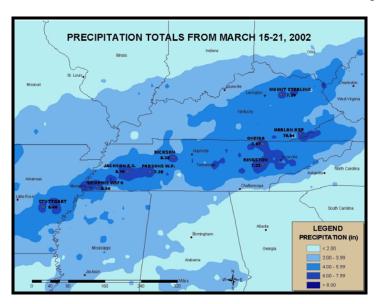
March 2002 Confirmed Tornadoes



OUTSTANDING STORMS OF THE MONTH

1. Heavy Rains Across Arkansas, Tennessee and Kentucky

During the month of March 2002, cold fronts moved into the southeast United States and stall. Low pressure systems formed in Texas and tracked northeast along the frontal boundary. Warm air from the Gulf of Mexico moved over the cooler air. As a result, widespread clouds and rain occurred. Heavy rains fell



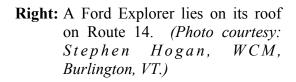
across Arkansas, Tennessee and Kentucky. Rainfall amounts of five to eight inches were common. Flash flooding and river flooding also occurred. The Governor of Tennessee declared 41 counties as a federal disaster area due to the flooding in January and March 2002. Estimated damages to public infrastructure and uninsured private property were placed at \$12 million dollars in Tennessee.

Left: Map courtesy: Steve Ansari, NCDC/NOAA, Asheville, NC

2. Heavy Snow in Vermont

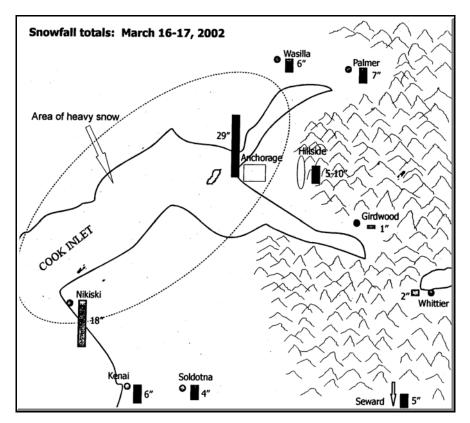
A late season winter storm crossed the southern New England area on March 20, 2002. Moisture from the Gulf of Mexico and Atlantic Ocean was drawn into the storm. Six to twelve inches of heavy snow

fell over central and southern Vermont. Numerous accidents were reported and portions of I-89 were closed for a short time.



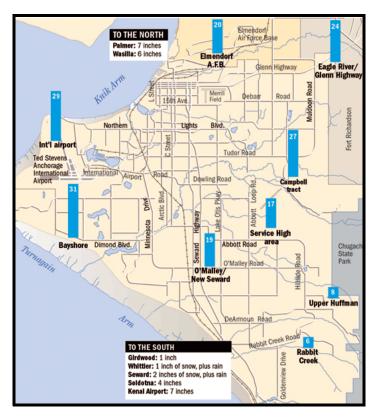


3. Heavy Snow in Anchorage, AK



A new 24-hour record snowfall total was established for Anchorage, Alaska on March 17, 2002 as 28.7 inches of snowfall was recorded at the International Airport. Higher amounts up to 31 inches of snowfall were observed across southwest Anchorage. The previous record was 15.5 inches in 1955, almost twice the previous record.

Left: Map depicts the area around Anchorage and the snowfall totals. (Map courtesy: Dave Goldstein, WCM, Anchorage, AK.)



Right: A close-up of Anchorage, Alaska area depicting the snowfall totals. (Map courtesy of Ron Engstrom and the Alaska Daily News. Copyright 2002, Used with Permission.)

		Time Local/	Path Length	Path Width	Numb Pers		Estima Dama		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
ALABAMA, North (Central	L							
Barbour County									
4 NW Mt Andrew	10 A few	1330CST v trees were kno	cked down n	orthwest of M	0 Iount Andrev	0 v near the	1K e Barbour and	0 l Bullock	Thunderstorm Wind (G50)
Montgomery County									·
Grady	12 Sever	1225CST al trees and pow	ver lines wer	e knocked dov	0 vn in the vici	0 nity of G	10K Frady. One ca	0 arport wa	Thunderstorm Wind (G55) s blown down and destroyed.
Tallapoosa County									
Dadeville	12 Nume	1250CST erous trees and p	ower lines v	vere blown do	0 wn in and ar	0 ound Dao	5K deville.	0	Thunderstorm Wind (G55)
Bullock County									
Midway	12 A few	1325CST v trees were blow	wn down on	CR 47 near M	0 idway.	0	2K	0	Thunderstorm Wind (G50)
Chambers County									
9 S Lafayette	12 Golfb	1425CST all size hail was	s reported sou	uth of Lafayet	0 te near the C	0 hambers	3K and Lee cour	0 ty line.	Hail (1.75)
ALZ044	Mon	tgomery							
	16	1600CST			0	0	0	0	Excessive Heat
	The a	fternoon high te	emperature re	ecorded at Dar	nnelly Field v	vas 85 de	egrees. This	emperatu	are tied the previous record high.
ALZ044	Mon	tgomery							
	17	1600CST			0	0	0	0	Excessive Heat
	The a	fternoon high te	emperature of	bserved at Da	nnelly Field	was 85 de	egrees. This	temperati	ure tied the previous record high.
Franklin County									
Newburg Franklin County	29	2105CST			0	0	0	0	Hail (0.88)
Newburg	29	2105CST			0	0	1K	0	Thunderstorm Wind (G50)
	Nicke	el size hail was r	reported in ea	stern Franklir	County nea	r the city	of Newburg.	A few t	rees were also blown over.
Lawrence County									
Hatton	29	2105CST			0	0	0	0	Hail (0.88)
	Nicke	el size hail was o	observed in v	vestern Lawre	nce County r	lear the c	ity of Hatton		
Lawrence County	•••	2100.00 T			0	0	1017	0	II (1 <i>7</i> 7)
Moulton to 8 E Moulton	29	2109CST 2135CST			0	0	10K	0	Hail (1.75)
	-	ercell thunderst addo community	-					-	. The area was generally from Moulton to ty.
Morgan County									
Trinity	29	2135CST			0	0	0	0	Hail (0.88)
	Nicke	el size hail was o	observed in t	ne Trinity area	ι.				
Lawrence County	•	2249.CCT			0	0	0	0	
4 E Moulton	29 A fun	2208CST anel cloud was re	eported just e	east of the city	0 of Moulton.	0	0	0	Funnel Cloud
Morgan County									
Neel	29 Two i	2220CST inch diameter size	ze hail was r	eported near t	0 he citv of Ne	0 el.	2K	0	Hail (2.00)
Morgan County				1	,				
Eva	29 A fun	2250CST anel cloud was si	ighted near t	he Eva comm	0 unity.	0	0	0	Funnel Cloud
Marshall County									
Union Grove	29	2256CST			0	0	0	0	Funnel Cloud
	A wal	ll cloud and pos	sible funnel	cloud were rep	oorted near U	nion Gro	ove.		

	Stor	m Data	a and	Unus	ual V	Veat	her P	hen	omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numl Pers Killed		Estima Dama Property		Marc.	h 200
			(111105)	(100)	Timeu	injarea	Tropenty	crops		
<u>ALABAMA, Nort</u> Marshall County	th Central	<u>l</u>								
.7 W Red Hill to 4.3 WSW Albertvil	29 lle	2320CST 2336CST	8.7	500	0	0	1.4M	0	Tornado (F1)	
	(Warı tornac buildi identi with 1	renton Road), a do paralleled Sec ings, chicken ho ified from visual	small ridge a ction Line R buses, and ot inspection. and 18 with m	and SR 79. T oad (CR 166) her weak stru The tornado e inor damage.	he tornado downing tre ctures. Mo ended at CR There were	then climeters and post st substart 152 (One	bed another ower lines ar ntial structure eonta Cut Of	ridge dov nd causing es affecte ff Road).	ed on a near due east path crossing yning trees. Once on top of the ri g damage especially to out building d by the tornado had minimal dan Red Cross officials identified 3 st vith this tornado.	idge, th gs, farr mage a
Dekalb County										
Crossville	29	2330CST			0	0	0	0	Hail (0.75)	
	Dime	size hail was re	ported in the	Crossville are	a.					
Dekalb County										
Ft Payne	30 Dime	0030CST size hail was ob	oserved just s	outheast of Fo	0 ort Payne on	0 Lookout	0 Mountain. N	0 Minor roc	Hail (0.75) f damage also occurred in the same	e area.
Cherokee County										
Forney	30 Quart	0045CST er size hail was	reported nea	r the town of H	0 Forney.	0	0	0	Hail (1.00)	
Cullman County										
West Pt	30 Dime	0143CST size hail was re	ported near	West Point.	0	0	0	0	Hail (0.75)	
Fayette County										
3 E Fayette	30 Sever	0300CST al trees and pow	ver lines were	e blown down	0 just east of t	0 the city of	2K Fayette.	0	Thunderstorm Wind (G50)	
Walker County										
Countywide	30 A few	0315CST	cked down a	cross the coun	0 ty.	0	3K	0	Thunderstorm Wind (G50)	
Tuscaloosa County	7									
2 NW Kellerman t 5 NE Kellerman		0953CST 0959CST			0	0	0	0	Hail (0.88)	
Jefferson County										
7 W North Johns t 3 E Midfield	to 30	0959CST 1022CST			0	0	75K	0	Hail (2.00)	
	The h aroun Tusca west o in ma	ating thunderston ail storm started id 1022 AM. aloosa County. of North Johns to	l just to the n The hail size The hail size o just east of Several dama	orthwest of Ke e in Tuscaloo increased dra Midfield. Th age reports we	ellerman arc sa County matically as e hail range	ound 953 was from the storn d in size f	AM and mov pea to nicl n entered Jef from nickel t	ved gener kel size, ferson Co o just larg	county into south central Jefferson ally east ending just to the east of N and this hail fell mostly in rural bounty. The storm left a swath of h ger than a golf ball and covered the e damage consisted mainly of bro	Midfield l eastern ail from e ground
Jefferson County										
9 SW Bessemer to 7 SE Bessemer	30	1018CST 1038CST			0	0	100K	0	Hail (2.75)	
Shelby County 6 W Helena to 5 E Harpersville	30	1029CST 1114CST			0	0	400K	0	Hail (2.75)	
Talladega County 3 N Childersburg 1 13 F Winterborg	to 30	1110CST			0	0	75K	0	Hail (1.50)	
13 E Winterboro		1148CST								
Clay County 8 NW Ashland to 6 E Lineville	30	1138CST 1214CST			0	0	4K	0	Hail (1.00)	
Clay County 8 NW Ashland to					0	0	4K 0	0	Hail (1.00) Hail (0.88)	

		Time Local/	Path Length	Path Width	Number Persor		Estima Dama			March 2002
Location	Date	Standard	(Miles)	(Yards)		njured	Property	Crops	Character of Storm	
ALABAMA, North C	Central									
,	A dan thund size h From east a	maging, rotatin erstorm moved ail fell across F Chelsea to Harp cross central Ta	eastward acro Bessemer, H persville, gol lladega Cou	oss the length lelena and Pe f ball size hai nty. The hail	of Jefferson, elham. This h il was reported size gradually	Shelby ail caus . One to becam	, Talladega, G sed damage to one and or e smaller as	Clay, and to autom he half in the storm	Shelby and Jefferson d Randolph Counties. Cobiles, home roofs, and ch diameter size hail w a moved eastward and w	Golf ball to baseball d a few businesses as observed west to veakened. The hail
	size ii	n Clay County w	as around or	ie inch in diai	meter and the I	1a1l size	e across Rand	olph Cou	inty was approximately	nickel size.
Jefferson County Hoover	30 Quart	1100CST er size hail fell i	n the Rivercl	hase area.	0	0	0	0	Hail (1.00)	
Talladega County										
6 S Lincoln	30 A few	1210CST trees were blow	vn down nea	r the Old Lind	0 coln Highway a	0 and Sin	1K ns Road.	0	Thunderstorm Wir	nd (G50)
Etowah County										
Duck Spgs	30	1210CST			0	0	0	0	Hail (0.75)	
Etowah County	20	1010007			0	0	217	0		1 (0.50)
Duck Spgs	30 Trees	1210CST were blown dow	wn in the Du	ck Springs are	u ea. Dime size	0 hail als	3K o accompani	0 ed this st	Thunderstorm Wir orm.	id (G50)
Montgomery County							I			
Hope Hull	31	1253CST			0	0	0	0	Hail (0.88)	
1.000		el size hail was r	eported at the	e Rodeway In	in along Interst		-	-		
Barbour County										
Clayton	31	1355CST			0	0	6K	0	Thunderstorm Wir	nd (G50)
	A larg	ge tree was blow	n down and	landed on an	automobile. T	he vehi	cle suffered	moderate	damage.	
Barbour County		1415007			0	0	0	0	H 1 (0 00)	
10 NW Eufaula	31 Nicke	1415CST I size hail was o	beerved nort	hwest of Fuf	0 aula near the B	0 arbour	0 and Russell (0 County liv	Hail (0.88)	
	INICKC	1 SIZC Hall was 0		inwest of Luiz	auta near the D	arbour	and Russen v	Jounty III	ic.	
Russell County Cottonton	31	1443CST			0	0	0	0	Hail (0.75)	
Contonion		size hail was re	ported near t	he Cottonton	-				. ,	
Russell County			I · · · · · · ·							
Ft Mitchell	31	1444CST			0	0	0	0	Hail (0.75)	
	Dime	size hail fell arc	ound Fort Mi	tchell and Tw	vin Springs.					
ALABAMA, Southea	<u>ist</u>									
Houston County										_
Northwest Portion	31	1500EST 1513EST			0	0	75K		Thunderstorm Wir	ıd
	A tree		e in Dothan.	A tree fell o	n a barn, and	a shed	was blown o	ver in W	icksburg. A tree fell of	n a mobile home ir
		Dothan. Report							-	
Houston County	21	1705EST			0	0			Hail (0.75)	
Kinsey	31 Dime	size hail. Repo	rted by the N	WS office in		U			Hall (0.75)	
AT ADAMA Southw		1	2		U					
ALABAMA, Southw Covington County	est									
Red Level	12	1155CST			0	0			Hail (1.75)	
	~	1157CST				_				
	Golfb	all hail was repo	orted near Re	d level. No d	lamage was rej	ported.				
Covington County										
Andalusia	12	1200CST 1202CST			0	0	10K		Thunderstorm Wir	nd (G50)
	Trees		s were blown	down near A	ndalusia. The	high w	inds also dar	naged a c	ouple of outbuildings.	
Crenshaw County		-				-		-	- 0	
Highland Home	12	1210CST			0	0	10K		Thunderstorm Wir	nd (G50)
U -		1212CST		_						-
	Trace	and nower lines	wara blown	down noor U	Lighland Hama	D:		1	a set a al	

Trees and power lines were blown down near Highland Home. Dime size hail was also reported.

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
ALABAMA, Southwe	est								
Covington County Florala	12	1250CST			0	0		Hail (0.75)	
r ioi ala	14	1250C51 1251CST			Ū	Ū		Han (0.75)	
Mobile County									
Dawes	31	1120CST 1122CST			0	0	25K	Thunderstorm Wind	(G55)
						e roof da	image occurred to a ch	nurch and minor damage	occurred to some
Covington County									
Sanford	31	1315CST 1316CST			0	0		Hail (1.75)	
	Golfba		reported alo	ong U. S. Higł	way 84 just	north of S	Sanford. No damage v	was reported.	
ALASKA, Northern									
AKZ211	Srn S	Seward Penin	sula Coast	t					
	10	0755AST 0855AST			0	0		High Wind (G57) ^M	I
	northe	winds developed	combined v	with a 972mb	low over the	e North I	Pacific helped create s	weather systems. A 1036 trong easterly winds ove	U
AKZ213	St La	wrence Is. B	ering Strai	it					
	11	0715AST 1255AST			0	0		High Wind (G61) ^M	ſ
	As the	winds developed	d the island,	the pressure	gradient asso	ciated wi		d moved northward acros llting in strong easterly w	
AKZ213	St La	wrence Is. B	ering Strai	it					
	13	1955AST 2035AST			0	0		Blizzard	
	977ml	rd conditions of	ross the isla	nd from the s				ge. As an occluded front ating blowing snow that	
AKZ209>212-214					& Intr. Se	ward Po	eninsula - Srn Sew	vard Peninsula Coast	t - Ern Norton
	Soun 15	d Nulato Hill 0855AST	s - Yukon	Delta	0	0		Blizzard	
	15 16	2000AST			U	U		DIIZZALU	
	Buckl		oue. These	blizzard cond	itions resulte	d from a	deepening low pressu	Iding Cape Romanzof, U Ire system and associated	
AKZ225	Dena								_
	15 16	1951AST 1946AST			0	0		High Wind (G48) ^M	1
	High v To the Territe speeds	winds developed e south of the r ory of Canada.	nountains, a A significa teria winds y	strong ridge nt pressure di were realized	of high pre fferential be as these win	ssure ext	ended from a 1040ml ese two features resul	bressure developed north b high centered over the ted in the development of the narrow mountain pass	southern Yukon of increased wind
AKZ201	West	ern Arctic Co	oast						
	16	0856AST 0954AST			0	0		High Wind (G52) ^M	I
		winds occurred						m front. This front was ere recorded at the Cape	
AKZ207	Chuk	chi Sea Coas	t						
	16	0953AST 1345AST			0	0		Blizzard	
	Blizza		leveloped al	ong the Chul	cchi Sea Co	ast as a	warm front pushed n	orth through the region.	This front was

		Time	Path	Path	Numbe	r of	Estimate	•d		Marsh 200
• .•		Local/	Length	Width	Perso	ns	Damage	e		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
ALASKA, Northern	Yukon	Territory of C rthwest coast.	anada, coupl	ed with this l	ow, created a	signific	antly strong p	ressure	high pressure over east gradient that resulted in , created blizzard condi	n high winds along
AKZ201	18 High v moved		for a short pe						High Wind (G50) ast. These winds develo mph) were recorded by	
AKZ201	25 26	ern Arctic Co 1456AST 2010AST			0	0			Blizzard	
	north.	This front was	s pushed sou	th by a 1032r	nb high press	ure syste	m located ov	er the A	t slowly moved across arctic Ocean. Strong ea nile at Point Lay.	
ALASKA, Southeast	Ŧ			• • • • • •	• • • •					
AKZ025	Junea 09 11	au Borough-l 0500AST 0600AST	Eastern Ch	uchagof-Ad	miralty Isla 0	and 0	0.50K	0	High Wind (G56)	м
	measur Sunday	red as high as 6 y the 10th the 5	54 mph on th South Dougl	ne Juneau Fed as Island site	leral Building measured a	(85' AS gust to 6	L) and at the) mph. High	South I elevation	Iglas. On the 9th, the Douglas Island mesonet on peak wind readings oh. Very minor damage	site (9' ASL). Or included the Eagle
AKZ025	Junea 21	au Borough-l 0600AST 1300AST	Eastern Ch	ichagof-Ad	miralty Isla 0	and 0	0	0	High Wind (G55)	М
	maxed	er northeasterly	oh on the So	outh Douglas	Island mesor	et site (9' ASL). Hig	gh eleva	nd Douglas. The "Tak ation peak wind reading vas reported.	
ALASKA, Southern										
AKZ191	Weste 02	ern Aleutians 0700AST 2330AST	5		0	0			High Wind (G69)	
	front a there the southw	ng 968 mb low ssociated with hen dissipating	this storm el- by 9 am AS owed the stor	ongated north T Sunday. S rm center. A	and east into trong south a second storr	the cent nd south	ral Aleutians east winds we	just we ere obse	kiye Islands of Russia l st of Adak at 9 pm AS ⁷ prved in advance of the ula and its front brough	F Saturday, stalling front, while strong
								•	he storm system and fr gusts of 67 mph were a	-
	the are			ing nom noo	n through 10	p				5
AKZ141	the are the aut	ea. Observation comated site at S er River Bas 0900AST	Shemya.		0 0 n through 10	0			Heavy Snow	
AKZ141	the are the aut Copp 02 A wea person	ea. Observation comated site at S er River Bas 0900AST 1900AST kening low in	Shemya. in Prince Willia nowfall total	am Sound pro	0 oduced heavy	0 snows i	n portions of	-	Heavy Snow oper River Basin. Gull Saturday. Reports of t	ana Flight Service

		Time Local/	Path Length	Path Width	Numbe Persor		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)		njured	Property Crops	Character of Storm	
ALASKA, Southern AKZ135	04 05		1 massive, 10	057 mb high	0 in the northeas	0 st corne	r of the mainland, wer	High Wind (G78) re estimated at 90 mpł	around the Copper
AKZ185	07 A stro	ern Aleutians 0100AST ong front, associa Dutch Harbor/U					tch Harbor Wednesday ırsday.	High Wind (G54) y afternoon, brought st	
AKZ185	Easte 08 09	ern Aleutians 1315AST 0200AST			0	0	ng easterly winds arou	High Wind (G65) nd Dutch Harbor/Unal	м aska.
AKZ135	Sern 09	P.W. Snd 1400AST 2300AST	-		0	0	g the Copper River De	High Wind (G69)	
AKZ111	Mata 09 10	nuska Valley 1900AST 0730AST	C		0	0	er. Gusts peaked at 85	High Wind (G74)	
AKZ191	12 A rapi	ern Aleutians 0500AST 2200AST idly developing oon. Strong win	frontal low				, with a central pressu	High Wind (G54) re in the mid 950 mill	м ibar range, Tuesday
AKZ155		cokwim Delta 2315AST 0615AST	us were obs	erved just eas	0	0		Blizzard	
AKZ155	Kusk 13 A from	tokwim Delta 0100AST 0200AST nt, moving north					trong winds. Blizzard as the front passed.	High Wind (G77) conditions were report	м ted around Nunivak
AKZ155		okwim Delta 0000AST 1700AST	8	r - r	0	0	I	Blizzard	
AKZ161	15	ol Bay 0000AST 1700AST			0	0		High Wind (G52)	
AKZ191	condit Blizza Cape 2 part of	ions and a mix our of conditions we	of rain and so ere met at M rded peak w missing.	now. Local fi lekoryuk on N	reezing rain wa Nunivak Island	as repor along	a, was preceded by loc ted across the area. with gusts to 45 mph. oservations during the		
	17 A mo southe	0400AST derate weather	the extreme	e western Ale	deepening lov utians. Gusts	w adjac of 68 m	ent to the Kamchatka ph, from the southwes low.	a Peninsula, was acco	ompanied by strong

		Time	Path	Path	Numb		Estim			March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Dam Property	age Crops	Character of Storm	
ALASKA, Southern AKZ101	16 17	orage Muni ' 1800AST 2100AST 7 24 hour recor			0 led for Ancho	0 prage.	Total snowfa	ll for a 2	Heavy Snow 4 hour period at the Ir	ternational Airport
	was ne remain Ancho	early twice the one of	old 24 hour : / shadow" c ay into Turr	record of 15. lue to low le nagain Arm,	5 inches set in evel, modera snowfall total	n 1955. te easte	Much less s rly winds m	nowfall oc oving off	ss southwest Anchorag ceurred across southeast the mountains. In fa dwood receiving only 3	Anchorage, which act, just outside of
		tensive review however "iser		-			•	has been	undertaken by the A	anchorage Forecast
AKZ191	West 18 19	ern Aleutians 2030AST 0500AST	5		0	0			High Wind (G79)	М
	as a 9		arly Thursda	y. Strong so	utheasterly w		•	•	ing northwest to Cape (ted with this storm, with	• •
		ontal southeast red at Shemya a		-	t Adak at 9:5	3 pm A	AST Monday	Gusty w	vest winds in excess of	60 mph were also
		igh significant s ed under 60 mp	•		observed acro	oss the H	Pribilofs and	eastern Al	eutians around Dutch H	Iarbor, speeds were
AKZ101	28	orage Muni ' 1715AST			0	1			Avalanche	
	minute	*							ed skier was extricated gs weren't as fortunate.	by his partner, 20
AMERICAN SAMOA	<u> </u>									
Tutuila Countywide	20	1300SST 2359SST			0	0			Urban/Sml Stream	Fld
	causin caused	ers heavy at tin g flooding of lo	ow lying area	as in the after	rnoon and in	to the e	venings. Hea	avy runoff	dumped 2 inches of r s continued to overflow for the last two days.	small streams and
ARIZONA, Central a	nd No	rtheast								
AZZ015		ern Mogolloi	n Rim							
	01 21	0000MST 2300MST			0	0			Drought	
	on rec seasor 86 inc Septer	ord. The norm a, only 0.72 includes. This season ber. In the serverage snowfal	nal amount ones fell. Sno n, 37 inches ven month po	of precipitation of amounts a of snow fell eriod4.20 ir	on between E lso lagged be which is onl aches of preci	ecembe hind. T y 42% o pitation	r 21 and Ma The normal smooth normal to fell. This is	rch 21 for ow fall an date. Thi only 28%	, the Flagstaff airport h r the Flagstaff airport i nount from July 1 to M s dry spell has continue of average or 10.90 inc hich is 42% of average	s 7.08 inches. This arch 22 is just over ed since the first of hes below average.
AZZ012-015-017	Little 08	Colorado R 0330MST 0645MST	iver Valley	/ In Coconi	no County 0	- West 0	ern Mogol	lon Rim	- White Mountains High Wind (G56)	М
	record	ong cold front	gust of 65 M	APH with shi	ngles blowing			-	over 60 MPH. A spot in Leupp reported a wir	•

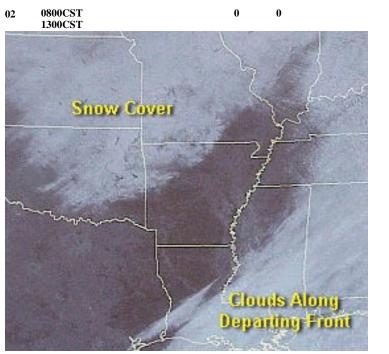
b	1011	Time	Path	Path	Number		Estimated	lioniciia	March 200			
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso		Damage Property Crops	Character of Storm	March 2002			
ARIZONA, Central a	nd Noi	rtheast										
AZZ011>014-016-040	Chus	ka Mountains					•	n Coconino County ·				
	River Valley In Navajo County - Little Colorado River Valley In Apache County - Eastern Mogollon Rim Northeast Plateaus And Mesas South Of Highway 264											
	23	0900MST 1800MST	Anu mes	as south O	0 0	0		High Wind (G70)	М			
	MPH to one in diar	were common w mile near Petrif	ith numerou ed Forest N n down. So	as gusts betwo lational Monu- ome reported	een 45 and 55 iment. An ob peak wind gu	MPH. server a sts were	Areas of blowing de t Eagar reported win e: Meteor Crater 811	astern Arizona. Sustainu ust were reported with th d gusts of 50 to 58 mph MPH, Eagar 58 MPH,	e visibility reduced with a few one foo			
ARIZONA, Northwes	t											
AZZ036		Mead Nation 0200PST	al Recreat	tion Area	0	0	10K					
	01	0200PS1 1400PST			U	0	10K	High Wind (G50)				
	A dry blown	-	ed through	the area caus	ing several h	omes to	recieve roof damag	ge. Several trees and po	wer lines were also			
AZZ003	North	west Deserts										
	13 Strong	1530PST winds caused a	tree to topp	le onto a hous	0 se causing mo	0 derate d	25K amage to the roof.	High Wind (G60)				
ARIZONA, South	Strong	winds cluster a	lice to topp		e causing me	defute d	uninge to the root.					
	NONE	E REPORTED.										
ARIZONA, Southwes		REFORTED.										
	NONE	E REPORTED.										
ARKANSAS, Central												
ARZ003>007-012>016- 023>025				Fulton - Sh	arp - New	ton - S	earcy - Stone - I	zard - Independenc	e - Van Buren -			
023>025	01	irne - Jackson 0700CST 1200CST	L		0	0		Winter Storm				
		and sleet fell ov	-				ng of the 1st. Snow ue to the slippery roa	fall amounts between 1 ad conditions.	and 3 inches were			

		Time Local/	Path Length	Path Width		nber of rsons	Estim Dam			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	

ARKANSAS, Central and North Central

ARZ003>005-012>013- Boone - Marion - Baxter - Newton - Searcy - Johnson - Pope - Van Buren - Logan - Conway - Scott - Yell -021>023-030>031- Polk 037>038-040

Winter Storm



In the picture: The satellite showed snow covering the ground across portions of northern and western Arkansas on 03/02/2002. A mixture of snow and sleet fell over portions of Northern and Western Arkansas on the morning of the 2nd. Accumulations up to 2 inches were reported in some areas. Numerous traffic accidents were reported.

Yell County Danville	08 Some	0405CST trees were knocked down and several building	0 os sustain	0 ed minor roof and structural d	Thunderstorm Wind (G50)
	bonne	tices were knocked down and several bunding	55 54544115		uniage.
Scott County					
Waldron	08	2145CST	0	0	Thunderstorm Wind (G50)
	Some	trees were blown down.			
Searcy County					
1 S St Joe	08	2245CST	0	0	Thunderstorm Wind (G50)
1551300		derstorm winds downed several trees.	Ū	0	munderstorm (mind (Geo))
	Than	deistorin winds downed several rees.			
Yell County					
Dardanelle	09	0105CST	0	0	Hail (0.75)
Dona County					
Pope County	09	0110CST	0	0	Hail (0.75)
Russellville	09	0110C51	U	U	Hail (0.75)
Stone County					
7 SW Mountain View	09	0210CST	0	0	Thunderstorm Wind (G50)
	Thun	derstorm winds knocked down a few trees and	damaged	a barn.	
Logan County					
Booneville	09	0305CST	0	0	Thunderstorm Wind (G50)
	Sever	al buildings sustained roof damage from a sev	ere thunde	erstorm that moved through Be	ooneville.

(Stor	m Data	a and	Unus	sual W	eat	her Phen	omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Person Killed I		Estimated Damage Property Crops	Character of Storm	March 200
ARKANSAS, Centr	al and l	North Centr	al						
Johnson County			_						
Clarksville	09 Thun down		damaged the	e roofs of seve	0 eral buildings i	0 n Clark	sville. Some fences v	Thunderstorm Win vere also damaged whe	
Boone County									
Harrison	09 Sever	0315CST ral homes and bu	usinesses sus	stained roof da	0 amage in Harris	0 son.		Thunderstorm Win	d (G50)
Newton County									
Deer	09 Sever	0320CST ral buildings sus	tained roof c	lamage in and	0 around Deer.	0		Thunderstorm Win	d (G50)
Searcy County									- /
Countywide	09	0345CST 0410CST	anusad roof	damaga to nu	0 maraus huildin	0	ss Searcy County.	Thunderstorm Win	id (G50)
	Thun	deistoriii wiilds	caused 1001	damage to nu	merous bunum	gs acros	ss Searcy County.		
Marion County Yellville	09 Thun	0350CST derstorm winds	damaged the	e roofs of a fey	0 w buildings in Y	0 Yellvillo	2.	Thunderstorm Win	d (G50)
Pope County					0				
Russellville	09 Sever	0355CST ral buildings sus	tained roof o	lamage and a	0 number of trees	0 s were t	blown down.	Thunderstorm Win	d (G50)
Pope County		e		0					
Atkins	09 Sever	0410CST ral trees were blo	own down a	nd some house	0 es sustained roc	0 of dama	ge.	Thunderstorm Win	d (G50)
Van Buren County							-		
Countywide	09	0410CST 0440CST			0	0		Thunderstorm Win	d (G50)
	Num	erous buildings s	sustained roo	of damage acr	oss Van Buren	County	·.		
Yell County									
1 N Mt George		0415CST derstorm winds al hours.	downed at	least a dozen	0 trees, with a o	0 camper	flipped over in the a	Thunderstorm Win rea. About 400 custon	. ,
Conway County									
Morrilton	09 A sev	0430CST vere thunderstorn	n moved thr	ough the Mor	0 rilton area and	0 downed	l a number of trees and	Thunderstorm Win d caused roof damage to	
Perry County									
Perryville	09 Thun	0435CST derstorm winds	damaged the	e roofs of seve	0 eral buildings in	0 Perryv	rille.	Thunderstorm Win	d (G50)
Stone County			-		-	-			
Countywide	09	0440CST 0500CST			0	0		Thunderstorm Win	d (G50)
	Num	erous homes and	l businesses	sustained root	f damage acros	s Stone	County.		
Garland County Hot Spgs	09	0455CST			0	0		Thunderstorm Win	d (G50)
	Sever	ral homes sustain	ned roof dan	nage from a se	evere thundersto	orm tha	t moved through Hot	Springs.	
Faulkner County					^	c			1 (070)
5 S Conway	09 Thun	0515CST derstorm winds	damaged a l	arge billboard	0 south of Conw	0 vay.		Thunderstorm Win	d (G50)
Cleburne County 1 E Heber Spgs	09	0520CST			0	0		Thunderstorm Win	. ,
	Thun	derstorm winds	blew down	some large tre	e limbs. One c	ar was	damaged when some o	of the limbs fell on the	vehicle.

Thunderstorm winds blew down some large tree limbs. One car was damaged when some of the limbs fell on the vehicle.

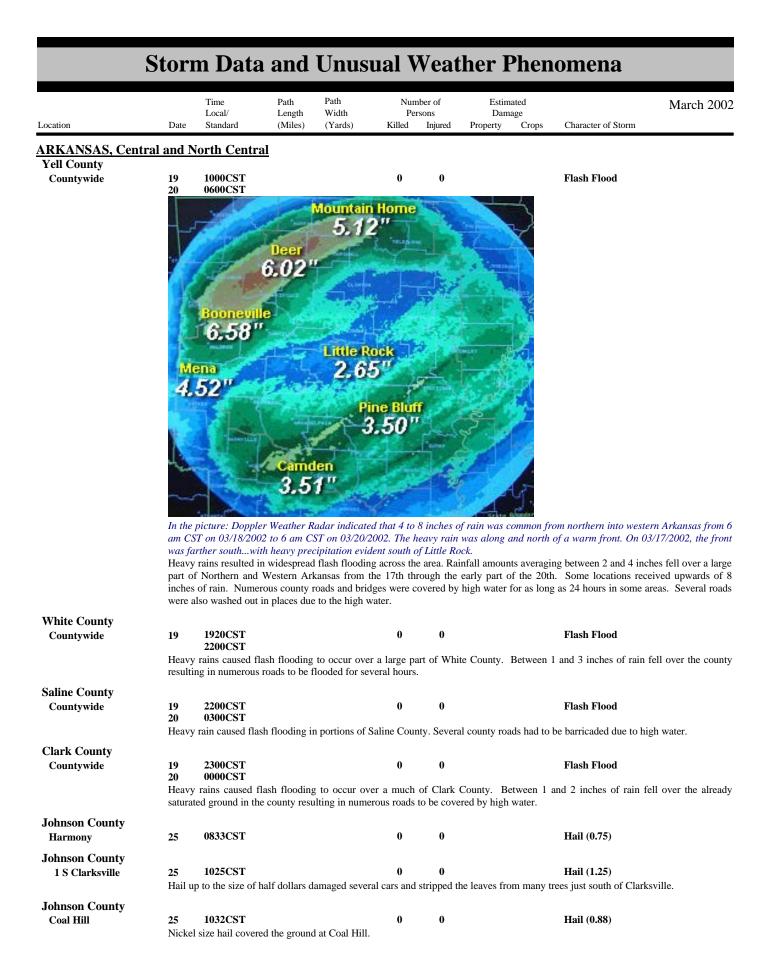
		Time Local/	Path Length	Path Width	Num	ber of sons	Estim Dam			March 2002
location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
RKANSAS, Central	and N	North Centr	al							
Saline County										
Benton	09 Thunc	0520CST derstorm winds	caused some	roof damage	0 to several bu	0 uildings ir	n Benton.		Thunderstorm Wind	d (G50)
Independence County										
Alonzo	09	0525CST			0	0			Thunderstorm Wine	d (G50)
	A hou	ise sustained sor	me minor dai	nage from a s	evere thund	erstorm th	hat moved th	rough the	area.	
Independence County										
Batesville	09	0535CST			0	0			Thunderstorm Wine	d (G50)
	Severa	al large trees we	ere blown dov	wn.						
White County										
Antioch	09	0535CST			0	0			Thunderstorm Wind	d (G50)
muon	Thunc		destroyed a b	oarn, blew the	-		damaged the	e chimney	on another house. Seve	. ,
Pulaski County										
1 SE Morgan	09	0540CST			0	0			Thunderstorm Wine	d (G50)
0	A few	trees were know	cked down.							
Lonoke County										
Cabot	09	0540CST			0	0			Thunderstorm Wind	d (G50)
Cubor		derstorm winds	downed seve	ral trees. Son	ne of the tree	es landed	on the roofs	of a few l	houses and caused minor	. ,
Salina County										-
Saline County Traskwood	09	0540CST			0	0			Thunderstorm Wind	d (C50)
Traskwoou		derstorm winds	knocked dow	in some nowe		U			Thunderstorm wind	u (650)
	Thunk	derstorm winds i	KIIOCKCU UOW	in some powe	i inico.					
Jackson County										
Newport	09	0558CST			0	0			Thunderstorm Wine	d (G50)
	Severa	al trees were blo	own down.							
Prairie County										
Des Arc	09	0620CST			0	0			Thunderstorm Wine	d (G50)
	Severa	al buildings sust	tained minor	roof damage.						
Woodruff County										
Mc Crory	09	0630CST			0	0			Thunderstorm Wind	d (G50)
the ordry		derstorm winds	caused dama	ge to the roofs						u (000)
				0		0				
Woodruff County	00	AC20CET			0	0			Th	1 (050)
Cotton Plant	09	0630CST		1	0	0			Thunderstorm Wine	a (G50)
	Severa	al buildings in C	Jotton Plant S	sustained roof	damage.					
Monroe County										
Clarendon	09	0650CST			0	0			Thunderstorm Wine	d (G50)
Chartenaon	Some	trees and power	r lines were o	lowned at Cla	rendon.					
	bonne									
	bonne	•								
Arkansas County De Witt	09	0703CST			0	0			Thunderstorm Wind	d (G50)

Storm Data and Unusual Weather Phenomena Path Time Path Number of Estimated March 2002 Local/ Length Width Damage Persons Killed Location Date Standard (Miles) (Yards) Character of Storm Injured Property Crops **ARKANSAS, Central and North Central Newton County** Hail (2.00) Western Grove 15 1450CST 0 0 HERE A ©2002 John Tyner

In the picture: Hail up to two inches in diameter accumulated around a home in Western Grove (Newton County) on 03/15/2002. The picture is courtesy of John Tyner...and is used by permission.

Boone County Lead Hill	15	1505CST	0	0	Hail (0.75)
Montgomery County 5 SE Caddo Gap	15 Thunc	1540CST lerstorm winds demolished a carport.	0	0	Thunderstorm Wind (G50)
Garland County Royal	15	1615CST	0	0	Hail (0.88)
Garland County Royal	15	1615CST	0	0	Thunderstorm Wind (G61)
Garland County Fountain Lake	15	1640CST	0	0	Hail (0.75)
Garland County 4 NE Fountain Lake	15 Thunc	1645CST lerstorm winds downed some large tree limbs	0 and power	0 r lines.	Thunderstorm Wind (G50)
Saline County Bland	15	1710CST	0	0	Hail (0.75)
Pulaski County Little Rock	15	1735CST	0	0	Hail (0.75)
Pulaski County North Little Rock	15	1745CST	0	0	Hail (0.75)
White County 1 E Pangburn	15	2010CST	0	0	Hail (0.75)

			D í	Deth		c.	P - 1		
		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
ARKANSAS, Cent	ral and N	North Centra	al						
Jefferson County	17	1/10/007			0	0		Flash Flash	
South Portion	17	1618CST 1930CST			0	0		Flash Flood	
							fferson County. A nu n water in and around	mber of roads were cov Pine Bluff.	rered by high water.
Bradley County									
Warren	18	0125CST			0	0		Flash Flood	
		0230CST							
	Heavy	rains resulted i	n some mino	or street flood	ing in Warren	n.			
Baxter County									
Countywide	19 20	0600CST 0600CST			0	0		Flash Flood	
Fulton County	20	0000031							
Countywide	19	0600CST			0	0		Flash Flood	
000000000000000000000000000000000000000	20	0600CST							
Izard County									
Countywide	19 20	0600CST 0600CST			0	0		Flash Flood	
Newton County	20	0000051							
Countywide	19	0600CST			0	0		Flash Flood	
County white	20	0600CST			-	-			
Sharp County									
Countywide	19	0600CST			0	0		Flash Flood	
Stone County	20	0600CST							
Countywide	19	0600CST			0	0		Flash Flood	
County white	20	0600CST			v	Ū		i iusii i ioou	
Johnson County									
Countywide	19	0700CST			0	0		Flash Flood	
Saamay County	20	0600CST							
Searcy County Countywide	19	0700CST			0	0		Flash Flood	
Countywhee	20	0600CST			v	Ū		i iusii i ioou	
Boone County									
Countywide	19	0800CST			0	0		Flash Flood	
Marian Grant	20	0600CST							
Marion County	19	0800CST			0	0		Flash Flood	
Countywide	20	0600CST			U	U		Flash Floou	
Logan County									
Countywide	19 20	0900CST 0600CST			0	0		Flash Flood	
Pope County	20								
Countywide	19	1000CST			0	0		Flash Flood	
	20	0600CST							
Scott County									
Countywide	19 20	1000CST			0	0		Flash Flood	
	20	0600CST							



Storm Data and Unusual Weather Phenomena											
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estimated Damage Property Crops	Character of Storm	March 2002		
ARKANSAS, Centra	l and N	North Centra	<u>ll</u>								
Johnson County Clarksville Johnson County	25	1041CST			0	0		Hail (1.00)			
Harmony	25	1041CST			0	0		Hail (1.00)			
Van Buren County 4 NE Shirley Van Buren County	25	1142CST			0	0		Hail (0.88)			
5 SE Shirley	25	1142CST			0	0		Hail (1.00)			
Independence County Bethesda	25	1210CST			0	0		Hail (0.75)			
Searcy County Countywide	25	1825CST 2100CST			0	0		Flash Flood			
Stone County Countywide	25	1840CST 2100CST			0	0		Flash Flood			
Izard County Countywide	25	1855CST			0	0		Flash Flood			
Fulton County	25	2100CST			Ū	Ū		i iusii i ioou			
Countywide	25	1900CST 2100CST			0	0		Flash Flood			
Sharp County Countywide	25	1900CST 2100CST			0	0		Flash Flood			
	•	y rains resulted ir ed by high water		•		thern Ark	ansas. A number of	county roads and low wate	er crossings were		
Sharp County Cherokee Vlg	25	2030CST			0	0		Flash Flood			
Cherokee vig	An el	derly man tried t			ater crossing	g in Cher	okee Village and wa rk and he was rescue	s swept downstream by m	oving water. His		
Arkansas County Humphrey	29	2055CST			0	0		Hail (0.75)			
Jefferson County Humphrey	29	2055CST			0	0		Hail (0.75)			
Arkansas County 8 S Stuttgart	29	2120CST			0	0		Hail (0.75)			
Arkansas County Almyra	29	2130CST			0	0		Hail (0.88)			
Arkansas County St Charles	29	2145CST			0	0		Hail (0.88)			
Arkansas County South Portion	29 30	2210CST 0100CST			0	0		Flash Flood			
	Heavy							bout 4 miles south of De V	Vitt, was flooded		
Arkansas County Lodges Corners	29	2225CST			0	0		Hail (0.75)			
Arkansas County De Witt	29	2240CST			0	0		Hail (0.88)			

		Time	Path	Path	Numb		Estima		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Dama Property	ige Crops	Character of Storm
ARKANSAS, Centra	al and I	North Centr	al						
Hot Spring County Social Hill Hot Spring County	30	0425CST			0	0			Hail (0.75)
Malvern	30	0433CST			0	0			Hail (0.75)
Jefferson County	30	0730CST			0	0			Flash Flood
Countywide	Heavy	0930CST			er portions o	f Jefferso		Several co	ounty roads and streets in the city of Pine
Arkansas County	Diuii	were covered b	y nigh water		it's on the mon	ining of t	ne soui.		
Countywide	30	0745CST 0930CST			0	0			Flash Flood
	Sever	al county roads	were flooded	as a result of	f heavy rains	that occu	urred over Ar	kansas Co	ounty on the morning of the 30th.
Grant County Countywide	30	0800CST 0930CST			0	0			Flash Flood
	Heavy	y rainfall caused	l flash floodi	ng to occur in	some areas.	Several	county roads	were und	ler water for a brief period of time.
Clark County									
Countywide	30 Heavy	0800CST 0930CST y rainfall caused	l flash floodi	ng to occur in	0 some areas.	0 Several	county roads	were und	Flash Flood ler water for a brief period of time. County
	roads	were also wash	ed out near A	Amity, DeGra	y and Vaden.				
Calhoun County Harrell	30 Thune	1025CST derstorm winds	blew the roo	f off of a barn	0 at Harrell.	0			Thunderstorm Wind (G50)
Bradley County									
Warren	30 Thune	1050CST derstorm winds	knocked dov	vn some trees	0 and power li	0 nes.			Thunderstorm Wind (G50)
Bradley County									
5 S Warren	30 Thune	1050CST derstorm winds	blew down s	ome large tre	0 es 5 miles sor	0 uth of W	arren.		Thunderstorm Wind (G50)
Drew County									
Wilmar	30	1100CST			0	0			Hail (0.75)
Drew County Wilmar		1100CST derstorm winds ge to the home.	downed son	ne power line	0 s. One of th	0 e live po	ower lines ca	used a ho	Thunderstorm Wind (G50) ouse fire to ignite. The fire caused major
Drew County	·	0							
Monticello	30 Thune	1110CST derstorm winds	blew down s	ome large tree	0 es and caused	0 I roof dai	nage to sever	al buildin	Thunderstorm Wind (G50) ags in Monticello.
Drew County 7 E Monticello		1120CST al trees were kingh the area. A la				0 sinesses	sustained roo	of damage	Thunderstorm Wind (G50) e from a severe thunderstorm that moved
Desha County Mc Gehee	30 Thur	1135CST	downod com	o longo tugog a	0	0			Thunderstorm Wind (G50)
ADVANCAC Frank	inun	derstorm winds	downed som	e large trees a	and power lin	C S.			
ARKANSAS, East Lawrence County									
3 SE Minturn	09 A bar	0600CST 0605CST n was demolished	ed Three bo	mes were dan	0 naged	0	25K		Thunderstorm Wind

A barn was demolished. Three homes were damaged.

		Time Local/	Path Length	Path Width	Numl Pers		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	0	rops Character of Storm	
ARKANSAS, East									
Poinsett County									
Harrisburg	09	0630CST 0635CST			0	0	5K	Thunderstorm Win	d
a a i	A few	trees were blow	vn down.						
Cross County	00	07000007			0	0	0.0117	TT-:1 (0.75)	
Wynne	09	0700CST 0705CST			0	0	0.01K	Hail (0.75)	
St. Francis County					0	0	0.0177	TT 11 (0 85)	
Colt	09	0700CST 0705CST			0	0	0.01K	Hail (0.75)	
Crittenden County									
West Memphis	17	1600CST 1830CST			0	0	1K	Flash Flood	
	Severa	al roads were un	der water.						
Phillips County									
West Helena	17	1730CST 1735CST			0	0	250K	Thunderstorm Win	d
	Four b	ousinesses were	damaged. Fo	ur homes we	re also dama	ged. Som	e trees and pow	er lines were knocked down.	
ARZ008-017	Rand	lolph - Lawre	ence						
	25	1930CST			0	0	2K	Flood	
	~	2100CST							
	Some	roads and bridg	es were unde	r water.					
Craighead County									
2 N Jonesboro to	29	1614CST			0	0	0.10K	Hail (1.00)	
Jonesboro		1630CST							
Clay County	20	1645000			0	0	0.0017	II (1 (0 7 5)	
1 E Rector to Piggott	29	1645CST 1658CST			0	0	0.02K	Hail (0.75)	
Poinsett County		10000001							
1 N Weiner	29	1649CST			0	0	0.75K	Hail (1.75)	
		1655CST							
Craighead County									
1 N Bay to	29	1658CST 1710CST			0	0	0.11K	Hail (1.00)	
Bay Craighead County		1/10051							
Jonesboro	29	1700CST			0	0	5K	Thunderstorm Win	d
UCHC BBOT		1705CST							
	A chir	nney was blowr	n down. One	house suffere	ed roof dama	ge.			
Poinsett County		1800.000			~	~			
3 N Harrisburg	29	1708CST 1715CST			0	0	0.75K	Hail (1.75)	
Poinsett County									
1 W Trumann	29	1708CST	0.2	10	0	0	0 0	.01K Tornado (F0)	
	A to	1709CST	had darum !	on onen field	I producine -	12441 -	domogo		
Craighead County	A tom	ado briefly touc	neu uowii in	an open neit	i producing v	ery nue	ualliage.		
Lake City	29	1711CST			0	0	0.10K	Hail (1.00)	
Lune Ong	_/	1716CST			v			(100)	
Poinsett County									
1 W Trumann	29	1718CST 1725CST			0	0	0.01K	Hail (0.75)	
Poinsett County									
Lepanto	29	1750CST			0	0	0.75K	Hail (1.75)	
		1755CST							
Mississippi County	~	1750000			0	Δ	0.0117		
Dyess	29	1759CST 1805CST			0	0	0.01K	Hail (0.75)	

		Time Local/	Path Length	Path Width		ber of sons	Estima Dama			March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
ARKANSAS, East										
Phillips County										
Elaine	29	2015CST 2020CST			0	0	0.01K		Hail (0.75)	
Phillips County										
Helena	31	0305CST			0	0	1K		Flash Flood	
	Some	0500CST vehicles were w	ashed into a	ditch by floor	l waters.					
DEANGAS Nouther										
<u>ARKANSAS, Northw</u> ARZ001>002-010>011		on - Carroll -	Washingt	on - Madiso	n					
AK20012002-0102011	02	0600CST 1200CST	vv asningu	011 - 1v1au150	0	0			Heavy Snow	
	An ar		noved south	east across no	orthwest Ar	kansas du	ring the earl	y morning	hours of the 2nd. M	leanwhile an uppe
	level s	system moved no	ortheast out	of the desert	southwest.	This resu	ilted in a larg	ge area of	precipitation. The pre	cipitation began a
									vy. A few snow accu	
		ville4 inches.	, shoani s	prings5 me	les, Eurer	ta spring	s5 menes,	Berryville	e5 inches, Bentony	me4 menes an
Franklin County										
Cecil	08	2155CST			0	0			Thunderstorm Win	d (G61)
o tem		lerstorm winds e	stimated at '	70 miles an ho	our blew a t					
Benton County										
Bella Vista	09	0200CST			0	0			Thunderstorm Win	d (G61)
	Thunc	lerstorm winds e	stimated at '	70 miles an ho	our blew a t	ree down.				
Madison County										- /
Aurora	09 Thund	0220CST lerstorm winds e	stimated at 1	60 miles on h	0 Nur blow do	0 un larga t	roo limbo		Thunderstorm Win	id (G52)
Carroll County	Thunc	leistoriii wiilds e	stimated at	50 miles an no	our blew do	wii laige i	ree mnos.			
Green Forest	09	0230CST			0	0			Thunderstorm Win	d (G61)
~	Thunc	lerstorm winds e	stimated at '	70 miles an ho	our blew a t	ree down.				
Crawford County	00	0250CCT			0	0			There denotes 1874-	
Figure Five	09 Thunc	0250CST lerstorm winds e	stimated at '	70 miles an ho	U ur blew a t	0 ree down			Thunderstorm Win	la (G01)
Sebastian County	Thun	cristorini winds c	stimated at	/o miles an ite	our blew a t	iee down.				
Barling	09	0259CST			0	0	1K		Thunderstorm Win	d (G52)
	Thunc	lerstorm winds e	stimated at	60 miles an ho	our blew sev	veral signs	s down.			
Franklin County 2 W Ozark	09	0320CST			0	0			Thunderstorm Win	d (C 52)
2 W Uzark		lerstorm winds e	stimated at (50 miles an ho			ree limbs		Thunderstorm win	lu (G52)
Sahartian Country				oo minoo un m	ur eren ue	in hange t	100 1111001			
Sebastian County Countywide	19	0330CST			0	0			Flood	
Countywide	20	0300CST					_			
	receiv and fl therea aftern	red 5.32 inches of ooding. The fir fire several court	f rain and M st report of nty roads we hours. By	Midland receiv flooding was ere reported t late evening o	ved 6.23 ind at 330 am o be floode	ches of ra on the 19 d. Severa	in. The resu 9th with High al of these c	lt of this h hway 252 ounty road	of the 20th. During the avy rain was widesp being under water nearly water nearly water barricaded and ansfield and Highway	read flash floodin ar Lavaca. Shortl d closed during th
Crawford County										
Countywide	19 20 Heavy	0350CST 0300CST / rain fell on and	off from the	e evening of t	0 he 18th to t	0 he early n	norning hours	s of the 20	Flood th. During this time fr	ame Mountainbur

received 6.41 inches of rain and Van Buren received 4.76 inches of rain. This excessive rainfall resulted in flash flooding and flooding. The first report of flooding came at 350 am with several low lying roads in the southern part of the county being flooded. This flooding of county roads became more widespread across the whole county as the day progressed. By 1115 pm even State Highway 282 outside of Mountainburg was flooded.

Location		Local/			n.	one			
	Date	Standard	Length (Miles)	Width (Yards)	Pers Killed	Injured	Damage Property Cro	ps Character of Storm	
ARKANSAS, Northwe	est								
Franklin County									
Countywide	19	1000CST			0	0		Flood	
	rain d floodii	uring this time. ng was reported	The cumu at 10 am wh	lative effects nen water flow	of this raint red over son	fall result ne county	ed in flash floodi roads. As the day	urs of the 20th. Ozark reco ng and flooding across the progressed the flooding w e early morning hours on the	e county. The fin orsened and by la
Madison County									
Countywide	19	1640CST			0	0		Flood	
	20	0300CST							
	rainfal		ding and flo	oding. Count	y roads and			the 20th. The cumulative of irst reported to have floodi	
ARZ019	Craw	ford							
	19	1700CST			0	0		Flood	
	20	1000CST	.	1	1 - 4 f O)4h The sime success 1 at 2	20 frat at 1 and
A D 7010 020	March	20th. The river	r fell below					9th. The river crested at 2	3.9 feet at 1 am
ARZ019-029		ford - Sebast 0200CST	lan		0	0		Flood	
	20	1600CST			U	U		rioou	
		rkansas River n ne day. The riv						h 20th. The river crested a	t 23.0 feet at 10 a
Madison County		0100 CCT			0	0			
Huntsville	25	0120CST			0	0		Hail (0.75)	
Madison County	25	0120057			0	0		Thur dougtown Wit	d (C52)
Huntsville Washington County	25	0120CST			0	0		Thunderstorm Wi	lu (G52)
Washington County Farmington	25	0134CST			0	0		Hail (0.75)	
-	23	0154051			U	U		Han (0.75)	
Sebastian County									
Ft Smith	25	0733CST			0	0		Hail (0.75)	
Crawford County		07.41 COT			0	0		II (0.77)	
Van Buren	25	0741CST			0	0		Hail (0.75)	
Sebastian County	25	0741CST			0	0		Hail (0.75)	
Barling	25	0741CST			U	U		Hall (0.75)	
Franklin County									
Alix	25	1014CST			0	0		Hail (0.88)	
Sebastian County									
Ft Smith	25	1325CST			0	0		Hail (0.88)	
Crawford County	25	1245CST			0	0		Hail (0.75)	
7 E Alma Franklin County	25	1345CST			U	U		Hall (0.75)	
9 N Ozark	25	1400CST			0	0		Hail (0.75)	
Sebastian County	20	11000001			Ū	Ū		Hun (0170)	
7 SE Greenwood	25	1603CST			0	0		Hail (1.00)	
RKANSAS, Southea	st								
Ashley County	25	2230CST			0	0		Hail (0.88)	
Montrose Chicot County	25	2230031			U	U		11aii (0.00)	
Lake Vlg	25	2305CST			0	0		Hail (0.75)	
Lant VIZ	<u> </u>	1000001			v	U			
Ashley County									

Heavy rains flooded a few roads in and near town. One bridge was also under water.

		Time Local/	Path Length	Path Width		ber of sons	Estima Dama			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
ARKANSAS, Southwe	est									
Union County										
5 W El Dorado	17	1630CST	1 1'	,	0	0			Thunderstorm Win	d (G55)
	Severa	al large trees an	a power lines	were down.						
Hempstead County		••••			0	0				
Норе	19 Numa	2030CST rous roads in to	un un domuot		0	0			Flash Flood	
	Nume	rous roads III to	own underwat	er.						
Union County					0	0				
El Dorado	25	2250CST			0	0			Hail (0.75)	
Sevier County										
2 W De Queen	30	0715CST			0	0			Flash Flood	
	Severa	0820CST al roads underw	vater							
	Seven	ai roads under w	ater.							
Miller County	20	0015CGT			0	0	40K		Thur donatown Wie	J (C(40))
Doddridge	30 Nume	0815CST rous trees down	1 over county	roads Roof	0	0 home and		wn down	Thunderstorm Win	u (Gov)
	i vuine.		i over county	100005. 10001	olown oll u	nome une	i u poren oro	un down.		
Howard County	20	0930CST			0	0			Flash Flood	
1 S Nashville	30 Highw	vay 27 and Trei	nton Blvd wei	e reported un	•	U			riasii rioou	
	ingn.	ay 27 and 110	iton biva wei	e reponea un	der water.					
ATLANTIC OCEAN										
Sandy Hook To Manasquan Inlet Nj										
Out 20Nm										
Sandy Hook Bay	22	2116EST			0	0		0	Marine Tstm Wind	
Manasquan Inlet To										
Little Egg Inlet Nj Out										
20Nm					0	0		<u>^</u>		
Barnegat Inlet	22 A line	2222EST	arking the los	ding adga of	0 a atrong gol	0 d frontal s	naaaaa haln	0 od miv de	Marine Tstm Wind own winds in excess of	
									EST. This was the start	
	gusty	northwest wind	ds persisted t	hrough the ni	ght and in	many plac	ces exceeded	the peak	gusts with the cold fr	ontal passage after
		0	d. Peak wind	gusts were 4	9 mph (43 l	knots) at I	Barnegat Lig	ht (Ocean	County) and 47 mph ((41 knots) at Sandy
	Hook.									
New York Harbor										
Bayonne Bridge	26	1020EST			0	0			Marine Tstm Wind	
Fire Island Inlet Ny To Sandy Hook Ni Out										
Sandy Hook Nj Out 20Nm										
Rockaway Inlet	26	1025EST			0	0			Marine Tstm Wind	
Long Island Sound W										
Of New Haven Ct To										
Port Jefferson Ny										
Kings Point	26	1025EST			0	0			Marine Tstm Wind	
CALIFORNIA, Extre	me So	<u>utheast</u>								
CAZ032	River	rside County	Eastern De	eserts						
	01	0800PST		66 T	0	0			High Wind (G50)	
	High v same a		a semi-truck	off Interstate	10 near Ea	agle Mour	itain Road.	A motor	home also sustained w	ind damage in the
	same a	area.								

CALIFORNIA, North Central

NONE REPORTED.

		Time	Path	Path	Numb		Estimated]	March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perse Killed	ons Injured	Damage Property Crop	Character of Storm	
CALIFORNIA, North	neast								
CAZ072	Great 06 07	ter Lake Taho 0500PST 0500PST ood ski area at 7		ported 18 inch	0 nes of snow ir	0 1 24 hour	0 rs with a storm total	Heavy Snow of 24 inches.	
CAZ072-072	06 08 Heavy and a 4	48 hour storm to	the mountai tal of 39-45	inches was r	reported. Squ	aw Valle	ey Ski area reported	Heavy Snow 2-15 inches of snow fell in a 2 a 24 hour total of 10 inches at feet over a 48 hour period.	
CAZ072-072-072-072-		ter Lake Taho		total was 20	menes ut 626	o reet un	a so menes at 6260	leet over a to hoar period.	
072	Valley 24 hou	reported 14 inc	hes at 6200 of 35-36 inc	feet and 24 i thes. Sierra at	inches at 820 t Tahoe ski re	0 feet in ported 1	24 hours. Boreal s 8-24 inches of sno	Heavy Snow 7300 feet and 22 inches at 860 xi at 7200 feet reported 30 incl w in 24 hours at 8100 feet. Alg	nes of snow in
CAZ073	Mono 06 07) 0700PST 0700PST			0	0	0	Heavy Snow at 8200 feet in 24 hours.	
CAZ072	Great 06 07	ter Lake Taho 1600PST 1600PST RANS reported	be Area		0	0	0	Heavy Snow	
CAZ072	Great 06 07	ter Lake Taho 1730PST 1730PST	be Area		0	0	at 7377 feet in 24 h	Heavy Snow	
CAZ070-070	Surpt 07 The Bi snow i	rise Valley 1040PST 1410PST ureau of Land M	lanagement	reported 4 3	0 /4 inches of s	0 now in 3	0 3 hours in Cedarvill	Heavy Snow e at 4600 feet. Spotters report up to 6 inches in Cedarville (o	
CAZ071	07	m/Eastern Plu 1455PST 1655PST			0 Diashas of sa	0	0	Heavy Snow	
CAZ073	Mono 09) 1640PST		-	0	0	0 d gusts to 60 mph.	ear Hallelujah Junction. High Wind (G52) ^M	
CAZ072	10	ter Lake Taho 0610PST 1810PST RANS reported		f snow in 121	0 hours at 6100	0 feet in F	0 Kingvale.	Heavy Snow	
CAZ073	Mono 22	•			0	0	0	Heavy Snow	
CAZ072-072		ter Lake Taho 1900PST 0935PST			0	0	0	Heavy Snow	

		Time Local/	Path Length	Path Width		ber of sons	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	S Character of Storm	
CALIFORNIA, Nort	theast								
	-	•			*		of snow in 12 hour tion 5500 feet).	s at 7200 feet. The Alpin	ne County Sheriff's
CAZ073-073-073	Mone 22 23	0 1950PST 0800PST			0	0	0	Heavy Snow	
	Range	er Station (eleva	ntion 7500 fe	et) and 2.5 in	ches per hou	ir at Crow		d a snowfall rate of 2 inc. a 6780 feet). Mammoth S s at 7640 feet.	
CALIFORNIA, Nort									
CAZ001	12	vood Coast 1200PST n climbing on re	ocks was kno	ocked down by	0 waves. He	1 fell 8 fee	t onto other rocks re	Hazardous Surf eceiving minor injuries.	
CALIFORNIA, Sout	th Cent	ral							
CAZ089-091-095-			alley - Sw S	S.J. Valley -	Kern Cty	Mtns -	Indian Wells Vl	y - Se Kern Cty Deser	t
098>099	01	0000PST 1600PST			0	0		Wind	
CAZ090>092	Kern I gusts and L the 1s	Mountains, Jaw to 44 MPH at 2 aurel Mountain t.	bone RAWS 245 PST on , respectively	Feb 28th. In y; 58 MPH at	s to 45 MPF the Kern De Inyokern Ai	I (from 17 sert, gusts rport, and	753 PST on Feb 28t to 53 MPH and 54	n City had sustained wind h into the 1st of March) w MPH were reported at In 3 MPH at Government Pe	ith Tehachapi area dian Wells Canyor
CAZ090>092	02	ntral S.J. Va 0630PST 0730PST night low tempo	-	-	0	0	32F at Merced and	Frost d Allensworth and 31F a	t Lemoore causing
~	conce	rn among decid	-			-	Joaquin Valley.		·
CAZ092	Se S. 03	J. Valley 0530PST 0700PST			0	0		Frost	
			n Joaquin V	alley, overnig	ght low tem	peratures	dropped to the lo	w 30s with Allensworth	reporting 31F and
CAZ096>097	06	erra Mtns - T 1200PST	ulare Cty I	Mtns	0	0		Winter Storm	
	26 inc	ches of snow in e County Moun	1 24 hours, A	Agnew Pass r	eported 31"	and West	Woodchuck Mead	n Sierra Nevada Chilkoot low had 28" within a 48- th Lodgepole reporting 14	hour period. In the
CAZ096	S Sie 07	rra Mtns 1530PST 1900PST			0	0		Thunderstorm	
CAZ095-099	Kern 07 08	17001 ST 1 Cty Mtns - 5 2056PST 0600PST	Se Kern C	ty Desert	0	0		Wind	

included wind gusts to 37Kts at Edwards AFB, 50Kts at Mojave Airport, and gusts to 60 MPH at Walker Pass. Some thundershower and shower activity was reported in the Southern Sierra Nevada in the later afternoon hours.

	Time Local/	Path Pat Length Wie			Estimated Damage		March 2002
Location	Date Standard	-	ards) Killed		Property Crops	Character of Storm	
CALIFORNIA, South	Central						
CAZ089>092	W Central S.J. V 09 0300PST 0700PST	alley - E Centra	l S.J. Valley - Sw 0	S.J. Vall 0	ey - Se S.J. Valle	y Frost	
						growers in the Central at 32F at Mendota, Merced	
CAZ095-098>099	Kern Cty Mtns - 13 0956PST 2100PST	Indian Wells Vl	y - Se Kern Cty 1 0	Desert 0		High Wind (G83) ^M	
	In the Tehachapi Me	despread wind gusts	s in excess of 50 M	PH were rej	ported with peak gue	73 MPH with a peak gust sts in and around Govern	
CAZ089>091	W Central S.J. V 13 1102PST 2100PST	alley - E Centra	l S.J. Valley - Sw 0	S.J. Vall 0	ey	Wind	
	Valley experienced a reporting gusts to 4	gusty wind with spe 42 MPH, and Lem hout power in the Ce	eds sustained at 27 oore indicating gus	MPH/gusts ts to 37 M	to 36 MPH at Hilm IPH in Kings Coun	of the Central and South ar in Merced County, the ty. Local utility reports PST due to downed powe	Kettleman Hills indicated 6,000
CAZ089>092	W Central S.J. V 15 0311PST 0800PST Another cool morning	·	0	0		Frost agriculture. Overnight lo	w temperatures
						and 32F at Wasco and M	
CAZ098>099	Indian Wells Vly 16 1200PST 18 0401PST	-	0	0		Wind	
		the upper 40s to lo	ow 50s MPH range	with gusts	in the upper 50s to	rn Desert areas. Indian W around 70 MPH as repor	
CAZ095	Kern Cty Mtns 16 1300PST 18 0420PST		0	0		Winter Weather	
CAZ093>094-096>097	S Sierra Foothill 16 1810PST 17 2120PST	s - Tulare Cty Fo	oothills - S Sierra 0	Mtns - T 0	ulare Cty Mtns	Snow	
	well at elevations do Valley and Lodgepo Kern Mountains gus	own to at least 3000 ble receiving 5" of m sty wind compound IPH and Walker Pas) feet M.S.L. On lov lew snow, Badger F ed the problem wit ss had gusts to 49 M	ver elevatio ass 8", Pois h snow acc APH. In the	n roadways in Made son Ridge and Charl umulations on area e meantime 4" of sn	a Nevada but also in the ra County 2" of snow fel otte Lake 7", and Hume I highways. Ridge winds in ow accumulated at Glenn ue to snowfall.	l with Yosemite Lake 11". In the n the Tehachapi
CAZ089>092	W Central S.J. V	alley - E Centra	• .		ey - Se S.J. Valle		
	19 0400PST 0800PST		0	0		Frost	
		erests. Reported m	inimums included	-		w temperatures again cau isworth and Porterville,	
CAZ096	S Sierra Mtns 22 1600PST 24 0400PST		0	0		Winter Storm	
CAZ097	Tulare Cty Mtns 22 1600PST 24 0400PST		0	0		Snow	
	Snow totals for this					(and Tulare County Mou 9" at Tamarack Summit a	

28

		Time	Path Length	Path Width		ber of	Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	(Yards)	Killed	sons Injured	Damage Property Croj	ps Character of Storm	
CALIFORNIA, South	Cent	ral							
Fresno County	Cent	<u>a a a</u>							
(Fat) Air Terminal	23	1317PST 1600PST			0	0		Thunderstorm	
Fresno County									
(Fch) Chandler Af	23	1317PST 1600PST			0	0		Thunderstorm	
Kern County									
(Bfl)Meadows Field Ap	23	1317PST 1600PST			0	0		Thunderstorm	
	Thund	lerstorms occu	rred within 10	SM of Baker	sfield and F	resno airj	ports during the ear	rly and mid afternoon of the	23rd.
CAZ095-098>099	Kern 24	Cty Mtns - 0448PST 1600PST	Indian Wel	ls Vly - Se I	Kern Cty 1 0	Desert 0		Wind	
	•	conditions ag					s on the 24th. Jawl had gusts to 54 M	oone Canyon reported northv PH.	vest wind gusts to
CALIFORNIA, South	east	-				-			
CAZ028		Bernardino	County Des	erts					
	13	1100PST 1300PST	y		0	6	60K	Dust Storm	
	seven-	car pile-ups,	injuring severa	al people. The	interstate	was close		ear Yermo. These low visib- to the low visibilities and d people.	
CALIFORNIA, South	west								
CAZ048		Bernardino	County Vall	ev/The Inla	nd Empir	e			
	01	0830PST 1200PST	.		0	0	30K	High Wind (G43) ^M	I
	High v		ed a scoreboard	d and flipped of	over a car no	ear Devor	re.		
San Bernardino County									
Grand Terrace	02	1245PST 1400PST			0	0	5K	Wild/Forest Fire	
	A wild out.		oy 30-40 mph v	winds, consum	ed a 20 foo	t by 20 fo	oot stack of woode	n pallets and 5 acres of brush	before it was put
CAZ060>061	Apple	e And Yucc	a Valleys - (Coachella Va	alley				
	13	0900PST 1220PST			0	1	170K	High Wind (G56)	
CAZ060>061	Apple		a Valleys - (Coachella Va					
	13	1130PST 1815PST			0	0	40K	Dust Storm	
							to zero along all m munity College bu	ajor highways. The winds a ilding	lso flipped over a
CAZ043	San I	Diego Count	ty Coasts						
	16	0600PST 1800PST	-		0	3	60K	Winter Weather Mix	1
	off the others	e coast, due to sustained bre	the combinati	on of four foo veral crewmen	ot wind way	es and ar	n eight foot northw	Sailing Regatta. Very rough est swells. Two boats were of f the assist boats were busy	lismasted, several
CAZ061	Coac	hella Valley	,						
	16	1817PST			0	0		Dust Storm	
Riverside County						-			
Corona	17	1542PST 1730PST			0	0		Wild/Forest Fire	
	High v	wind caused a	dust storm in	the Coachella	Valley and	aggravat	ed a brush fire the	e next day. More than 100 ac	res burned before

High wind caused a dust storm in the Coachella Valley and aggravated a brush fire the next day. More than 100 acres burned before the fire was controlled.

St	ori	n Data	and	Unus	ual W	/eat	her Phen	omena	
		Time Local/	Path Length	Path Width	Numb Perso		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
CALIFORNIA, South	west								
CAZ055>056-058-060	San F		ounty Mo	untains - Ri	verside Co	unty M	lountains - San Die	go County Mounta	ins - Apple And
	Yucca 17	a Valleys 1500PST			0	32		Heavy Snow	
	17 18	0742PST			U	32		Heavy Show	
San Diego County									
(San)San Diego Intl CAZ048	17 C. T	2330PST			0	0		Lightning	
.ALU40	San E	Bernardino C 1050PST	ounty van	ey/ I ne Inia	na Empire 0	0		High Wind (G56)	м
	Border Mount than 1	r Patrol agents r tains near Pine V 2 inches of sno	alley. Whit w fell abov	eout condition e 6000 level	is were reporting less than	ted over 12 hours	re lightly clad and suff the High Desert areas. s. Thunderstorms were ional Airport. Small ha	ering from hypotherm The snow level was me e present during the n	ear 2500 feet. More niddle of the night.
San Diego County									
Camp Pendleton	21 22	1200PST 0600PST			0	0		Wild/Forest Fire	
	A brus	sh fire that beg		•			acres before full cont s briefly down to 1 1/4		no injuries, and no
Orange County									
Yorba Linda to Fullerton	23	2337PST			0	0		Urban/Sml Stream	Fld
	Standi	ng water on Sta	te Route 91	from heavy ra	in.				
San Diego County 3 W (Crq)Palomar Arpt	24	0540PST			0	0		Funnel Cloud	
San Diego County 5 W (Crq)Palomar Arpt	24	1820PST 1824PST			0	0		Funnel Cloud	
CAZ048>050-050		Bernardino C ity Valleys	ounty Val	ley/The Inl	and Empir	e - Rivo	erside County Vall	ey/The Inland Em	pire - San Diego
	31	0000PST			0	0		Fog	
	P	2359PST	•.	C 1		11			
		fog with visibil	ity near zero	, formed over	the inland va	uleys.			
CALIFORNIA, Upper		10.1.	N						
CAZ081-081-081	Centi 09	ral Siskiyou (1144PST	ounty		0	0		High Wind (G63)	М
	The R. A Hig observ observ	1319PST AWS at Weed A h Wind Warning rations verified rations from the	g was issued the warning same sensor	for the Shast The Weed also met hig	ed wind of 43 a Valley arou RAWS high h wind warn	mph. and Weed est susta ang criter	d at 2102 PST on 03/08 ined and highest peak ia. A second High Wi I Advisory at 0550 PST	8 and expired at 09/18 wind are listed above ind Warning was issue	e, but several other
CAZ082		n Central Sisk	kiyou Cour	nty					
	10 Mt Sh	0830PST asta Ski Park re	norted 11 in	ches of spore	0 overnight	0		Heavy Snow	
	A Hea		ning was iss	sued for Cali	fornia zones		0/082 at 0540 PST or e warning.	n 03/09/02 and expire	d at 1445 PST on
CALIFORNIA, West S	South	Central							
Los Angeles County	12	1 25 0PST			0	0		Wind	
Los Angeles Los Angeles County	13	1250PST			U	U		** IIIU	
Studio City Los Angeles County	13	1350PST			0	0		Wind	
Hollywood	13	1455PST			0	0		Wind	
·		weet winds bet	via an 20 and	10 mmh line.	lead dorum of			ounty producing some	minor domogo In

Gusty west winds between 30 and 40 mph knocked down some trees across Los Angeles county, producing some minor damage. In Los Angeles, the gusty winds knocked over a 50 foot tree onto a van. In Studio City, the winds knocked down a tree onto a UPS truck. In Hollywood, the winds knocked down a tree onto a car. No injuries were reported with any of the incidents.

Si	tori	n Data	and	Unus	ual W	eat	her Phen	lomena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	Character of Storm	March 200
CALIFORNIA, West	South	Central							
Los Angeles County .5 S Long Beach	13 Gusty	1745PST		30 and 40 mj	0 ph knocked a	0 16 foot	boat into the breaky	Wind vater in Long Beach F	Iarbor. No one wa
CALIFORNIA, Weste		i, out no oout st							
	NONE	E REPORTED.							
CARIBBEAN SEA AN Deerfield Beach To Ocean Reef Fl 20 E Government Cut	11	1430EST			0	0		Waterspout	
Deerfield Beach To Ocean Reef Fl 5 SE Port Everglades	A pilo 11	t reported a wate	erspout in th	e Atlantic	0	0		Waterspout	
Jupiter Inlet To Deerfield Beach Fl Out 20Nm	A wate	erspout was sigh	tted by a pilo	ot in the Atlan	ıtic.			·	
30 E Jupiter Inlet	21 A pilo	1143EST t reported a wate	erspout in th	e Atlantic.	0	0		Waterspout	
COZ035>036-038>041- 043>044-048	Gilpin Coun 6000 Coun 01 Upslop inches Canyo at the	n / Clear Cr tty - Boulder Feet / Denvo tties Above 60 0000MST 1000MST pe conditions all at Eldorado Sp n, Crescent Parl	eek / Ne & Jeffers er / W A 000 Feet - lowed for he orings and m c, 1 mile no Campus ar	Park Coun on Countie dams & An C & S Weld eavy snow to hear Genesee, rth of Lovelar ad Morrison, 3	ties Below s Below 600 rapahoe Co l County - N 0 develop, espe 13 inches at and Red Fe 3 inches at Br	9000 F 00 Feet ounties Morgar 0 cially in Lookou	Seet - Larimer Co (/ W Broomfield / E Broomfield a County - Logan and near the Front R t Mountain and Hors akes, 10 inches, 2 mil	ounty Below 6000 County - N Dougla County - Elbert /	Feet / Nw Weld as County Below C & E Douglas totals included: 14 aches at Coal Creek Nederland, 9 inches
COZ035>036	Gilpi 08 09 High v	n / Clear Cre 2300MST 1000MST winds occured a	ek / Ne Pa cross portio	nrk Counties	s Below 900 0 at Range Foot	0 Feet 0 hills. Pe		Douglas Counties A High Wind (G82) ided: 95 mph (82 kt) 1	М
COZ035	Larin 14 Heavy	ner & Boulde 0000MST 0930MST	er Countie	es Between (5000 & 9000 0) Feet 0		Heavy Snow	of Jamestown, and
COZ045>046	C & L 24 Thund Interst snow	E Adams & A 1200MST 1700MST erstorms that fo ate 70 from arou was also reporte	Arapahoe (ormed along and Byers to ad between I	Counties - N ; a stationary) Arriba. A st Flagler and A	0 boundary, tri orm spotter, 2 rriba, causing	0 ggered 1 0 miles snowpa	0 ocally heavy snowfal northeast of Byers, m	eet / N Lincoln Cou Heavy Snow II, up to 2 inches per l easured just over 6 inc nely poor visibilities. near Arriba.	nour, along parts of hes of snow. Heavy

		Time	Path	Path	Number		Estimated	М	arch 2002			
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Person Killed Ir	s njured	Damage Property Crops	Character of Storm				
			(()			in provide the providet the provide the provide the provide the provide the provide the provide the providet the provide the providet the provide the providet the provide					
COLORADO, Centra COZ035>036			er Countie	s Between 6	6000 & 9000	Feet -	Jefferson & W I	Oouglas Counties Above 6	000 Feet			
				rk Counties				-				
	28	0800MST 0945MST			0	0		High Wind (G83) ^M				
	•	inds develope			-		•	ded: 95 mph (83 kts), 2.5 mi 70 mph (61 kts) at Blackhawk				
		ark, or inpli (0 Kts), 1 IIII		z i cak, 72 mp	II (05 KIS) at Rominsvine and	70 mpn (01 kts) at Diaeknawk	•			
<u>COLORADO, East C</u> COZ090>092		County - K	it Carson (County - Ch	evenne Cou	ntv						
	01	0400MST 1600MST		county - Ch	0	0		Winter Storm				
		A strong winter storm provided eastern Colorado with 2 to 5 inches of snow. The storm produced north winds										
	conditio		erstate 70. T	he strong win	-			w one mile, creating hazard ngle digits, produced wind ch				
COZ091>092	Kit Ca	arson Count	y - Cheyen	ne County								
	24	1000MST		·	0	0		Winter Storm				
	A narro	1800MST A narrow band of 4 to 8 inches of snow developed along and south of a Flagler to Burlington line on March 24th. This band of heavy										
	snow re	educed visibili	ties below on	e mile and clo	sed Interstate	70 from 1	Limon to Oakley.		-			
COLORADO, South	Central	and Sout	neast									
COZ066-068-070-074		-					t And Northern (Custer Counties - Wet M	ountains -			
	Opper 01	· Huerfano J 0230MST	River Basii	1/Walsenbu	rg And Vicii	nity 0		Heavy Snow				
		1500MST						·				
	snow a Creek 1 and aro	cross portions received 6 incl ound Walsenbu	of southern hesaround irg with 10 to	Colorado. Son Beulah in Pue	me of the heav blo county 8 i snow accumul	vier amounches wa	unts include: In Fre as notedin Huerfar La Veta and Cuchar	oss northern New Mexico pro- mont county12 miles norther to county6 to 7 inches was a. Lesser amounts from 1 to 4	ast of Texas measured ir			
COZ059-061	W La	ke / W Chaf	fee County	- Eastern S	an Juan Mo	ountain	s					
	08	0030MST 1600MST	ice county		0	0		Heavy Snow				
	over the 14 inch elevatio	e southwest ar es of snow at ons of the Saw	d central mo the Wolf Cre atch Range i	ountains. Somo ek Ski area, w	e of the heavie which is also lo rado. An isola	er snows cated in	were 12 inches at Sa Mineral county. Mo	al Colorado producing some h inta Maria reservoir in Mineral ore than 8 inches of snow fell i noted in Custer county where	l county and n the higher			
COZ067-071						n Fl Þe	oso County/Color	ado Springs And Vicinity	,			
	24	1500MST 2030MST		ge/1 ikes 1 e	0	0		Heavy Snow				
					1 0 /	00		v. Snow also fell in the mount Custer, and Huerfano countie				
	Colorad	to springs. L	esser amount	s of 2 to 5 mer	les were noted	i ili Fiem	ont, western Fueblo.	Custer, and Huerrano countie	5.			
COLORADO, West COZ002-004-009>010- 012		-					ins - Grand And atch Mountains	Battlement Mesas - Gore Heavy Snow	e And Elk			
	An uns three to	2000MST easonably colo o five inches	at the lower		to 10 inches of the Northwe	f snow ir		ntral mountains of western Co winds of 20 to 30 mph over				
COZ002>005-008>010 012>013-017>019	River Moun	Basin - tains/Centra	Central C al Mountai	Colorado R n Valleys - V	iver Basin West Elk An	- Gr nd Sawa	and And Battl atch Mountains -	d Park Mountains - Upp ement Mesas - Gore Flattop Mountains - Unc ern San Juan Mountains Winter Storm	And Ell			

		Time Local/	Path Length	Path Width	Number Person		Estimated Damage		March 2002		
Location	Date	Standard	(Miles)	(Yards)		njured	Property Crops	Character of Storm			
COLORADO, West											
	mount was a respec	ains of western t Gothic with 2	Colorado an 29 inches, v on, wind gu	nd four to six while the ski sts of 40 to 6	inches at the areas of Cres 0 mph were co	lower sted B	elevations of northwo utte and Aspen Hig	duced 8 to 20 inches o est Colorado. The high hlands reported 22 incl th a peak wind gust of	est amount reported hes and 21 inches,		
COZ001>004-006>010- 012>013-017>018	Mour Battle Flatte 13 14	ntains - Gra ement Mesas op Mountains 1400MST 1600MST	nd Valley - Gore An - Uncomj	- Debequ d Elk Mou oahgre Plat	ue To Silt (untains/Centra teau And Dal 0	Corrid ral M llas D 0	lor - Central Co ountain Valleys - ivide - Northwest	yaputs Plateaus - Ell blorado River Basin West Elk And Sawa ern San Juan Mount Winter Storm herally producing 8 to 1-	n - Grand And atch Mountains - tains		
	the mo Area. Winds were	ountains. Steam At lower elevati s of 40 to 60 mj	boat Spring ons, four to oh created w	s and Snowm eight inches videspread bl	ass Ski Areas b of snow were owing and drif	ooth re commo ting sr	ported 18 inches of s on. However, 12 inch ow over the higher of	now, with 15 inches at A les fell at Maybell in the elevations. The highest Telluride Ski Area and	Aspen Mountain Ski Northwest Plateau. wind gusts reported		
COZ010	Gore 14	And Elk Mor 1455MST 1500MST	untains/Co	entral Mou	ntain Valley 1	s 0		Avalanche			
								pen Mountain, at an ele victim under five feet o			
COZ010	Gore 14	And Elk Mor 1455MST 1500MST	untains/Co	entral Mou	ntain Valley 1	s 2		Avalanche			
	The av	up of backcount	imated to be	e 600 to 800 f	eet across and			h of Ashcroft at an eleva feet. One person was bu			
COZ018	Nortl 15	hwestern San 1315MST 1320MST	Juan Mot	intains	1	1		Avalanche			
	travele	Two out-of-bounds skiers triggered a soft-slab avalanche east of the Telluride Ski Area at an elevation of 11,800 feet. The slid traveled 2200 vertical feet, killing one person and seriously injuring another. The victim was not recovered until weeks later, as debriat the bottom of the slide was estimated to be 30 feet deep and hardpacked. F310U									
COZ003-009-012-								st Elk And Sawate	ch Mountains -		
018>019	Nortl 16 17	hwestern San 0000MST 1200MST	Juan Mou	intains - So	outhwestern 0	San J 0	uan Mountains	Heavy Snow			
	the mo		•					widespread 6 to 12 inch ngo Mountain resort rec			
COZ013	Flatto 17	op Mountains 1330MST 1335MST	5		1	0		Avalanche			
	Rio B	nobilers triggere	The slide bur	ied and killed	l one man unde	r 3 fee	t of snow while still o	outhwest of Steamboat 3 on his snowmobile and p			
COZ019	South 31	1western San 1030MST 1035MST	Juan Mou	intains	0	0	0.50K	Avalanche			
			•		*	lanche	five miles west of Si	lverton, at an elevation of	of 11,000 feet. They		

CONNECTICUT, Northeast

NONE REPORTED.

S	tor	m Data	and	Unus	ual W	eat	her Phe	enomen	a
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Person Killed Ir		Estimated Damage Property Crop	ps Character o	March 2002
CONNECTICUT, No	orthwe	st							
	NONI	E REPORTED.							
CONNECTICUT, So	uthern	<u>1</u>							
	NONI	E REPORTED.							
DELAWARE DEZ001>004	01 31 Delaw well a 1950s bolste preser warnii volund dishw becau in the entire Condi 27th a entire	as seven of the set a and 1960s drou red by a 5 million rve as much water ng with special of tarily conserve w asher and clothes se water levels w e Delaware River drainage basin. itions improved a and 31st caused n state was wetter	2002 with venteen mo ghts includ 1 gallon a d er as it can emphasis o ater by rest s washer w Basin ford s the month nonthly pro-	considerably nitored groun ding the Chri lay release fro in case of e n New Castle tricting all noo ith full loads. Plans were a ced the Delaw n wore on. Pro ecipitation in d. On a county	0 dry conditions dwater wells w stina River. T m the Marsh C mergency. On e County becau n-essential uses The state can also made to taj ware River Bas ecipitation ever Delaware to b y weighted ave	0 . Twent ere at r he Bran reek Re March is such a celled t o the He in Com	ecord low levels. adywine Creek weservoir in Cheste 5th Governor Ru ts reliance on su s washing cars ar he annual trout st popes Reservoir for mission to contin farch 2nd and 3rd e normal. This wa farch monthly pre	They were lower yas flowing at re- r County. The sta- th Ann Minner rface water. The dusing wise wa tocking at Gravel or water if necess- nue its drought e l, 12th and 13th, as the first month cipitation totals v	in Maryland and Delaware as than the levels set during the ecord lows in spite of being the also asked Pennsylvania to declared a statewide drought governor asked residents to ter habits such as running the l Hill Pond near Georgetown sary. The lack of precipitation emergency declaration for its 17th and 18th, 20th, 26th and a since June of 2001 that the vere 4.0 inches in New Castle ation total was 5.40 inches in
DEZ001>004	conce very s		it crops, es The percer	pecially the v ntage last year	vinter wheat cr on March 31st	op. At was 25	the end of the mo	onth 38 percent o	on returning to normal levels, of the state's soil was short or
	A stro thunde Missis throug Peak	1900EST ong cold frontal erstorms accomp ssippi Valley and ghout the dayligh	anied its pa a very inte t hours on ged betwee	assage. The second press the 10th. As to n 35 and 50 m	urface pressure sure system (ar he high pressur nph and includ	differe ound 9' e syste	oldest air masses ence (pressure gra 70 millibars) just m moved closer t	s of the winter s adient) between a east of James Ba o Delaware late	eason on the 10th. Scattered a high pressure system in the py produced windy conditions in the day, winds diminished. uph at the New Castle County
DEZ001>004	21 22 A stro mph. ⁷ and du	The strong gusty uring the ensuing	ved through winds pers evening ho	h Delaware du isted throughours. Peak wir	0 aring the evenin but the night, a ad gusts include	0 ng of th lthough ed 45 m	the strongest wir	ompanied by win ad gusts occurred astle County Airp	d gusts of between 30 and 45 with the cold frontal passage ort, 44 mph in Delaware City
DISTRICT OF COL									
DCZ001	21 22 A stro gusted throug Up to on fire	d as high as 58 M gh 4 AM on the 2 4000 customers a e at 14th and Tuc	ont pushed t APH. The 2nd. Mino across the I kerman stre	highest wind or structural da District were weets in Northw	s occurred betw amage was repo vithout power f vest. A wind g	ween 6 orted in or seve ust of 5	PM and Midnigh isolated locations ral hours. A falle	nt on the 21st, bu s, in addition to d n tree downed a ded at Reagan W	n strong northwest winds that at gusty conditions continued lowned trees and power lines. power line which set two cars 'ashington National Airport at
FLORIDA, East Cen Indian River County 9 W Vero Beach	<u>tral</u> 26	1450EST			0	0	0 0) Hail (0.88)

St	tor	m Data	and	Unus	ual W	⁷ eat	her F	Phen	omena	
		Time Local/	Path Length	Path Width	Numb Perso		Estim Dama		March	2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
FLORIDA, East Centr	ral									
Martin County										
Indiantown	26	1628EST			0	0	0	0	Hail (0.75)	
Volusia County	•	1045505			0	0	0	0		
De Land	26	1845EST			0	0	0	0	Hail (0.75)	
Brevard County										
Palm Bay	26 Thur	2055EST lerstorm winds b	larri darrin a	forry longo tra	0 in Dolm Do	0 v daataa	2K	0 ahad and	Thunderstorm Wind	
			new down a	lew large tiet	28 III F allili Da	y desiro	ying a sman	sileu allu	a tence.	
FLORIDA, Extreme S	outhe	e <u>rn</u>								
	NONI	E REPORTED.								
ELODIDA Nowtheast										
<u>FLORIDA, Northeaste</u> Marion County										
Dunnellon	12	2100EST			0	0	0.50K		Tstm Wind/Hail	
	Large	branches from J	pine tree sna	pped off by th	understorm v	vinds an	d landed on	car.		
Alachua County										
5 SE (Gnv)Gainesville A	12	2113EST			0	0			Urban/Sml Stream Fld	
	Flood	ing of State Roa	d 20 reporte	d by amateur	radio operato	ſ.				
St. Johns County										
Crescent Beach	24	1600EST			1	0.			Rip Currents	
	42 Ye M42IV		npted to resc	ue children ai	nd was caugh	t in a rip	current. Ta	ken to Fla	gler Hospital and died on 03/25/02.	
Elaglar County										
Flagler County 5 N Bunnell	26	1805EST			0	0			Tstm Wind/Hail	
		1810EST								
	Pea si	zed hail reported	l by the publ	ic and EMA.						
Columbia County										
2 W Lake City	31	2125EST	- 110 11:-1		0 	0	0.10K		Thunderstorm Wind	
	-	rees down acros	ss US Highw	ay 90 and Fo	rtress Ka.					
FLORIDA, Northwest	•									
Calhoun County Countywide	03	0200EST			0	0	10K		Flood	
Countywhee	05	0600EST			v	U	1013		11000	
•	Appro	ximately 80 per	cent of the c	ounty dirt roa	ds were close	d. Repo	rted by the C	Calhoun C	ounty EMA.	
Leon County Countywide	03	0200EST			0	0	1M		Flood	
Countywhee	05	0600EST			v	U	101		11000	
									Carriage Estates mobile home park	
		were closed. R						vehicles.	Numerous county roads and Tallah	assee
Wakulla County	54000		eponed of t			20011 000				
Countywide	03	0200EST			0	0	20K		Flood	
	Some	0600EST	ere closed S	State Highway	267 received	l minor i	flooding wit	h some ha	omes isolated by high waters. Report	ed hy
		akulla County E		Juice Highly uj	207 10001700	. minor	nooung, wh	n some n	sines isolated by high waters. Report	cu oj
Jefferson County										
Countywide	03	0300EST 0700EST			0	0	20K		Flood	
	Nume		ds were close	ed with some	dirt roads wa	shed out	. Seven to e	leven incl	nes of rain fell over the northern half	of the
	county	, with widespro	ead flooding	in the Lloyc	l and Thomp				ate of emergency was declared by c	
Madison County	officia	ils. Reported by	the Jefferso	n County EM	А.					
Countywide	03	0300EST			0	0	10K		Flood	
		0700EST			-					
	Nume	rous county roa	ds were clos	ed. Between	six and 10 ind	ches of r	ain was reco	rded.		

		Time Local/	Path Length	Path Width	Numb Perso		Estima Dama			March 200	
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm		
FLORIDA, Northwest	-										
Leon County	_										
Tallahassee	03	0412EST			0	0	100K		Lightning		
	Lightn	ing sparked a fi	re that sever	ely damaged	a house. Rep	orted by	the Tallahas	see Demo	ocrat.		
Bay County											
Bayou George	12	1536EST			0	0	75K		Thunderstorm Win	d	
	A dou Herald		was destroy	yed, a roof w	as blown off	a house	, and trees v	vere topp	led. Reported by the F	Panama City New	
Bay County	Tioruit										
Southwest Portion	12	1545EST			0	0			Hail (0.75)		
	Dime	size hail near the	e coast. Rep	orted by the	Bay County H	EMA.					
Bay County											
Southwest Portion	12 Trees	1545EST down at Sand H	ill Reported	t by the Bay (0 County EMA	0	2K		Thunderstorm Win	d	
Jackson County	nees	down at Sand II	пі. Керонес	a by the Day	County LIVIA	•					
Marianna Muni Arpt	12	1545EST			0	0	250K		Thunderstorm Win	d	
-	The ro	of of an airport	hanger was	blown off an	d destroyed a	nearby	plane. A pla	atform in	front of a car dealership	p fell across powe	
	lines o	on Lafayette Stre	et. Reported	d by the Jacks	on County E	MA.					
Gulf County											
Northeast Portion	12	1640EST			0	0	50K		Thunderstorm Win	d	
	A buil	ding was destro	yed. Reporte	d by the Gulf	County She	iff.					
Liberty County											
Summatra	12	1725EST			0	0	5K		Thunderstorm Win	d	
	Trees	and power lines	down on Sta	ate Highway	65. Reported	by the L	iberty Count	y Sheriff.			
Franklin County											
Countywide	12	1730EST 1740EST			0	0	15K		Thunderstorm Win	d	
			power lines	down in Apa	alachicola, C	arrabelle	, St. George	Island a	nd East Point. Reporte	ed by the Franklin	
Leon County											
Tallahassee	12	1755EST			0	0			Hail (0.75)		
	Dime	size hail at the in	ntersection of	of Tharpe and	North Monro	e Streets	 Reported I 	oy Tallaha	assee Police.		
Wakulla County					<u>^</u>	0	4.077			-	
Countywide	12	1755EST			0	0	10K		Thunderstorm Win	d	
	1800EST Some trees and power lines down. Reported by the Wakulla County Sheriff.										
Taylor County		-				-					
Perry	12	1907EST			0	0	1K		Thunderstorm Win	d	
reny		ows blown out o	f a house on	Holt Road				A	inunderstörin (()in	u	
Madison County	, inde		i u nouse on		topontod og t	10 I U J I O	County Lin				
Countywide	12	1910EST			0	0	2K		Thunderstorm Win	d	
·		1920EST									
	Nume	rous trees down.	. Reported b	by the Madisc	n County EN	IA.					
FLORIDA, Southern											
	NONE	E REPORTED.									
FLORIDA, West Cent	ral										
FLZ039	Levy										
	01	0100EST			0	0			Freeze		
	-	0600EST			-						

Cold high pressure, which had produced widespread freezing temperatures from Tampa Bay north on February 28th, continued it's grip along the nature coast on March 1. Minimum temperatures across much of Levy County ranged from 27 to 30, lasting up to 5 hours. East winds arrived before daybreak, warming temperatures above 32 before 7 AM.

FLZ049>052-055>057- Pasco - Pinellas - Hillsborough - Polk - Manatee - Hardee - Highlands - Sarasota - De Soto - Charlotte - Lee 060>062-065 02 1100EST 0 0 7K Wind

			D 1	Dath		c		1		
		Time Local/	Path Length	Path Width	Numb Perso		Estimate Damag			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
FLORIDA, West Cen	tral									
	central in exce was ur Haven and a s	l coastal counti ess of 40 mph nder construction by estimated sailing competi	es from late i between noor on in Holiday 40 to 50 mph ition was can	norning thro and 2 pm. 1 (Pasco Co). gusts. Seve celled due to	ugh the aftern Minor damage A portion of ral vendor ter the gusts. Th	oon. Su was no decayin nts were ne winds	stained winds ted across the g outer panelin blown down s enhanced a s	ranged f area, inc ng was st at a weel mall brus	strong and gusty south from 25 to 30 mph, with luding roof trusses from ripped at a multi-unit re- kend celebration in Cap sh fire along highway 4 of strongest winds.	h a period of gusts n a building which esidence in Winter pe Coral (Lee Co),
FLZ039-042>043	Levy 05	- Citrus - Su 0300EST 0800EST	mter		0	0			Freeze	
	pressu quickly	ied arctic air fi re system with	origins in the ng thereafter	Canadian pi	airies. Temp	eratures	fell into the up	oper 20s	5th, courtesy of yet a and lower 30s prior to sula, as the coldest ai	laybreak, warming
FLZ039-042>043-048	Levy 08	- Citrus - Su 0500EST	mter - Her	nando	0	0			Fog	
	A wea air ma before	0900EST akening and dep ass just off the	earth's surfa	ce. Widespr	re system pro ead dense for	duced a g develo	ped over the	nature co	ively cool moist air un oast (Hernando County r less in most areas bef	to Levy County)
Citrus County										
3 N Floral City	26	1445EST			0	0		0.25K	Tstm Wind/Hail	
	An est Floral		n thunderstor	m wind gust	s knocked do	wn seve	ral 1 to 2 inch	diamete	r tree limbs on a resid	ent's property near
Hillsborough County										
5 NW Tampa	produc		e damage at a	a home in the	Town 'N' Co	untry se	ction of Hillsb	orough C	Whirlwind pheric mixing under cle County. Three cement	•
FLORIDA, West Pan Escambia County	<u>handle</u>	<u>}</u>								
Pensacola	12	1200CST 1202CST			0	0	20K		Thunderstorm Win	d (G50)
	Trees a	and power line	s were blown	down and a	couple of buil	dings su	ffered minor r	oof dama	ge in Pensacola.	
Santa Rosa County Milton	26	1030CST 1031CST			0	0	10K		Thunderstorm Win	d (G50)
	Trees a	and power line	s were blown	down east of	A					
					Milton.					
Escambia County Belleview	31	1000CST			0	0	15K		Lightning	
-	Lightn	1001CST		lleview area.	0			and was	Lightning put out by the fire dep	partment. The attic
Belleview	Lightn suffere	1001CST ning struck a ho		lleview area.	0			and was		partment. The attic
Belleview	Lightn suffere <u>tral</u> 31	1001CST ning struck a ho ed major damag 1245EST	ge.		0			and was		artment. The attio
Belleview GEORGIA, East Cent Mcduffie County	Lightn suffere tral 31 Post O 31	1001CST hing struck a ho ed major damaş	ge. I inch hail in	Thomson.	0 The strike st	arted a f		and was	put out by the fire dep	artment. The attic

		Time Local/	Path Length	Path Width	Per	ber of sons	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Cro	ops Character of Storm	
GEORGIA, East Cent	tral								
Richmond County									
Augusta	31	1330EST			0	0		Hail (0.75)	
	Spotte	r reported 3/4 ir	ich hail in Au	igusta.					
Richmond County									
Augusta	31	1338EST			0	0		Hail (1.75)	
	Spotte	r reported golf b	all size hail	in west Augu	sta.				
Richmond County		1420505			0	0		II (0.77)	
Augusta	31 Comm	1420EST			0	0		Hail (0.75)	
	Genera	al public reporte	ed dime size l	nail in Augus	ta.				
GEORGIA, Lower									
Camden County									
St Marys	03	1100EST			0	0		Urban/Sml Stream	Fld
	Highw	ay 40 at intersta	ate 95 floode	d at overpass	. Spur 40 ne	ear Crook	ed River Element	ry School flooded to one for	ot depth. Numerous
	second	lary roads flood	ed in St. Mar	ys.					
Wayne County									
Screvan	12	1900EST			0	0	0.20K	Tstm Wind/Hail	
		erstorm winds l	nocked over	pine trees ar	d damaged	storage sh	heds.		
				1	U	0			
Atkinson County		1020507			0	0		T 4 XX7 1/TT 1	
Willacoochee	12 Dourse	1930EST	woffin links	out	0	0		Tstm Wind/Hail	
	Power	line down and	trainc lights	out.					
Glynn County									
Brunswick	26	1750EST			0	0		Tstm Wind/Hail	
	Pea siz	zed hail reported	l by spotter.						
GAZ001>009-011>016- 019>025-027-030>039- 041>062-066>076- 078>086-089>098- 102>113	Picke Picke Poll Hara Talia Warr Jeffer Chatt Webs 01 05 The se and ea of day Tempo occurr While certain rise in reading	ns - Dawson k - Paulding lson - Carrol ferro - Hear ren - Troup - rson - Harris tahoochee - l ster - Sumter 0000EST 1200EST cond Arctic col rly afternoon of ys of February retures during ed on the 4th a this Arctic blas ly significant. to the 40s acros gs were observed	- Lumpkin - Cobb - II - Dougla d - Cowetz Meriweth - Talbot - Marion - S - Dooly - C d front to aff f the 3rd. Te . For examp the first 5 c nd 5th when t was slightly High temper ss central Ge ed during the	- White - I North Ful s - South I a - Fayette er - Pike - Taylor - C Schley - M Crisp - Pula ect Georgia v mperatures w ble, Macon s lays of Marc temperatures y less intense atures on the orgia, after v morning of	Floyd - Ba ton - Gwi Fulton - D - Clayton Upson - L rawford - acon - Pe ski - Wilce 0 vithin a one vere just beg still set a r ch averaged s averaged a than the on e 4th struggl videspread r	rtow - C nnett - pe Kalb a - Spale amar - Bibb - 7 ach - F ox - Doc 0 week per inning to ew recor around 1 bout 20 c e which a ed to rise norning 1 a lows of	Cherokee - Fors Barrow - Cla - Rockdale - V ding - Henry - Monroe - Jone Fwiggs - Wilkin Jouston - Blect lige - Telfair - V iod surged throug moderate from the rd low temperatu 15 degrees below non effected the same above the freezin ows of 20 to 25 at 15 to 20 were co	Jnion - Towns - Chatto syth - Hall - Banks - Jac rke - Oconee - Ogleth Walton - Newton - Mor Butts - Jasper - Putne es - Baldwin - Washing nson - Johnson - Emanu kley - Laurens - Treu Wheeler - Montgomery Unseasonably Cold h north and central Georgia te extreme cold observed du ure of 20 degrees Fahrenh ormal, but the height of rmal across most of north a area the last couple of days ng mark across north Georg and teens in the north mour mmon in the north and 20 t rning of the 5th for the lowes	ekson - Madison orpe - Wilkes - rgan - Greene - am - Hancock - ton - Glascock - iel - Muscogee - tlen - Stewart - - Toombs during the morning ring the last couple eit on March 1st. the cold outbreak nd central Georgia. of February, it was ia and struggled to ttains. The coldest o 25 in the central.
Forsyth County									
Coal Mtn	09	1442EST			0	0		Tstm Wind/Hail	
		ablic reported ap	proximatelv	1/2 inch diar		-			
Coordenal Coorde	I.	. 1							
Crawford County	10	1550587			Δ	Δ			
Zenith	12 The pi	1550EST	larter ciza ha	ilnearTICT	0 Jiahway 341	0	ise Dood	Hail (1.00)	
Macon County	r ne pt	ablic reported qu	uarter size na	ii near U.S. I	ngnway 54	anu Hol	ise Ruau.		
•	12	1550EST			0	0		Hail (1 00)	
4 W Oglethorpe	12		uarter size ha	•1	U	U		Hail (1.00)	

4 W Oglethorpe 1550EST 12 The public reported quarter size hail.

		Time Local/	Path Length	Path Width	Numb Perso		Estimated Damage	March
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Cro	pps Character of Storm
GEORGIA, North and	l Cent	ral						
Bibb County								
Lizella to	12	1630EST			0	0		Hail (1.75)
3 N Macon	minute	s in duration in	the Lizella	area. An amat	eur radio ope	rator rep	orted dime to qua	olic reported dime to quarter size hail u rter size hail in the Lake Wildwood Sub de of Macon and nickel size hail in Mac
Jones County								
2 SW Griswold	12	1705EST			0	0		Hail (1.00)
Teemba Country	The Jo	nes county 911	center repor	rted nickel to o	quarter size h	ail 10 mi	les south of Gray	
Toombs County Vidalia	12	1845EST			0	0		Hail (0.75)
v Iualia		eorgia State Pat	rol reported	dime size hail	-	U		Han (0.75)
Crawford County	1		ion reponied					
9 NE Knoxville	12	1930EST			0	0		Hail (0.75)
		ateur radio ope lear the Bibb co	-	ed dime size l	hail on U.S. 1	Highway	80/Georgia Higl	way 22 about 4 miles east-northeast of
GAZ003	Catoo							
	14	0750EST			0	0		Fog on accidents in Georgia's history. The i
	There	were 21 eighte	en-wheel tr	ucks and 41 j				ted in a similar fashion in the southbour adly accident in the northbound lane an
	northb							as backed up for miles for the entire day southbound lanes were not opened until
019>025-027-030>039- 041>062-066>076- 078>086-089>098-	northbu 10 pm Dade Picket - Poll Haral Taliat Warr Jeffer Chatt Webs	ound lanes rem in the evening. - Walker - ns - Dawson & - Paulding lson - Carrol ferro - Hear en - Troup - rson - Harris ahoochee - ter - Sumter	ained shutdo - Lumpkin - Cobb - II - Dougla d - Cowet Meriweth - Talbot - Marion -	Whitfield - n - White - l North Ful as - South l a - Fayette ner - Pike - Taylor - C Schley - M	 Murray - Floyd - Bar Floyd - Bar Iton - Gwin Fulton - Do Clayton Upson - La rawford - I Iacon - Pea ski - Wilco 	Fannin tow - C mett - Kalb - Spalc mar - Bibb - T ach - H x - Dod	ext day while the h - Gilmer - U herokee - Fors Barrow - Cla - Rockdale - V ling - Henry - Monroe - Jone Wiggs - Wilkin ouston - Blec	as backed up for miles for the entire day southbound lanes were not opened until finion - Towns - Chattooga - Goi syth - Hall - Banks - Jackson - Ma rke - Oconee - Oglethorpe - Wi Walton - Newton - Morgan - Gr Butts - Jasper - Putnam - Han- es - Baldwin - Washington - Glas Ison - Johnson - Emanuel - Musc kley - Laurens - Treutlen - Stev Wheeler - Montgomery - Toombs
GAZ001>009-011>016- 019>025-027-030>039- 041>062-066>076- 078>086-089>098- 102>113	northbo 10 pm Dade Picke - Poll Haral Taliat Warr Jeffer Chatt Webs 15	ound lanes rem in the evening. - Walker - ns - Dawson & - Paulding lson - Carrol ferro - Hear en - Troup - son - Harris ahoochee - ter - Sumter 1200EST	ained shutdo - Lumpkin - Cobb - II - Dougla d - Cowet Meriweth - Talbot - Marion -	Whitfield - n - White - l North Ful as - South l a - Fayette ner - Pike - Taylor - C Schley - M	- Murray - Floyd - Bar Iton - Gwin Fulton - Do - Clayton Upson - La rawford - H Iacon - Pea	nto the n Fannin tow - C inett - e Kalb - Spalc imar - Bibb - T ich - H	ext day while the h - Gilmer - U herokee - Fors Barrow - Cla - Rockdale - V ling - Henry - Monroe - Jone Wiggs - Wilkin ouston - Blec	as backed up for miles for the entire day southbound lanes were not opened until mion - Towns - Chattooga - Gor syth - Hall - Banks - Jackson - Ma rke - Oconee - Oglethorpe - Wi Walton - Newton - Morgan - Gr Butts - Jasper - Putnam - Han- es - Baldwin - Washington - Glas nson - Johnson - Emanuel - Musc kley - Laurens - Treutlen - Stev
019>025-027-030>039- 041>062-066>076- 078>086-089>098-	northbo 10 pm Dade Picke - Poll Haral Taliaf Warr Jeffer Chatt Webs 15 21 Unseas a Bern the 80s culmin reading a high	ound lanes rem in the evening. - Walker - O ns - Dawson & - Paulding lson - Carrol ferro - Heary en - Troup - rson - Harris cahoochee - I ter - Sumter 1200EST 0000EST sonably warm to nuda like surfact s with lows onl ated on the 17t gs not far behin	ained shutdo Catoosa - - Lumpkin - Cobb - II - Dougla d - Cowet Meriweth - Talbot - Marion - - Dooly - emperatures e high press y in the 50s h when Colu d with 83, 8 Columbus	wh through n Whitfield - n - White - I North Ful as - South I as - Fayette her - Pike - Taylor - C: Schley - M Crisp - Pula prevailed across sure system do and 60s. The umbus reached 4, and 84 deg had 5 consect	 Murray - Floyd - Bar Floyd - Bar Floyd - Bar Fulton - Gwin Fulton - Do Clayton Upson - La rawford - H lacon - Pea ski - Wilco 0 oss north and ominated the ese readings and a record hig grees, respective utive days of 	nto the n Fannin tow - C mett - e Kalb - Spalc mar - 3 Bibb - T ach - H x - Dod 0 central f southeas are some h temper vely. Cc	ext day while the h - Gilmer - U cherokee - Fors Barrow - Cla - Rockdale - V ling - Henry - Monroe - Jone 'wiggs - Wilkin ouston - Blec ge - Telfair - V or several days as tern United States 20 degrees above rature of 88 degrees lumbus also set a	as backed up for miles for the entire day southbound lanes were not opened until finion - Towns - Chattooga - Goi syth - Hall - Banks - Jackson - Ma rke - Oconee - Oglethorpe - Wi Walton - Newton - Morgan - Gr Butts - Jasper - Putnam - Han- es - Baldwin - Washington - Glas Ison - Johnson - Emanuel - Musc kley - Laurens - Treutlen - Stev Wheeler - Montgomery - Toombs
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019>025-027-030>039- 041>062-066>076- 078>086-089>098- 102>113 Macon County Oglethorpe to Montezuma	northbo 10 pm Dade Picke: - Poll Haral Taliaf Warr Jeffer Chatt Webs 15 21 Unseas a Bern the 80s culmin reading a high time of 16 The M	ound lanes rem in the evening. - Walker - 0 ns - Dawson & - Paulding lson - Carrol ferro - Heary en - Troup - rson - Harris cahoochee - 1 ter - Sumter 1200EST 0000EST sonably warm to uda like surfac s with lows onl ated on the 17t gs not far behin of 85 degrees. f year are in the 1450EST 1503EST acon county 91 1915EST	ained shutdo Catoosa - - Lumpkin - Cobb - II - Dougla d - Cowet Meriweth - Talbot - Marion - - Dooly - (emperatures e high press y in the 50s h when Colu d with 83, 8 Columbus 60s with lo 1 center and	wh through n Whitfield - n - White - 1 North Ful as - South 1 a - Fayette her - Pike - Taylor - C: Schley - M Crisp - Pula prevailed acrosure system do and 60s. The umbus reached 4, and 84 deg had 5 consect ws in the 40s.	nidnight and i • Murray - Floyd - Bar Iton - Gwin Fulton - Do - Clayton Upson - La rawford - I Iacon - Pea nski - Wilco 0 oss north and ominated the ese readings a d a record hig prees, respecti- utive days of 0 plice reported 0	nto the n Fannin tow - C mett - e Kalb - Spalc amar - 3 Bibb - T ach - H x - Dod 0 central f southeas are some th temper vely. Co high in t 0 pea size 0	ext day while the n - Gilmer - U cherokee - Fors Barrow - Cla - Rockdale - V ling - Henry - Monroe - Jone Wiggs - Wilkin touston - Blec ge - Telfair - V or several days as tern United States 20 degrees above rature of 88 degrees lumbus also set a he 80s and Maco hail.	as backed up for miles for the entire day southbound lanes were not opened until finion - Towns - Chattooga - Gor syth - Hall - Banks - Jackson - Ma rke - Oconee - Oglethorpe - Wi Walton - Newton - Morgan - Gr Butts - Jasper - Putnam - Hances - Baldwin - Washington - Glas nson - Johnson - Emanuel - Musc kley - Laurens - Treutlen - Stev Vheeler - Montgomery - Toombs Unseasonably Warm s a summer like ridge of high pressure al s. High temperatures for several days re e normal for this time of year. The her eses, while Atlanta, Athens, and Macon re new record high temperature on the 16 n had four. Normal high temperatures
019>025-027-030>039- 041>062-066>076- 078>086-089>098- 102>113 Macon County Oglethorpe to Montezuma Bartow County Cartersville	northbo 10 pm Dade Picke - Poll Haral Taliaf Warr Jeffer Chatt Webs 15 21 Unseas a Bern the 80s culmin reading a high time of 16 The M	ound lanes remain the evening. - Walker - Common States - Dawson k - Paulding lson - Carrol ferro - Hears en - Troup - son - Harris ahoochee - Dawson ter - Sumter 1200EST 0000EST sonably warm to nuda like surfact s with lows only tage not far behin of 85 degrees. f year are in the 1450EST 1503EST acon county 91 1915EST blic reported 1/	ained shutdo Catoosa - - Lumpkin - Cobb - II - Dougla d - Cowet Meriweth - Talbot - Marion - - Dooly - (emperatures e high press y in the 50s h when Colu d with 83, 8 Columbus 60s with lo 1 center and	wh through n Whitfield - n - White - 1 North Ful as - South 1 a - Fayette her - Pike - Taylor - C: Schley - M Crisp - Pula prevailed acrosure system do and 60s. The umbus reached 4, and 84 deg had 5 consect ws in the 40s.	nidnight and i • Murray - Floyd - Bar Iton - Gwin Fulton - Do - Clayton Upson - La rawford - I Iacon - Pea nski - Wilco 0 oss north and ominated the ese readings a d a record hig prees, respecti- utive days of 0 plice reported 0	nto the n Fannin tow - C mett - e Kalb - Spalc amar - 3 Bibb - T ach - H x - Dod 0 central f southeas are some th temper vely. Co high in t 0 pea size 0	ext day while the n - Gilmer - U cherokee - Fors Barrow - Cla - Rockdale - V ling - Henry - Monroe - Jone Wiggs - Wilkin touston - Blec ge - Telfair - V or several days as tern United States 20 degrees above rature of 88 degrees lumbus also set a he 80s and Maco hail.	as backed up for miles for the entire day southbound lanes were not opened until (nion - Towns - Chattooga - Gor syth - Hall - Banks - Jackson - Ma rke - Oconee - Oglethorpe - Wi Walton - Newton - Morgan - Gry Butts - Jasper - Putnam - Hane es - Baldwin - Washington - Glas nson - Johnson - Emanuel - Musc kley - Laurens - Treutlen - Stev Vheeler - Montgomery - Toombs Unseasonably Warm as a summer like ridge of high pressure al s. High temperatures for several days re e normal for this time of year. The her es, while Atlanta, Athens, and Macon re new record high temperatures new record high temperatures Tstm Wind/Hail
019>025-027-030>039- 041>062-066>076- 078>086-089>098- 102>113 Macon County Oglethorpe to Montezuma Bartow County	northbo 10 pm Dade Picke - Poll Haral Taliaf Warr Jeffer Chatt Webs 15 21 Unseas a Bern the 80s culmin reading a high time of 16 The M	ound lanes rem in the evening. - Walker - 0 ns - Dawson & - Paulding lson - Carrol ferro - Heary en - Troup - rson - Harris cahoochee - 1 ter - Sumter 1200EST 0000EST sonably warm to uda like surfac s with lows onl ated on the 17t gs not far behin of 85 degrees. f year are in the 1450EST 1503EST acon county 91 1915EST	ained shutdo Catoosa - - Lumpkin - Cobb - II - Dougla d - Cowet Meriweth - Talbot - Marion - - Dooly - (emperatures e high press y in the 50s h when Colu d with 83, 8 Columbus 60s with lo 1 center and	wh through n Whitfield - n - White - 1 North Ful as - South 1 a - Fayette her - Pike - Taylor - C: Schley - M Crisp - Pula prevailed acrosure system do and 60s. The umbus reached 4, and 84 deg had 5 consect ws in the 40s.	nidnight and i • Murray - Floyd - Bar Iton - Gwin Fulton - Do - Clayton Upson - La rawford - I Iacon - Pea nski - Wilco 0 oss north and ominated the ese readings a d a record hig prees, respecti- utive days of 0 plice reported 0	nto the n Fannin tow - C mett - e Kalb - Spalc amar - 3 Bibb - T ach - H x - Dod 0 central f southeas are some th temper vely. Co high in t 0 pea size 0	ext day while the n - Gilmer - U cherokee - Fors Barrow - Cla - Rockdale - V ling - Henry - Monroe - Jone Wiggs - Wilkin touston - Blec ge - Telfair - V or several days as tern United States 20 degrees above rature of 88 degrees lumbus also set a he 80s and Maco hail.	as backed up for miles for the entire day southbound lanes were not opened until (nion - Towns - Chattooga - Gor syth - Hall - Banks - Jackson - Ma rke - Oconee - Oglethorpe - Wi Walton - Newton - Morgan - Gry Butts - Jasper - Putnam - Hane es - Baldwin - Washington - Glas nson - Johnson - Emanuel - Musc kley - Laurens - Treutlen - Stev Vheeler - Montgomery - Toombs Unseasonably Warm as a summer like ridge of high pressure al s. High temperatures for several days re e normal for this time of year. The her es, while Atlanta, Athens, and Macon re new record high temperatures new record high temperatures Tstm Wind/Hail

High winds associated with a late season Arctic cold front blew down a couple of trees, one was blown down on the road 1 mile north of Young Harris in Towns county and another in Cleveland in White county.

		Time Local/	Path Length	Path Width	Numl		Estimated Damage	March 20
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
GEORGIA, North and	Cen	<u>tral</u>						
Marion County								
6 NW Five Pts	26	1415EST 1430EST			0	0	8K	Thunderstorm Wind
		Marion county sl ted a barn over.	neriff reporte	d that thunde	erstorm wind	s blew d	own several trees, bl	ew the top off a latched down camper, a
Floyd County								
Rome	30 The p	0215EST ublic reported qu	uarter size ha	il.	0	0		Hail (1.00)
Floyd County	rne p	done reported q						
Rome	30	0215EST			0	0	0.50K	Thunderstorm Wind
		ublic reported th	at some sma	ll trees were	blown down			
Douglas County		L.						
2 S Douglasville	30	2030EST			0	0		Hail (1.00)
	An of	f duty National '	Weather Serv	vice employee	e reported the	at quarter	size hail covered the	ground at his house.
Fulton County								
6 NNE Atlanta	30	2100EST			0	0		Urban/Sml Stream Fld
								area indicated that from 2.50 to 3.00 inch
	of rair	n had fallen duri	ng the aftern	oon and even	ing, with 1.5	0 inches	just in the 40 minute	period between 900 pm and 940 pm EST
Henry County								
2 SW Scarboroughs Xrc	30	2100EST 2115EST			0	0		Hail (1.75)
	The p	ublic reported ha	ail ranging in	size from di	me to golf ba	ll near th	e Clayton county line	in extreme northwest Henry county.
Clayton County	20	3110ECT			۵	0		
Rex	30 The m	2110EST		1 C	U 	0	-1	Hail (1.00)
Dealidala Countri	The p	ublic reported q	uarter size na	iii. Some pat	10 furniture v	vas aiso i	blown about, but no v	vind damage was reported.
Rockdale County	20	2130EST			٥	0	15017	T :- 1 4 :
2 S Conyers		rm spotter report		ning struck a	house and se	0 t it on fir	150K e. The house was ful	Lightning ly engulfed in flames just a short time lat
	No inj	juries were repo	rted.					
Fulton County								
East Pt to	31	1403EST			0	0		Hail (0.75)
2 NNE Atlanta	Sour	1416EST	na ciza hail u	ara raaaiyad	from the pu	blic from	Fact Doint to Lakow	and Heights and the couthoast Atlanta or
		dmont Park just			from the pu	one from	Last Point to Lakew	rood Heights and the southeast Atlanta and
Gwinnett County	10 1 10	unionit i ark just	normeast or	Atlanta.				
1 E Norcross	31	1410EST			0	0		Urban/Sml Stream Fld
I E NOICIOSS	51	1430EST			U	U		or bail/Sim Stream Fig
		nateur radio ope flooding on the	-		1/2 inches of	rain fell	in a 30 minute period	during a thunderstorm causing some min
De Kalb County								
Decatur	31	1415EST			0	0		Hail (0.88)
	The p	ublic reported ni	ckel size hai	l.				
Fulton County								
Lakewood Hgts to 2 W College Park	31	1416EST 1430EST			0	0	1K	Thunderstorm Wind
er er ge u	brancl							a of southeast Atlanta and some arm si Parkway, about 2 miles west of Hartsfie
Gwinnett County	mem	unonui / inport.						
2 W Centerville	31	1430EST			0	0	2K	Thunderstorm Wind
- ··· Center vinc		ublic reported th	at two trees	were blown	-			
Gwinnett County	P			510.011		magou		
Centerville	31	1435EST			0	0		Hail (1.00)
	Sever	1445EST	received from	n the public	of hail range	na in eiz	e from dime to quar	ter size. In one instance in the Centervi
							minutes at one location	
	arca, l	and ground was t	ompiciery co	mercu with fi	an which iel	1 ap 10 3	minutes at one locatio	/11.
Sumter County								
Sumter County 3 S Americus	31	1455EST			0	0		Tstm Wind/Hail

S	torn	n Data	and	Unus	ual W	'eat	her Phe	nomena
		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage	March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
GEORGIA, North and	d Cent	ral						
Sumter County Americus	31	1510EST			0	0	2K	Thunderstorm Wind
Americus			center rep	orted that three	-		ne were blown down	
Washington County			-					
3 NE Harrison		1545EST ateur radio opera d News Bridge R	-	d that a few tro	0 ees and a cou	0 ple of p	3K ower lines were dow	Thunderstorm Wind wn near the intersection of Georgia Highway
Laurens County								
Dublin	31	1555EST			0	0	2K	Thunderstorm Wind
Telfair County	The La	urens county 91	l center rep	ported that a fe	w power line	s were c	lown.	
1 E Jacksonville	31	1815EST			0	0		Hail (0.88)
	The pu	blic reported dim	ne size hail	on Georiga Hi	ighway 117.			
GEORGIA, Northeast	t							
GAZ010	Rabu	n						
	10	0600EST			0	0	1K	High Wind (G50)
	Strong	winds following	a cold from	nt resulted in so	ome downed	trees an	d power lines.	
Elbert County								
Elberton	26	1318EST 1325EST			0	0		Hail (0.75)
	Pea to	dime size hail wa	as reported	covering the g	ground.			
Elbert County								
Elberton	26	1318EST 1325EST			0	0	2K	Thunderstorm Wind (G50)
	Power	lines were blowr	n down and	a railroad cros	ssing gate wa	s destro	yed.	
GEORGIA, Southeast GAZ087>088-099>101- 114>119-137>141	Jenkin Chath 01 31 Drough	am - Coastal 0000EST 2359EST	Chatham	er southeast C	land Liber 0	ty - Co 0	astal Liberty - Iı	land Bryan - Coastal Bryan - Inland nland Mcintosh - Coastal Mcintosh Drought rmal at a few places but rainfall generally
Candler County								
Metter	26	1630EST			0	0		Hail (1.00)
Chatham County		1633EST						
8 SW Savannah to 3 SE Garden City	26	1630EST 1636EST			0	0		Hail (1.75)
Mcintosh County 2 WSW Eulonia	26 Several	1755EST l trees down.			0	0		Thunderstorm Wind (G50)
Effingham County Guyton	31 Several	1340EST l powerlines wer	e down.		0	0		Thunderstorm Wind (G50)
GEORGIA, Southwes Decatur County 3 W Bainbridge	12	1645EST reported dime siz	ze hail.		0	0		Hail (0.75)
Brooks County Northeast Portion	12 Trees d	1840EST	hy the Bro	ake County EN	0	0	1K	Thunderstorm Wind
Lowndes County Valdosta	12	lown. Reported 1920EST omes damaged. 1		·	0	0 4.	100K	Thunderstorm Wind

		Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage	March 20
Location	Date	Standard	(Miles)	(Yards)	Killed In	jured	Property Crops	Character of Storm
GEORGIA, Southwest	<u>.</u>							
Mitchell County	•	1(20500			٥	0		
Pelham	26 Lightni	1630EST ing sparked a fi	re which des	stroyed a war	0 ehouse on Highy	0 way 19	75K just south of Pelham.	Lightning
Mitchell County		•		•	-	•	•	
Northeast Portion	31	1430EST			0	0	20K	Thunderstorm Wind
				rees and pow	er lines down b	between	n State Highway 93	and Hatcher Hill Road. Reported by
	Mitche	ll County EMA	L.					
Colquitt County	21	1930EST			1	0	10K	Thunderstorm Wind
Moultrie	31 An elde		killed when	a pine tree s				ile driving during a severe thundersto
	Reporte	ed by the Couri		a pine acc s	impped and fen			
	M66VI	T.						
<u>GULF OF MEXICO</u> Cameron La To High								
Is Tx Out 20Nm								
Mouth Of Sabine River	01	1200CST			0	0		Marine Tstm Wind
	Sea Rir	m State Park C	-MAN repor	ted 53 mph w	vind gust during	a thun	derstorm.	
Galveston Bay								
12 ESE Texas City	01 The Ge	1200CST	trance Nort	h latty record	0 ed a 35 knot wir	0 nd quet	using the Hgports ob	Marine Tstm Wind
High Is To Freeport Tx	The Ga	iivestoii Day Ei		II Jetty lecolu	eu a 55 kilot wil	ilu gust	using the rigports ob	sei ving system.
Out 20Nm								
5 ENE Galveston	01 The Ga	1200CST	utrance Sout	h letty record	0 ed a 35 knot wii	0 nd oust	using the Hgports sys	Marine Tstm Wind
Atabafalawa D Ta	The Gu	irveston Buy Ei	intance bout	in setty record	ed u 55 kilot wi	ila gust	using the rigpons sys	Join.
Atchafalaya R To Cameron La Out 20Nm								
Marsh Island	01	1800CST			0	0		Marine Tstm Wind
	Weathe	er buoy recorde	d 43 kt wind	l gust in a thu	nderstorm.			
Pt O'Connor To								
Aransas Pass Port Aransas	09	1152CST			0	0		Marine Tstm Wind
Matagorda Ship Chnl	09	1152051			v	U		
To Pt Aransas Out								
20Nm	00	1220/08/17			0	0		Moning Total Wind
Pltfm 17Se Prt Arnsas Matagorda Ship Chnl	09	1230CST			U	0		Marine Tstm Wind
To Pt Aransas Tx 20								
To 60Nm		1000000			0	0		
Pltfm 17Se Prt Arnsas Corpus Christi To	09	1230CST			0	0		Marine Tstm Wind
Baffin Bay								
Bob Hall Pier	09	1247CST			0	0		Marine Tstm Wind
Pt Aransas To Baffin								
Bay Tx 20 To 60Nm Bob Hall Pier	09	1247CST			0	0		Marine Tstm Wind
		1250CST						
Pt Aransas To Baffin Bay Tx Out 20Nm								
Bob Hall Pier	09	1247CST			0	0		Marine Tstm Wind
Sw Pass Of The Ms R								
To Atchafalaya R La								
Out 20Nm		1000 000-			~	0		
20 S Venice	12	1030CST			0	0		Marine Tstm Wind

		Time	Path	Path	Num		Estimated		March 200
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property Crops	Character of Storm	
GULF OF MEXICO									
Pascagoula Ms To Sw Pass Of Ms R 20 To									
60Nm 45 E Venice	12	1149CST			0	0		Marine Tstm Wind	
Pascagoula Ms To Sw									
Pass Of Ms R 20 To									
60Nm 45 E Venice	12	1155CST			0	0		Marine Tstm Wind	
Pensacola Fl To									
Pascagoula Ms Out 20Nm									
Perdido Key	12	1200CST			0	0		Marine Tstm Wind	
	A win	1202CST d gust of 35 knc	ts was meas	ured from a s	tation along	the coast.			
Apalachicola To Destin		C			C				
Fl Out 20Nm		1530505			0	0			
Grayton Beach	12 Waters	1530EST spout sighted so	uth of the U.	S. Highway 3	0 331 bridge. 1	0 Reported	by the Walton County	Waterspout EMA.	
Gulf Side Of The									
Lower Keys Out 20Nm 8 ENE Big Pine Key	22	0939EST			0	0		Waterspout	
o EILE Dig I me Key	22	0945EST			Ū	0		waterspour	
Lake Ponchartrain									
And Lake Maurepas N Lake Pontchartrain	26	0615CST			0	0		Marine Tstm Wind	
Mobile Bay									
Point Clear	31	1200CST 1205CST			0	0		Marine Tstm Wind	
			*	speeds of 35	5 to 40 knots	and very	y rough seas over Mo	bile Bay. The boats wer	e able to make i
Destin To Pensacola Fl									
Out 20Nm Pensacola Beach	31	1415CST			0	0		Marine Tstm Wind	
i cusucola Deach	51	1416CST			Ū	Ū			
HAWAII									
Hawaii County Honomu	05	1545HST			0	0		Flash Flood	
	Un to	2030HST four inches of r	ain fell in no	orthern and ea	stern parts o	f the Rig	Island of Hawaii duri	ng the afternoon and eve	ning hours on th
	5th of	March. Four h	omes were f	flooded in Ho	onomu and t	wo were	hit by lightning. A la	indslide forced the closur 5th. The closure of the h	e of Highway 1
	north t		n eastern Ha					ctivities from Honokaa to	
Hawaii County		-	-						
Kamuela to Honokaa	06	0320HST 0440HST			0	0		Heavy Rain	
		showers produ					nd ponding of roadwa	ys in northern and northe	astern sections o
Honolulu County	uie 1516	ana or mawail.	There were I		nginneant p	openy u	amage of injuries.		
Kahaluu to	06	0645HST			0	0		Heavy Rain	
Pearl City		0945HST							h central areas o

C4 -------41. -- חו D .

Storm Data and Unusual Weather Phenomena Path Time Path Number of Estimated March 2002 Local/ Length Width Damage Persons Killed Character of Storm Location Date Standard (Miles) (Yards) Injured Property Crops HAWAII Hawaii County Volcano to 06 1435HST 0 0 **Heavy Rain** 1730HST Pahala Heavy showers produced ponding of roadways and minor stream and drainage ditch flooding in southeastern areas of the Big Island of Hawaii. However, there were no reports of significant property damage or injuries. Hawaii County 3 W Hilo to 1535HST 0 0 **Heavy Rain** 06 Pepeekeo 1830HST Heavy showers caused minor stream and drainage ditch flooding and ponding of roadways in and around Hilo town. No serious injuries or property damage were reported. Kauai County 0420HST 0 0 **Heavy Rain** Hanalei to 07 Wailua 0635HST Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding in windward and mountain areas of Kauai. There were no reports of significant property damage or injuries, however. **Honolulu County** 0420HST 0 0 Heavy Rain Hauula to 07 Kaneohe 1010HST Heavy showers produced minor drainage ditch and stream flooding and ponding of roadways in windward parts of Oahu. However, no serious injuries or property damage were reported. **Honolulu County** 1505HST 0 0 **Heavy Rain** Countywide 07 2225HST Heavy showers produced ponding of roadways and minor stream and drainage ditch flooding over most of Oahu. However, there were no reports of serious property damage or injuries. Kauai County 1600HST **Heavy Rain** 5.5 NNW Anahola to 07 0 0 Kapaa Heavy showers caused ponding of roadways and minor drainage ditch and stream flooding in eastern and northeastern parts of Kauai. No significant property damage or injuries were reported. **Honolulu County** 09 2100HST 0 0 Kaaawa to **Heavy Rain Pearl City** 10 0015HST Heavy showers caused minor stream and drainage ditch flooding and ponding of roadways in windward and south central sections of Oahu. No serious injuries or property damage were reported, however. **HIZ001** Kauai 0700HST 0 0 **High Surf** 12 2000HST A storm low far northwest of the state generated surf of 12 to 18 feet along the north- and northwest-facing shores of the Garden Isle of Kauai. However, no serious injuries or property damage were reported. Kauai County 3 N Anahola to 1300HST 0 0 **Heavy Rain** 12 2.5 S Anahola 1620HST Heavy showers produced minor stream and drainage ditch flooding and ponding of roadways in and around Anahola in Kauai. There were no reports of serious injuries or property damage. **Honolulu County** 0 1245HST 0 **Heavy Rain** Wahiawa to 13 Waipahu 1610HST Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding in central and southwest parts of Oahu. Small hail was also reported by a member of the public near Wahiawa. There were no reports of significant property damage or injuries, however. HIZ004-008 North And East Hawaii Including Windward Kohala / Hamakua / Hilo / Puna - South Hawaii Including Kau 0800HST High Surf 16 0 19 1800HST A trade wind swell generated surf of 5 to 10 feet along the east-facing shores of the Big Island of Hawaii. No serious injuries or

		Time Local/	Path Length	Path Width	Number Persons		Estimated Damage		March 200
ocation	Date	Standard	(Miles)	(Yards)	Killed In	njured	Property Crops	Character of Storm	
IAWAII	propa	rty damage were	reported						
Honolulu County	prope	ity damage were	reported.						
Countywide	16	1240HST 2145HST			0	0		Heavy Rain	
							old front produced po r property damage we	nding of roadways and 1 re reported.	ninor stream ar
Kauai County									
6 W Hanalei to 14 WSW Hanalei	16	1630HST 1930HST			0	0		Heavy Rain	
	Kauai		Pali Coast. [Fwelve hikers	were stranded	near a	swollen stream and h	r stream flooding in north ad to be rescued by helic	
Maui County Countywide	17	0615HST			0	0		Heavy Rain	
Countywide		0915HST	front generat	ed heavy show			nderstorms over most o	of Maui County, which c	aused ponding
	roadw	ays and minor s	tream and di	rainage ditch f	looding. How	ever, th	nere were no reports of	serious injuries or prope	
HIZ001>003-005>007	Kaua 17 19	ai - Oahu - Ma 1030HST 1000HST	aui - Molo	kai - Lanai	- West Hawa 0	aii Inc 0	luding Leeward K	ohala And Kona Strong Wind	
	40 mj broke Neithe	bh, with gusts to loose from the er sailboat was s	50 mph, fr ir moorings everely dam	om Kauai to because of the aged. Also, a	the western part he strong wind rescue crew fr	rts of t is, and rom Co	he Big Island. Three two sailboats ran ag ast Guard Station Maa	enerated north to northea boats anchored off Mala ground at the Mala boat laea in Maui assisted a 3 ous property damage or i	a Wharf on Ma launching ram 7-foot vessel th
Hawaii County		14001107			0	0		H D'	
Kamuela to Pahala	17	1400HST 1700HST			0	0		Heavy Rain	
		y showers being ii. However, the						ern and southern parts of	the Big Island
Kauai County									
Anahola	24	1455HST 1510HST	1	30	0	0	60K	Tornado (F0)	
	Bayvi and w	ew and Papaa a	reas before a ne Bayview	moving to the and Papaa loc	south end of r ales. Small tre	neighbo	oring Moloaa Valley a	over homes and moved and dissipating. Six hom lso destroyed. The torna	es sustained roo
Kauai County		ALAAHET			٥	0			
Hanalei	25	0100HST 2200HST	,	c a	0	0	· 17 · 701 · 611	Flash Flood	CI 1.
								was heavy enough to c h because of the flooding	
Kauai County									
Countywide						0 ding ar	nd ponding of roadway	Heavy Rain	l of Kauai. The
Kauai County	were	no reports of sig	nificant prop	berty damage of	or injuries.				
Hanalei to Lihue	26	1515HST 1700HST			0	0		Heavy Rain	
Linut								nd stream flooding in nor	thern and easte
Kauai County				-					
Countywide	28	2200HST			0	0		Heavy Rain	

Showers and thunderstorms produced minor stream and drainage ditch flooding and ponding of roadways across much of Kauai.

				D _e d		c			
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Person Killed Ii		Estimated Damage Property Crops	Character of Storm	March 200
IAWAII	Hornor	you thous more	no romanto af	aionificant in		utri dan			
Kana: Canada	Howev	ver, there were	no reports of	significant in	juries or prope	rty dan	lage.		
Kauai County Countywide	29	0515HST 0855HST			0	0		Heavy Rain	
	•	showers and n Isle of Kauai.		-	U	•		drainage ditch flooding ov	ver most of th
Kauai County									
Kekaha to 7 N Kalaheo	29	1100HST 1405HST	and minor o	lucino co ditab	0	0	and nonding of roads	Heavy Rain	control organ
	•	No serious inj		-				ways in southwestern and	central areas o
Honolulu County Countywide	29	1805HST			0	0		Heavy Rain	
	-	2100HST showers cause ificant property		•	d minor stream	and dr	ainage ditch flooding	over most of Oahu. There	were no report
HIZ001>007	U	11.		5	ast Hawaii	Includ	ling Windward K	ohala / Hamakua / H	- Tilo / Puna
		kai - Lanai -						onala / Hamakua / I	nio / i una
	30 31	0600HST 2359HST			0	0		High Surf	
1117004 007-009	10 feet several were n	t along the wes l surfers and sw to reports of ser	t-facing shore vimmers in d ious injuries	res of the Big listress over S or property d	Island of Haw aturday and Ea amage.	aii. Li ister Su	feguards, especially or inday, the 30th and 31	est-facing shores of all the n Oahu and Maui, were bu st of March, respectively.	isy with helpir However, the
HIZ004-007>008		ard Kohala A 1140HST						 / Puna - West Haw High Wind (G51) ^M 	all Includin
	A jet s	2359HST stream over the			duced west to	southw	est winds of 50 to 60 amage or injuries.	mph near the summits of 2	Mauna Kea an
HAWAII WATERS Channels Between The Islands				Ĩ		1			
15 NW Barbers Point	16	1700HST 1715HST			0	0		Waterspout	
			-		•			on Oahu. However, there	were no report
DAHO, Extreme Sou	<u>theast</u>								
	NONE	E REPORTED.							
<u>DAHO, North</u> IDZ005>008					thern Clear	water	Mountains - Oro	fino / Grangeville Re	gion - Lowe
	07	Canyon / Sa 0400MST 1900MST	imon kive	r Region	0	0		Heavy Snow	
		vinter storm bro	• •					inches in the valleys to or 6 inches at Cool Creek.	ie to two feet i
IDZ005		nern Clearwa 1400MST	ater Mount	tains	0	0		Heavy Snow	
	11 12 Winter	1400MST	t heavy snow	and strong v			s of Clearwater Coun	ty. Heavy snow began in t	the afternoon (
	March		24 hours. Str	ong winds ov	er 45 mph occu	urred du	uring the morning of M	March 12. Snowfall ranged	

		Time Local/	Path Length	Path Width	Number Person		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed I	njured	Property Crops	Character of Storm	
DAHO, North	NT (1			• • • •	C		- , •		
IDZ005>006	North 18	ern Clearwa 1322MST	ater Moun	tains - Souti	o nern Clearw	o ater M	Iountains	Heavy Snow	
	19	1900MST	1.1			T d			16 10 1
	at Coo		emlocke Butt	te to 30 inches	s at Shanghai	Summit.		Mountains snowfall rang arwater Mountains snow	
DAHO, Northwest									
IDZ001>004-027				ur D'Alene	Area - Ida	ho Pal	louse - Central P	anhandle Mountain	ns - Lewis And
	50utn 05	ern Nez Per 2200PST	ce		0	0		Heavy Snow	
	07	0400PST	-1.1 6				J. f		
	air ove the Lev 7th in Wallac	rran the dome wiston-Clarksto clude: Looko	of cold air ar on valley rece out Pass Ski	nd brought hea eived 1 to 2 in i Area15",	avy snow to m thes of snow. Silver Mount	uch of th Snowfa ain Ski	he panhandle, exclud all totals from the eve Area14", Saint 1	fternoon of the 5th thro ing Boundary County. 1 ening of the 5th through Maries8.5", Avery8 logg4.5", Athol4.4"	Even the bottom of the morning of the .5", Plummer7"
IDZ001-004	North	ern Panhan	dle - Centr	al Panhand	le Mountain	IS			
	11 12	0400PST 0400PST			0	0		Heavy Snow	
	Moist heavy with t SNOT	jet stream wind snow to the mo his storm ind EL13", Bea	ountains of the school of the	e Idaho panha weitzer Ski	ndle, while va Area14", M	lley loca ica Cre	ations below 4000 fee eek SNOTEL14",	for most of the day on l et experienced mostly ra Lookout Pass Ski A mboldt SNOTEL12"	in. Snowfall totals rea13", Lookout
		EL11".							
IDZ001	North 15	ern Panhan 1800PST	dle		0	0		Heavy Snow	
	17	0600PST						·	
	mainly		Snowfall to	tals with this	event include	: Schw	veitzer Mountain Ski	now over the far norther Area18", Hidden La	
IDZ001>002-004	North	ern Panhan	dle - Coeur	r D'Alene A	rea - Centra	l Panh	andle Mountains		
	18	0600PST 2200PST			0	0		Heavy Snow	
	SNOT	ent snow show EL14", Bear	Mountain SN	NOTEL12",	Mosquito Rid	ge SNO	TEL11", Schweitze	handle. Snowfall totals i er Mountain Ski Area1 3.8", and Saint Maries	0", Wallace6.2"
IDZ001>002-004	North	ern Panhan	dle - Coeur	r D'Alene A	rea - Centra	l Panh	andle Mountains		
	19 20	2000PST 1000PST			0	0		Heavy Snow	
	On this the cer Coeur Gulch SNOT	s first day of sp ntral and north D'Alene and th SNOTEL28	ern Idaho pa le Silver Vall ', Lookout F weitzer Bow	nhandle. Ear ey, further en Pass Ski Area I SNOTEL	ly on the morr hancing snowf 22", Mosqui 12", Silver Mo	ning of t all there to Ridg puntain S	the 20th, a narrow ea Snowfall totals incl e SNOTEL22", Be Ski Area10", Walla	oist westerly flow led to ist-west band of snow s lude: Lost Lake SNOTH ear Mountain SNOTEL ice7.9", Alder Creek	et up directly over EL43", Humbold 18", Mica Creek
IDZ027		And South	ern Nez Pe	rce					
	24	0200PST 1000PST			0	0		Heavy Snow	
	Heavy	snow fell on th	ne Camas Pra	urie generally	above 3000 fe	et. Win	chester received 6.6	inches of snow with this	storm.
DAHO, Southeast IDZ018>019-022>023-			ins - Uppe	er Snake Hi	ghlands - So	outh C	entral Highlands	- Caribou Highland	s - Lost River
032	Pahsi 07	2000MST			0	0		Heavy Snow	
	-	. –						•	
	08	1200MST		of arrest	Idaha C 1	1 i		NOTEL sites above 6500	foot Maril T

		Time	Dath	Path	Numb	er of	Estimated		
Location	Date	Local/ Standard	Path Length (Miles)	Width (Yards)	Fers Killed		Damage Property Crops	Character of Storm	March 2002
IDAHO, Southeast				(J			
IDZ018>019-022>023- 031		Wood Riv		er Snake l	0		Central Highland	ds - Caribou Highl	ands - Big And
	12 13	1200MST 1600MST			0	0		Heavy Snow	
	The sn Burley	ow was heav and the Utah	y enough along border. Victo	g with strong or near the W	winds causir yoming bord	g blowir er had 6	ng snow during the day	th 6 to 12 inches of snot y on the 13th to close in though heavy snow was lo.	terstate 84 between
IDZ019	Upper 12	r Snake Hi 1500MST 1530MST	ghlands		1	0		Avalanche	
	•	ear old snow	vmobiler was k trees. M16OU		valanche in t	he Big H	Iole Mountains near V	victor. An overhang b	roke free and swept
IDZ019	Upper 22	r Snake Hi 1430MST 1500MST	ghlands		1	0		Avalanche	
		alanche killed				-	ass in Fremont Count and was unable to be	y. The avalanche was rescued . M26OU	200 yards wide and
IDAHO, Southwest									
	NONE	REPORTEI) .						
<u>ILLINOIS, Central</u> ILZ027>031-036>037- 040>041	Knox	- Stark - P	eoria - Mars	shall - Woo	dford - Fu	ton - T	azewell - Schuyler	- Mason	
	01 03	1700CST 0000CST			0	0		Heavy Snow	
	Snowfa evening	all totals of 6 g on the 1st	through the 2	2nd. Strong	northwest w	inds, wi		west of the Illinois Riv 40 mph produced sign rted.	
Mclean County Danvers	08	0526CST			0	0	0	Hail (0.75)	
ILZ027-030>031- 037>038-042-045-051- 053-055>056-061-068- 073			- Woodford ord - Lawre		l - Mclean	- Logaı	n - Champaign - Sa	angamon - Macon -	Douglas - Coles
015	09	0200CST			0	2		High Wind (G76)	М
	87 mpl county (Logan injuries	h was report), 62 mph in 1 county). Th s. There wer	ed by an obse Tremont (Taz e high winds y	rver in Arco wevell county were response ports of dow	la, in Dougl y), 61 mph in ible for blow	as county a Oblong ing a pic	y. Other measured gu g (Crawford county) a ckup truck off of I-39	he morning of the 9th. sts included 65 mph i nd 58 mph at the NW in eastern Marshall co There were also sever	n Galesburg (Knox S office in Lincoln unty, resulting in 2
Knox County Galesburg to	09	0315CST			1	0	0	Thunderstorm Wi	nd (G50)
2.4 SSE Rio	southea	ast of Rio on uck a utility j	IL Route 150	at 2500 N, 1	the thundersto	orm wind		es and power lines. A lose control of her car rted.	
ILZ029-031-036>038- 045	Peoria	a - Woodfo	rd - Fulton -	Tazewell	- Mclean -	Champ	aign		
VTV	25	0500CST 1200CST			0	0		Winter Storm	
		all totals of						eated near whiteout co Jumerous accidents occ	

St	torr	n Data	a and	Unus	ual W	eat	her Phen	omena	
		Time Local/	Path Length	Path Width	Numbe Perso	ıs	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	njured	Property Crops	Character of Storm	
ILLINOIS, Central							lton county reported ASOS in Champaign	one-half inch of sleet,	mixed with freezing
ILZ044>046-051>057- 061>063	Cumb 25 26 Freezin the cou	berland - Cla 2100CST 0900CST ng rain late in unties between	ark the evening of I-72 and I-70	of the 25th into 0. The freezing	0 the early mo grain changed	0 orning he	ours of the 26th proc	- Douglas - Coles - Winter Storm luced one-quarter to on aybreak. Snowfall amo h Monticello to Danvil	e-half inch of ice in bunts ranging from 4
	of ice a	and snow resul	ted in downe	d power lines a	and tree limb	s, along v	with dozens of traffic	e accidents the morning	of the 26th.
ILLINOIS, Northeast ILZ003>006-008- 010>014-019>023		ebago - Boo dy - Will - K 0900CST		nry - Lake -	Ogle - Leo	e - De l 0	Kalb - Kane - Du	Page - Cook - La Winter Storm	Salle - Kendall -
	Snowfa 9 am S early n most ru inches	all amounts wi baturday. The norning hours eporting 11.1	th the first w second wave of Sunday M inches. Som in Lake coun	ave of this win of the storm b larch 3rd. Stor e other totals i	ter storm ran began during m total snow include 10.9	ged fron he early fall amo nches at	a 3 to 5 inches with A afternoon hours of 5 unts ranged from 6 t Midway and 9.9 inc	the morning hours of S Amboy in Lee county re Saturday March 2nd an o 11 inches. Rockford ches at Ohare airports n Peru in La Salle cour	eceiving 6 inches by d continued into the airport received the in Cook county, 9.2
ILZ003>006-008- 010>014-019>023- 032>033-039		dy - Will - K		nry - Lake - Livingston -	-			Page - Cook - La	
	09	1152CST 2000CST			4	4	200K	High Wind (G51)	М
	most th all of downto truck w was bl	low pressure : he afternoon a north central own fell some vas killed whe own over in P	nd evening h and northeas 40 stories to n his truck w aw Paw in L	ours, with wind t Illinois. The the street belovas blown over ee county. A	d gusts to 60 ree people w ow, where it on northbour window was	mph. T ere kille crushed nd Inters blown o	rees, branches, utility ed when scaffolding two cars. Four othe tate 57 near US 30 i ut at the Des Plaines	e sustained between 40 y poles and wires were being used on the Jo r people were injured. n Matteson in Cook co Oasis on Interstate 90 nty. F20VE, F20VE, F	blown down across hn Hancock Center A driver of a semi unty. Another semi . Part of a roof was
ILLINOIS, Northwest ILZ001>002-007-009-		viess - Stepl	nenson - Ca	arroll - Whit	teside - Roc	k Islan	d - Henry - Bure	au - Putnam - Merc	er - Henderson -
015>018-024>026- 034>035	Warr	en - Hancoc	k - Mcdone	ough					
	Valley low let total ad northw accum cancell	Just days ear vel southerly v ccumulations r vard, resulting ulations in thi lation of many	flier an arctic winds pumpe ranged from in the snow c s area. Slip events. As	front blew thr d abundant gu 3 to 8 inches, changing to rain pery roads lea the storm syste	ough the regi lf moisture u with the hea n or a mixture ad to numero em began to o	on sendi p and ov viest occ e of rain us mino lepart la	ng temperatures plur ver this shallow cold curring mainly north and sleet for a while r traffic accidents. te Saturday, strong r	Winter Storm m the Southern Plains in numeting. As the storm airmass, resulting in 1 of Highway 34. Wan south of Highway 34, Also, the snow forced outhwest winds on the wing and drifting snow	system approached, heavy snow. Storm mer air also surged reducing storm total d postponement or backside enveloped
Hancock County Dallas City to Nauvoo	09	0233CST			0	0		Thunderstorm Wi	nd (G70) ^M
Hancock County Durham	09 Many 1	0240CST tree limbs and	several large	trees down.	0	0		Thunderstorm Wi	nd (G61)
Henderson County Terre Haute	09	0245CST mbs down.			0	0		Thunderstorm Wi	nd (G52)

	-	Time Local/	Path Length	Path Width	Numb Perso	ons	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
ILLINOIS, Northwest	t								
Mcdonough County	-								
Macomb	09	0300CST			0	0		Thunderstorm Wir	. ,
	Major	damage to a fac	ctory roof on	the west edg	e of the city.	A large	section of the roof wa	s removed. Also, a blo	ock wall and severa
	-		damaged. O	ne 2x8 piece	of wood from	n the da	maged roof was tosse	d 60 feet and pierced	the roof on anothe
Madanaugh County	sectio	n of the factory.							
Mcdonough County Macomb	09	0300CST			0	0		Thunderstorm Win	nd (C 52)
Macomb		f a chimney was	blown off a	residence	U	U		Thuhuerstorin wh	lu (032)
Mercer County	1 411 0	i a chininey was	olown oll a	residence.					
Aledo	09	0300CST			0	0		Thunderstorm Wir	nd (G70)
meuo			Aledo suffer	ed heavy dar			ttered windows and d	estroyed a barn, three	. ,
		a fence, several o		•				,,	
Mercer County			C		U				
1 W Hamlet	09	0300CST			0	0		Thunderstorm Win	nd (G61)
	Garag	e torn off house	, barn destro	yed and large	trees snapped	1.			
Rock Island County									
Reynolds	09	0300CST			0	0		Thunderstorm Win	nd (G61)
	Two r	nachine sheds co	ollapsed.						
Warren County		0200 COT			0	0			1 (0.50)
Roseville	09 S	0300CST	1	1 1	0	0		Thunderstorm Win	nd (G52)
Dools Island County	Severa	al 6 to 8 inch dia	imeter tree Ii	mbs down.					
Rock Island County	09	0310CST			0	1		Thunderstorm Wir	d (C52)
Coal Vly		ow blown out of	a residence	Flying debri				Thuhuerstorin wh	lu (052)
Mercer County	· · max	on blown out of	a residence.	i iying debi	is injuice a w	Jinan.			
3 SE Norwood	09	0315CST			0	0		Thunderstorm Wi	nd (G52)
e bil i tor noou		r lines down.							
Henry County									
Atkinson	09	0340CST			0	0		Thunderstorm Win	nd (G52)
	A stro at 6 A Illinoi This a South Misso North Most	M. Friday rang s. Much colder arctic front and western United ouri late Friday a west and West (extended from the air was pois the large ter States to ig afternoon an Central Illing occurred alon	n Central Wi middle 20s ii ed to the nort mperature gra nite severe t d evening. T bis during the og and south	sconsin into N n the far Nort th of the region adient across hunderstorms these storms overnight an of Interstate 8	hwest Io n with te it combi . Initial then evo d early 1 0, where	wa to the middle and emperatures in the sing ned with a vigorous development occurre slved into a squall ling morning on Saturday, e winds ranged from 6	y morning. Temperatu upper 50s in Northwe- gle digits and teens in t upper level disturbanc ed from Central Iowa e, which raced eastwar producing many repor 50 to 80 mph. One wo	st and West Centra he Northern Plains e ejecting from the into North Centra d through much o ts of wind damage
ILZ002-009-015>016-	Stepl	henson - Whit	teside - Ro	ck Island -	Henry - Me	ercer			
024	Ľ				•				
	09	1300CST			0	0		High Wind (G49)	М
	Strong	g winds associat	ed with an ir	ntense low pr	essure system	, produc		nph measured in Freep ss portions of Northwe ph.	
<u>ILLINOIS, South</u> ILZ075>078-080>094	Jeffe	rson - Wayne	- Edward	s - Wabash	- Perry - F	ranklir	ı - Hamilton - Whi	ite - Jackson - Willi	amson - Saline
	Galla 09	atin - Union - 0900CST 1400CST	Johnson -	Pope - Har	din - Alexa 0	nder - 1 0	Pulaski - Massac 3K	Wind	
	aroun and M	r property damag d 45 MPH for se	everal hours. nd 42 MPH a	Some exact	wind measur	ements f	rom automated observ	nse low pressure system ving sites included: 45 PH occurred. A couple	MPH at Harrisburg
H 7001 004	Fron	klin - Jacksor	•						
11.7.081-084									
ILZ081-084	10	0900CST	1		0	0		Flood	

		Time	Path	Path	Numb		Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property Crops	Character of Storm	
ILLINOIS, South									
	Plumfi stage a	ield, flood stag at Plumfield. At	e was exceed t Murphysbo	led from the ro, the first cr	20th through est on March	month's 14 was	end. The river was about four feet abov	hed there through the en- never more than about e flood stage. The second eloped low-lying areas.	two feet over flood
ILZ087-090>094	20 31 The Ol stage i at 44.1	s 33 feet, the ri 2 feet on the 2	above flood s ver crested a 28th. Crests a	tage at most l t 43.70 feet o tt Brookport,	0 ocations alor n the mornin Grand Chain	0 g the Illi g of the 2 , and Ca	29th. At Golconda, v iro were all 7 to 8 f	Flood 20th or 21st. At Shawne where flood stage is 40 fe eet above flood stage or ar Shawneetown. Water	eet, the river crested the 26th and 27th.
		at Lock and D						re flooded, but planting	
ILZ083	White 20 31	e 1800CST 2359CST			0	0		Flood	
	27 was	s about two fee	et over the 27	7-foot flood s	tage. Floodir	g was co		re through month's end. w-lying rural areas and down.	
Wayne County 1 W Wayne City Wayne County	29	1139CST			0	0		Hail (0.88)	
Wayne County 1 SE Barnhill	29 Nickel 45.	1204CST size hail was	reported near	Wayne City	0 . Quarter size	0 hail wa	s reported at the inte	Hail (1.00) ersection of Interstate 64	and U.S. Highway
Hamilton County Aden	29	1210CST			0	0		Hail (0.88)	
White County Centerville	29	1215CST			0	0	3К	Thunderstorm Wi	nd (G50)
	Two p	ower poles wer	e blown dow	n.					
ILLINOIS, Southwest ILZ095-097	Adan 02	ıs - Pike 1000CST			0	0		Winter Storm	
	sleet fe	ell first, follow	ed by 3 to 4	inches of sno	w. In additio	n, 20 to	30 mile an hour win	portation across the area ds caused considerable b Id blow it full again.	
Adams County Quincy	09	0220CST			0	0	,	Thunderstorm Wi	
	were d cases,	lown knocking	out power to the blown o	o about 10,00	0 customers	Severa	l homes and busines	pread wind damage. Tre sses suffered major roof ed trees and limbs also s	damage. In several
ILZ095>097	Adan 09	ns - Brown - 0600CST 1800CST	Pike		0	0		High Wind (G43)	
		west to north						entral Illinois. Wind gus atbuildings throughout th	
ILZ058>059-064- 097>102	Gree	ne - Macoupi	in - Bond -	Pike - Call	oun - Jers	ey - Ma	dison - St. Clair	Monroe	
	09	0600CST 1800CST	11.0		0	0	1	High Wind (G43)	
	electric	c companies re	ported scatte	red power po	les and powe	r lines d	own across the area	mph were common acro An estimated 25,000 cu ees, billboards and street	stomers lost power

		Time Local/	Path Length	Path Width	Num	ber of sons	Estimate Damage		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	0	Crops Character of Storm	
LLINOIS, Southwest	<u>t</u>								
ILZ058>060-098>100		ne - Macoupir	ı - Montg	omery - Calh		-	Madison	•••• A	
	25 26	1800CST 0600CST			0	0		Winter Storm	
	A win	ter storm brough						ling the evening of the 25th and a	
		n many areas. The ination of sleet ar						the 26th and accumulated to 3 to 5 the area.	o 4 inches. T
Madison County				·					
1 E Alton	28	1255CST			0	0		Hail (0.75)	
	A loca	al television statio	on reported	3/4 inch hail jus	t east of A	lton.			
Monroe County		1000.007			0	0		TT 11 (1.00)	
New Hanover	29 The pi	1009CST ublic reported ha	il un to 1 in	ch in New Hand	0 wer	0		Hail (1.00)	
NDIANA Control	The p	Jone reported na	n up to 1 m	en in riew riano	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
<u>NDIANA, Central</u> INZ029-035-043>044	Tipp	ecanoe - Foun	tain - Ver	million - Parl	<u>ce</u>				
	04	0645EST			0	0		Flood	
	07 Floodi	0400EST ing affected main	ly agriculty	ral hottomland					
	FIOOU	ing affected main	Ty agricultu	Tai bottoilliand.					
				Flood Stage			Crest	Date of Crest	
	Lafaye			11.0			12.12	03/04	
	Covin Monte	-		16.0 14.0			16.15 15.16	03/05 03/05	
047>049-056>057- 064>065-071					0		1017		
	09	1155EST 1500EST			0	1	18K	High Wind (G63) ^M	
								ernoon of March 9. Trees and po	
						llaings i	n Greentown in	Howard county. At the Indianapo	
		ijured when her c		U		ndshiel		e to the high winds. In Delaware co	
	was in	· •	ear was hit t	by a gate blown	open by th	ndshiel ne wind		e to the high winds. In Delaware co	
	was in Tippe 09	njured when her c ecanoe - Foun 1415EST	ear was hit t	by a gate blown	open by th	ndshiel ne wind		e to the high winds. In Delaware co Flood	
	was in Tippe 09 17	njured when her c ecanoe - Foun	car was hit t tain - Ver	oy a gate blown o million - Parl	open by th ke - Vigo 0	ndshield ne wind • - Sull 0			
	was in Tippe 09 17	njured when her c ecanoe - Foun 1415EST 0600EST	car was hit b tain - Ver ed agricultu	oy a gate blown o million - Parl	open by th ke - Vigo 0	ndshield ne wind • - Sull 0			
	was in Tippe 09 17 Floodi	njured when her c ecanoe - Foum 1415EST 0600EST ing mainly affect	car was hit b tain - Ver ed agricultu	by a gate blown o million - Park tral land and a fo Flood Stage	open by th ke - Vigo 0	ndshield ne wind • - Sull 0	ivan Crest	Flood Date of Crest	
	was in Tippe 09 17	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette	car was hit b tain - Ver ed agricultu	by a gate blown o million - Parl tral land and a fo	open by th ke - Vigo 0	ndshield ne wind • - Sull 0	ivan	Flood	
	was in Tippe 09 17 Floodi Lafaye Covin, Monte	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton ezuma	car was hit t tain - Ver ed agricultu	by a gate blown of million - Park ural land and a for Flood Stage 11.0 16.0 14.0	open by th ke - Vigo 0	ndshield ne wind • - Sull 0	ivan Crest 12.89 17.33 17.29	Flood Date of Crest 03/10 03/11 03/11	
	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton ezuma Haute	car was hit t tain - Ver ed agricultu	by a gate blown of million - Parl ural land and a for Flood Stage 11.0 16.0 14.0 14.0	open by th ke - Vigo 0	ndshield ne wind • - Sull 0	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12	
051-060	was in Tippe 09 17 Floodi Lafaye Covin, Monte	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton ezuma Haute	car was hit t tain - Ver ed agricultu	by a gate blown of million - Park ural land and a for Flood Stage 11.0 16.0 14.0	open by th ke - Vigo 0	ndshield ne wind • - Sull 0	ivan Crest 12.89 17.33 17.29	Flood Date of Crest 03/10 03/11 03/11	
051-060	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton ezuma Haute	car was hit t tain - Ver ed agricultu	by a gate blown of million - Parl ural land and a for Flood Stage 11.0 16.0 14.0 14.0	open by th ke - Vigo 0	ndshield ne wind • - Sull 0	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12	
051-060 Jackson County	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre Rivert 15 16	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton 22uma Haute ton 2310EST 0030EST	ear was hit t tain - Ver ed agricultu	by a gate blown of million - Parl tral land and a for Flood Stage 11.0 16.0 14.0 14.0 15.0	open by the contract of the co	ndshielo ne wind - Sull 0 7 roads.	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12 03/13	
051-060 Jackson County Kurtz	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre Rivert 15 16	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton 22uma Haute ton 2310EST	ear was hit t tain - Ver ed agricultu	by a gate blown of million - Parl tral land and a for Flood Stage 11.0 16.0 14.0 14.0 15.0	open by the contract of the co	ndshielo ne wind - Sull 0 7 roads.	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12 03/13	
051-060 Jackson County Kurtz	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre Rivert 15 16 Parts o 15	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton ezuma Haute ton 2310EST 0030EST of State Road 58 2345EST	ear was hit t tain - Ver ed agricultu	by a gate blown of million - Parl tral land and a for Flood Stage 11.0 16.0 14.0 14.0 15.0	open by the contract of the co	ndshielo ne wind - Sull 0 7 roads.	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12 03/13	
Lawrence County	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre Rivert 15 16 Parts o 15 16	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton ezuma Haute ton 2310EST 030EST of State Road 58 2345EST 0100EST	ear was hit b tain - Ver ed agricultu were floode	by a gate blown of million - Park tral land and a for Flood Stage 11.0 16.0 14.0 14.0 15.0 ed.	open by the country open by the country open by the country open count	ndshielo ne wind 0 - Sull 0 7 roads.	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12 03/13 Flash Flood	
051-060 Jackson County Kurtz Lawrence County Bedford	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre Rivert 15 16 Parts o	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton 22uma Haute ton 2310EST 0030EST of State Road 58 2345EST 0100EST of State Road 37	ear was hit b tain - Ver ed agricultu were floode	by a gate blown of million - Park tral land and a for Flood Stage 11.0 16.0 14.0 14.0 15.0 ed.	open by the country open by the country open by the country open count	ndshielo ne wind 0 - Sull 0 7 roads.	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12 03/13 Flash Flood	
051-060 Jackson County Kurtz Lawrence County	was in Tippe 09 17 Floodi Lafaye Covin, Monte Terre Rivert 15 16 Parts o 15 16	njured when her c ecanoe - Four 1415EST 0600EST ing mainly affect ette gton 22uma Haute ton 2310EST 0030EST of State Road 58 2345EST 0100EST of State Road 37	ear was hit b tain - Ver ed agricultu were floode	by a gate blown of million - Park tral land and a for Flood Stage 11.0 16.0 14.0 14.0 15.0 ed.	open by the country open by the country open by the country open count	ndshielo ne wind 0 - Sull 0 7 roads.	ivan Crest 12.89 17.33 17.29 15.31	Flood Date of Crest 03/10 03/11 03/11 03/12 03/13 Flash Flood	

		Time Local/	Path Length	Path Width		ber of sons	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	-	Crops Character of Sto	rm
INDIANA, Central	Heavy	rains caused	the East Fork	White River t	o go to 12.7	1 feet nea	r Seymour, whe	ere flood stage is 12.0 fe	et.
INZ061-067	Gree 25 31	ne - Knox 0001EST 2359EST			0	0		Flood	
INZ021-028>031- 035>037-039>046-049- 051-054								tgomery - Boone - H 1ry - Vigo - Morgan	Iamilton - Madison -
	and 26 inches	5. A mixture s of snow with	of snow, sleet, a little ice w	and freezing hile other loc	rain fell act ations recei	ross centra ved a qua	al Indiana throu	ghout the storm. Some a of ice with around an i	n htral Indiana on March 25 locations received up to 4 nch of snow. Numerous
INZ070>071	26 31	rence - Jack 1215EST 0700EST 7 rains near the		onth caused so	0 ome floodin	0 g of the E	ast Fork White	Flood River.	
			Flood Stage	e Ci	rest]	Date of Crest		
	2	our 2N rd 8SE	12.0 20.0		5.77).77		03/27 03/30		
Daviess County Washington	28	1755EST			0	0		Hail (1.00)	
INZ040-047-053	30 31 Heavy	ison - Mario 0645EST 2359EST 7 rains near th pads were floo	e end of the n	nonth brough	0 t flooding to	0 portions	of the White r	Flood ver. Most areas effected	d were bottomland, and a
INZ029-035-043>044- 051-060			untain - Ver	million - Pរ	arke - Vigo	o - Sulliv	van		
031-000	30 31	1015EST 2359EST			0	0		Flood	
<u>INDIANA, Northeast</u> INZ003>004	03 04 An are	ulations of sr	sure moved ac low fell across	s the area as	the low mo			• • •	ile only light to moderate up, bringing from 6 to 8
INZ003>009-012>018- 020-022>027-032>034	La Po Kosci	orte - St. Jo		art - Lagra	nge - Steu				- Marshall - Fulton - - Adams - Grant -
	09 An un the fro above ahead	1150CST 1400CST usually strong ont as 3 hour the surface ra of the cold fro	pressure falls nged from 70 ont. Widespre	of 4 millibars to 80 mph. Th ad reports of	s ahead of t ne combinat trees, tree li	he front of ion of the mbs and j	combined with se 2 factors was power lines beir	3 hour pressure rises of s tapped by a narrow line	sure gradient existed with 11 millibars. Winds just e of showers immediately eived as surface winds of
INDIANA, Northwest INZ001>002	Lake 02 03	- Porter 2000CST 0400CST			0	0		Winter Storn	The second part of thick

Snow began falling late on Friday March 1st and continued into the morning hours of Saturday March 2nd. The second part of this

		Time	Path	Path	Numbe		Estimated	Marc	ch 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso Killed	ns Injured	Damage Property Crops	Character of Storm	
INDIANA, Northwest									
								March 3rd. Storm total snowfall es in Porter county reported 6.6 inc	
INZ001>002-010>011- 019	Lake	- Porter - Ne	ewton - Jas	per - Bento	n				
	09	1500CST 2000CST			0	0		High Wind (G51) ^M	
	most o across	of the afternoon	and evenin St Indiana. S	g hours, with	wind gusts to	o 60 mpl	h. Trees, branches,	e sustained between 40 and 50 mp utility poles, and wires were blow on interstates in northwest Indiana	wn down
INDIANA, South Cen									
INZ089	Perry 22	1300EST			0	0		Flood	
	22 28	1500EST 0500EST			U	U		rioou	
			•		•		n March 25. Flood st l Derby Indiana.	age at Tell City is 38 feet. Minor	flooding
INZ089	Perry				<u>^</u>	<u>^</u>			
	23 26	2300EST 2000EST			0	0		Flood	
	The O			k crested at 4	3.3 feet just l	efore su	nrise on March 25. I	Flood stage at Cannelton is 42 fee	et. Minor
Dubois County									
Ferdinand	29	1430EST			0	0		Hail (1.00)	
Perry County 1 NW Gatchel	29	1430EST			0	0		Hail (0.75)	
Perry County									
Leopold Downy County	29	1445EST			0	0		Hail (0.88)	
Perry County Leopold	29	1445EST			0	0		Thunderstorm Wind (G70)	
Crawford County									
Leavenworth	29	1500EST			0	0		Thunderstorm Wind (G60)	м
Harrison County Mauckport	29	1500EST			0	0	10K	Thunderstorm Wind (G70)	
muchport		were downed ar	nd roofs were	e blown off bu		-		(0.1)	
Harrison County	20	1500000			0	0		There does to the design of th	м
New Amsterdam Harrison County	29	1500EST			U	0		Thunderstorm Wind (G60)	
Valley City	29	1502EST			0	0		Hail (0.75)	
Harrison County	20	1510500			٥	0			
3 S Corydon Harrison County	29	1510EST			0	0		Thunderstorm Wind (G70)	
Mauckport	29	1515EST			0	0	20K	Thunderstorm Wind (G70)	
	lines o		e area. Trees	0				n winds uprooted trees and downe a. Four 25 to 30 foot tall cedar tr	
INDIANA, Southeast INZ050-058>059-066- 073>074-080	Wayn	ne - Fayette -	Union - Fi	ranklin - Ri	pley - Dear	born - S	Switzerland		
	09	1323EST 1640EST			0	0	92K	High Wind (G59) ^M	
	afterno	winds in excess	usand people	e were left wi				heast and east central Indiana ear lue to the widespread nature of the	
INZ050-058>059-066	Wayn 26	ne - Fayette - 0250EST 0600EST	Union - Fi	ranklin	0	0		Winter Storm	

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	March 2 Character of Storm
INDIANA, Southeast			((1				
							ana. Along and north of east central and so	n of the frontsignificant ice accumula butheast Indiana.
INDIANA, Southwest				-		-		
INZ081>082-085>088	Gibs 09	on - Pike - Po 0900CST 1400CST	osey - Vand	lerburgh - V	Varrick - Sj 0	pencer 0	6K	Wind
	aroun 58 MI	d 50 MPH for s	everal hours Winslow, and	. Some exact v	vind measure	ments fi	rom automated obser	ense low pressure system. Winds gust ving sites included: 47 MPH at Evans wn down in Winslow, and a couple of
Pike County								
2 E Cato to Winslow	15 16 Route	2245CST 0200CST 56 was barricad	ded between	Otwell and Ca	0 to due to floo	0 oding. A	road in Winslow was	Flash Flood s flooded.
INZ085>088	Posey 21 31	y - Vanderbu 1400CST 2359CST	rgh - War	rick - Spenc	er 0	0		Flood
	The C The ri high, Near I	Dhio River rose iver crested abo the crest was le	out 7 feet abo ess than an in	ove flood stage nch above floo	e at Newburg od stage. At I	h and M Newburg	Iount Vernon. At Eva gh, minor flooding o	ount Vernon, and on the 26th at Evans ansville, where the flood stage is relat ccurred, affecting mainly agricultural t of town. The river began to recede b
Posey County								
3 W Poseyville	29 A barr	1240CST n roof was blow	n off. Power	lines were do	0 wn.	0	4K	Thunderstorm Wind (G52)
Gibson County								
St James	29	1245CST			0	0		Hail (0.75)
Vanderburgh County	20	1245CST			0	0		Hail (0.75)
Stacer	29 Dime	size hail fell at	Interstate 64	and U.S. High	-	U		Hall (0.75)
Vanderburgh County								
Darmstadt	29 Thunc	1245CST lerstorm winds	blew down a	large barn. A	0 tree was blov	0 vn onto a	5K a house. In the same a	Thunderstorm Wind (G65) area, some siding was blown off a hous
Warrick County								
Lynnville	29	1255CST			0	0		Hail (1.50)
Spencer County St Meinrad to	29	1320CST			0	0	10K	Thunderstorm Wind (G55)
Santa Claus		Meinrad, the r , and the tops w			y house, and	some fa	arm buildings were d	lamaged. Trees were blown down in S
Spencer County	•	1001 (1977)			0	0		TT 11 (0.00)
Dale to Gentryville	29 Nielse	1321CST	an antad in D	ala Dima siza	0 hail fall at C	0		Hail (0.88)
IOWA, Central	INICKE	l size hail was r	eponed in Da	ale. Diffie size		enu yvni	с.	
IAZ026>028-035>039- 046>050-057>059		klin - Butler shall - Tama				Hardi	n - Grundy - Bla	ck Hawk - Greene - Boone - Sto
	01 02	1700CST 1400CST			0	0	80K	Heavy Snow
	An An first. prevai in the	rctic cold front Iowa was unde iled over the are low levels pus	er a dome of ea as low pre hing warmer	Arctic air for ssure develope and more mo	one of the f d over the so ist air over the	ew times outhern F ne top of	s during this nearly p Plains. As the low in f the dome of cold a	y southeast of Iowa by the morning o record warm winter. Southwest flow tensified, strong southerly winds devel ir that was in place over Iowa. The a fternoon hours over west central Iowa

	_	Time Local/	Path Length	Path Width	Per	ber of sons	Estin Darr	age	~	March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
IOWA, Central										
	Iowa. inchest increast owing was a	Snowfall amo The snowfa sed during the to the fact tha	bunts in this bunts in this bunts in this bunts of the second half of the there was no reports of drives of the second half of	and were in o iniform with of the storm. snow on the fts of 5 to 10	excess of 6 little in th This cause ground pri) feet high	inches in e way of ed consid- or to the in places.	a most areas any convec- erable drifti storm, and t . The storm	s, however ctive elem ng snow, here was r n did caus	developed from west cer- the highest totals were ents in the snow band. however blowing snow not even any snow in the e some disruption in tra-	little more than Northerly win was quite limite e ditches. Driftin
IAZ004>007-015>017- 023>025-033>035- 044>045		et - Kossutl ht - Sac - Ca		-			Hancock	- Cerro	Gordo - Pocahonta	s - Humboldt
0112 012	08 09	1600CST 0300CST			0	0	375K		Ice Storm	
	southw moved pressur was life widesp system widesp outage	vest Kansas, n out of the Ro re system. De fted over a co oread over non Many plac oread one quan	ortheast across ockies and beg w point temped ld dome of ai thwest, north es received or ter to one hal d as well, how	s southeast I tin to lift nor eratures reach r located ove central, and ne quarter in f inch of ice ever about th	owa, into s theast into ned the mid er northwes west centra ach or more acretion.	outhern V the centra to upper t Iowa, w al Iowa. e of ice a The ice d	Wisconsin. d U.S. Wa 50s over no where surfac Thundersto accretion. id cause sca	Late in the rm and mo- prthern Mi e temperation rms with Areas tow attered pow	boundary extended from the afternoon, a strong up oist air was drawn north ssouri into southeast Io- tures were in the 20s. freezing rain were also and Storm Lake and E wer outages in these are yed into northwest Iowa.	apper level system a head of the lo wa. The warm a Freezing rain w reported with the stherville reported as. Spotty pow
Cass County										
Massena	08	2155CST			0	0	75K		Thunderstorm Win	d (G61)
Adams County										
4 N Carbon	08	2159CST			0	0	30K		Thunderstorm Win	d (G56)
Ringgold County 2 N Kellerton	08	2245CST			0	0	50K		Thunderstorm Win	d (G65)
Clarke County 3 S Hopeville Boone County	08	2250CST			0	1	50K		Thunderstorm Win	d (G59)
Boone	08	2305CST			0	0	5K		Thunderstorm Win	d (G51) ^M
Decatur County					0	0				N (CER) M
Lamoni Arpt	08	2308CST			0	0	5K		Thunderstorm Win	d (G50) M
Clarke County Osceola	08	2325CST			0	0	5K		Thunderstorm Win	d (G50)
Warren County	00	2225.CET			0	1	10077		These Jacobs 1874-	
Indianola	08 Two se	2325CST emi-tractortrai	er rigs blown	of U.S. High	0 way 65. Or	1 ie driver r	100K eceived mir	or injuries	Thunderstorm Wind	u (G05)
Clarke County										
3 S Osceola	08 Duinu	2329CST			0	1	30K		Thunderstorm Win	d (G61)
Lucas County	Driver	of semi-tracto	rtrailer rig rece	eived minor i	njuries as ri	g was bio	wh off the r	ngnway.		
3 SSW Chariton	08	2330CST			0	0	25K		Thunderstorm Wine	d (G61)
Warren County New Virginia Worren County	08	2330CST			0	0	75K		Thunderstorm Win	d (G70)
Warren County Indianola Polk County	08	2340CST			0	0	15K		Thunderstorm Win	d (G54)
Des Moines Arpt Polk County	08	2343CST			0	0	5K		Thunderstorm Win	d (G51) ^M
Runnells Warren County	08	2355CST			0	0	25K		Thunderstorm Win	d (G61)
Hartford Appanoose County	08	2355CST			0	0	50K		Thunderstorm Win	d (G70)
Plano	09	0000CST			0	0	5K		Thunderstorm Win	d (G56)

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		iber of rsons Injured	Estim Dam Property		March 2002 Character of Storm
	Date	Standard	(wines)	(Taius)	Killeu	injuleu	Flopenty	crops	
IOWA, Central									
Jasper County	00	0000000			0	0	1.53.6		
5 W Newton Muni Arpt	09	0009CST			0	0	1.5M		Thunderstorm Wind (G87)
Jasper County Colfax	09	0010CST			0	0	5K		Thunderstorm Wind (G52)
Jasper County	09	0010C51			U	U	31		Thunderstorin wind (G52)
Newton Muni Arpt	09	0012CST			0	0	5K		Thunderstorm Wind (G55) ^M
Marshall County	09	0012C51			U	U	ж		Thunderstorm wind (G55)
7 S Marshalltown	09	0026CST			0	0	30K		Thunderstorm Wind (G61)
Marshall County	09	0020031			U	U	JUK		Thunderstorm wind (Gor)
Ferguson	09	0030CST			0	0	5K		Thunderstorm Wind (G56)
Marshall County	07	0050051			v	U			Thuhuerstorm (Vinu (656)
Le Grand	09	0035CST			0	0	50K		Thunderstorm Wind (G70)
Mahaska County	0,	00000001			Ŭ	Ū			
2 S Cedar	09	0047CST			0	0	30K		Thunderstorm Wind (G65)
Bremer County					-	÷			
Plainfield	09	0052CST			0	0	10K		Thunderstorm Wind (G61)
Wapello County									
Ottumwa	09	0052CST			0	0	5K		Thunderstorm Wind (G52)
Tama County									
Garwin	09	0053CST			0	0	10K		Thunderstorm Wind (G56)
Tama County									
Traer	09	0054CST			0	0	10K		Thunderstorm Wind (G56)
Tama County									
Dysart	09	0055CST			0	0	5K		Thunderstorm Wind (G52)

As the storm system mentioned above lifted out of the southern Plains a line of thunderstorms formed near the strong frontal boundary. Strong divergence aloft combined with increasing instability resulted in rapid development of linear thunderstorms. Several bow elements were embedded in the line as well. Most of the storms produced hail, and in some cases enough to cover the ground. The hail was small with mostly pea size being reported. High were were the main feature with the storms. Numerous reports of 60 to 80 MPH winds were received. Structural damage was reported with some of the storms. For example, high winds destroyed grain bins on one farm in Cass County at Massena. In Ringgold County, the storms damaged garage doors and walls and blew several animal shelters away. As the storms moved into Clarke County, high winds struck a rural home south of Hopeville. One man was caught outside and was lifted by the winds and thrown into the porch. He was hospitalized with 5 broken ribs. In Marshall County, corn cribs were blown away south of Marshalltown and the roof was ripped off of a house in Le Grand. Several reports of trees and power line being downed were received across the south half of the state. The storms spread northeast toward the end of the event with winds around 70 MPH pushing northeast as far as Bremer County. Plainfield reported wind damage as 70 MPH winds swept through the city around 0100. Some of the worst damage occurred in Jasper County in the town of Lambs Grove. A microburst formed at the apex of a small bow echo. Winds tore through the area with speeds near 100 MPH. Six houses sustained severe damage and several other buildings in the area were destroyed by the high winds. Countless trees were downed in the area as well. Damage was similar to that of an F1 tornado. Damage was in the millions of dollars in the community. One homestead sustained \$500,000 damage as a 40 by 70 foot machine building and its contents were destroyed. Two people were injured from the storms. In Clarke County, two semi-tractortrailer rigs were overturned as the gust front hit the area. One of the drivers sustained minor injuries. In Warren County, high winds overturned a semi-tractortrailer rig on U.S. Highway 65 in Indianola. The driver of that rig also received minor injuries.

IAZ004>007-015>017-023>028-033>039-044>050-057>062-070>075-081>086-092>097

1600CST

Intense low pressure located northeast of Iowa, combined with high pressure building into the area produced a very strong pressure gradient across the state. The low pressure deepened to below 990 mb as it approached Lake Superior during the afternoon. Winds gusted to over 50 MPH in most places throughout the day on the 9th. A few locations reported winds gusting in excess of 60 MPH. Several reporting sites in the CWA had sustained winds of 40 MPH or more for a period of a few hours during the day as the low intensified. Scattered damage was reported around the state along with spotty power outages. For the most part, damage was limited to trees and some roof damage to out buildings. Though not major, the damage was quite widespread.

S	torr	n Dat	a and	Unus	ual W	'eat	her Phen	omena	
		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
IOWA, Central									
IAZ004>007-015>017- 024>027-036>038- 047>048		et - Kossutl r - Hamilto		0			cock - Cerro Gord	o - Humboldt - W	right - Franklin -
	09	0700CST 1300CST			0	0	80K	Blizzard	
	with w light to strong droppe was cle north o	storm system yest to northw o moderate sno winds and ten ed to between osed for sever	est winds incr ow developed nperatures in zero and a fe al hours from Iowa from m	easing to 30 and lifted not the single dig w hundred fe U.S. Highwa id morning in	to 45 MPH surtheast across gits and teens et. Several h y 30 north to g to the mid aff	istained the state combine ighways he Minr	with occasional gusts e. Although only an in d to produce blizzard were closed due to a nesota border. The low	y tight pressure gradier to 55 MPH. At the s nch or two of snow fe conditions over north ccidents and poor vis wa D.O.T. recommend proved rapidly by mid	ame time, a band of ll with this band, the ern Iowa. Visibility ibility. Interstate 35 led no travel into the
IAZ004>005-015	Emm 14	et - Kossutł 0900CST	n - Palo Alto)	0	0	140K	Ice Storm	
	contras was dr the free receive freezin County numer evenin	st was in place rawn north ove eezing rain fel ed significant ng over Emme y, with slightl ous trees wer g, the freezing	e with temper- er the top of the ll just to the p icing. Freezet et and northw y less over no e reported do	atures in the 7 ne cold air to northwest of cing rain bega est Kossuth (orthwest Koss owned by the	70s to low 80s the north of th the Des Moir an in the more Counties. Ice suth and Palo heavy ice ac	south o ne low re nes CWA ming an accretic Alto Co cumulat	f the low and sub-free sulting in a band of fr A, however the far no d continued through ons of one half to ne pounties. The ice resu ion. As the storm h	northeast into Iowa. A szing temperatures to reezing rain over north orthwest corner of the the day. Temperature arly one inch were re- lited in power outages needed toward souther	the north. Warm air west Iowa. Most of Des Moines CWA res were just below eported over Emmet across the area and
IOWA, East Central a			D						
IAZ040>042-051>054- 063>068-076>078-				-				wa - Johnson - C Moines - Van Bur	
087>089-098>099	muse		t incontan	vv usiningu			son nemy bes		
	01 03	1500CST 0200CST			0	0		Winter Storm	
	March Valley low le total a northw accum cancel	roared in like . Just days ea vel southerly ccumulations ward, resulting ulations in th lation of man	rlier an arctic winds pumpe ranged from in the snow c is area. Slip y events. As	front blew th d abundant gr 3 to 8 inches hanging to ra pery roads le the storm syst	rough the regi ulf moisture u , with the hea in or a mixtur ad to numero tem began to	on sendi p and o viest oc e of rain ous mino depart la	ing temperatures plum ver this shallow cold curring mainly north and sleet for a while or traffic accidents. ate Saturday, strong no	n the Southern Plains imeting. As the storm airmass, resulting in of Highway 34. Wa south of Highway 34, Also, the snow force orthwest winds on the ving and drifting snow	system approached, heavy snow. Storm rmer air also surged reducing storm total d postponement or backside enveloped
Iowa County									
Victor Jefferson County	09	0105CST			0	0		Thunderstorm Wi	ind (G52)
Fairfield	09	0130CST			0	0		Thunderstorm Wi	and (G52)
Van Buren County	Large	tree uprooted	in Chautauqua	a Park.					
Keosauqua	09	0130CST			0	0		Thunderstorm Wi	ind (G52)
Henry County Salem	09 Severa	0150CST dl large tree lin	nbs down.		0	0		Thunderstorm Wi	and (G61)
Henry County 2 N Salem	09	0150CST lestroyed.			0	0		Thunderstorm Wi	nd (G61)
Washington County Washington	09 Tree li	0150CST mbs down, an	d shingles tor	n off several F	0 buildings.	0		Thunderstorm Wi	nd (G57)
Washington County Ainsworth	09	0200CST rous tree limbs	-		0	0		Thunderstorm Wi	and (G57)

		Time Local/	Path Length	Path Width	Numb Pers		Estimated		March 2002
Location	Date	Standard	Length (Miles)	(Yards)	Killed	Injured	Damage Property Crops	Character of Storm	
IOWA, East Central	l and So	outheast							
Linn County									
1 E Fairfax	09	0208CST			0	0		Hail (0.75)	
Lee County									
Donnellson	09	0215CST			0	0		Thunderstorm Wind	l (G61)
Los Countr	Barn c	destroyed.							
Lee County 1 N Keokuk	09	0215CST			0	0		Thunderstorm Wind	(C70)
1 IN KEUKUK	Just no				n completely	collapse		s pushed off it's foundation	. ,
Linn County	was ut	estroyed, several	i onnooarus v	vere uainaget	i, and a trane	a was ov	cituinea.		
Cedar Rapids	09	0215CST			0	0		Thunderstorm Wind	(G52)
ordan mapras		40 foot tree top	pled. The tre	e was estima	ited at 120 ye				
Lee County	U		L		2				
Ft Madison	09	0220CST			0	0		Thunderstorm Wind	l (G52)
	Tree li	imbs and power	lines down.						
Johnson County									
Hills	09	0225CST			0	0	200K	Thunderstorm Wind wwn and destroyed, a fenc	
	credite a pole equipr that re	ed some rail cars building on an a ment suffered da	s parked alon adjacent lot i image but wa	ig the west signortheast of t as still drivea	de of the prop he property v ble. Across	perty with was upend the street	n limiting the damage ded and destroyed wit from the pole building	In jumbled and thrown ar by providing a break fror h tractors and other equip ag, a residence lost a chin e home had damage on a	n the wind. Also, oment inside. The nney. Just east of
Lee County Sandusky	bedroo the for There the ho pm Sa playho	om when the ho rce of the wind. was mud and do me that was pus aturday. Across buse which was	me was dam The child w ebris plastered shed into and the street fro	ged, a chimn haged. The r vas in bed wi ed on the wal other vehicle om this reside	ey destroyed nother report th broken gla ls and in the parked nearl ence was ano There were al	ed that it iss throug room. A by. Powe ther hom so trees of	was very difficult op thout the room and in llso, there was an old er lines were down, a		droom because of e were no injuries. on the east side of power until 4:30 o a chimney and a
Lee County Sandusky	bedroo the for There the ho pm Sa playho	om when the ho rce of the wind. was mud and do ome that was pus turday. Across buse which was 0225CST	me was dam The child w ebris plastere shed into and the street fro tipped over a	ged, a chimn haged. The r vas in bed wi ed on the wal other vehicle om this reside and moved.	ey destroyed nother report th broken gla ls and in the parked near ence was ano There were al 0	ed that it iss throug room. A by. Powe ther hom	was very difficult op thout the room and in also, there was an old er lines were down, a e which suffered som	being the door to the been the bed, but luckily there truck parked on a street of and the home was without e roof damage, damage to	droom because of e were no injuries. on the east side of power until 4:30 o a chimney and a
Sandusky	bedroo the for There the ho pm Sa playho	om when the ho rce of the wind. was mud and do me that was pus aturday. Across buse which was	me was dam The child w ebris plastere shed into and the street fro tipped over a	ged, a chimn haged. The r vas in bed wi ed on the wal other vehicle om this reside and moved.	ey destroyed nother report th broken gla ls and in the parked near ence was ano There were al 0	ed that it iss throug room. A by. Powe ther hom so trees of	was very difficult op thout the room and in also, there was an old er lines were down, a e which suffered som	being the door to the been the bed, but luckily there truck parked on a street of and the home was without e roof damage, damage to h.	droom because of e were no injuries. on the east side of power until 4:30 o a chimney and a
-	bedroo the for There the ho pm Sa playho	om when the ho rce of the wind. was mud and do ome that was pus turday. Across buse which was 0225CST	me was dam The child w ebris plastere shed into and the street fro tipped over a	ged, a chimn haged. The r vas in bed wi ed on the wal other vehicle om this reside and moved.	ey destroyed nother report th broken gla ls and in the parked near ence was ano There were al 0	ed that it iss throug room. A by. Powe ther hom so trees of	was very difficult op thout the room and in also, there was an old er lines were down, a e which suffered som	being the door to the been the bed, but luckily there truck parked on a street of and the home was without e roof damage, damage to h.	droom because of e were no injuries. on the east side of power until 4:30 o a chimney and a
Sandusky Cedar County	bedroo the for There the ho pm Sa playho 09 Trailer 09	om when the ho rce of the wind. was mud and do ome that was pus turday. Across ouse which was 0225CST r blown off road 0230CST ge tree was uproc	me was dam The child w ebris plastere shed into and the street fro tipped over a , and roof to	ged, a chimn haged. The r vas in bed wi ed on the wal other vehicle om this reside and moved. T rn off buildin	ey destroyed nother report th broken gla ls and in the parked nearly ence was ano Chere were al 0 g. 0	ed that it ass throug room. A by. Powe ther hom so trees o 0 0	was very difficult op shout the room and in lso, there was an old er lines were down, a e which suffered som lown throughout town	being the door to the been the bed, but luckily there truck parked on a street of and the home was without e roof damage, damage to the Thunderstorm Wind	droom because of e were no injuries. on the east side of power until 4:30 o a chimney and a (G70) (G61)
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Sandusky Cedar County Cedar Bluff Cedar County 3 W Clarence Cedar County Tipton Des Moines County Burlington Des Moines County West Burlington	bedroo the for There the ho pm Sa playho 09 Trailer 09 The ro 09 The The 10 09 09 The 10 09 09 The 10 09 09 The 10 09 09 09 09 09 09 09 0	om when the ho rce of the wind. was mud and do me that was pus- turday. Across ouse which was 0225CST r blown off road 0230CST ge tree was upro- try. 0230CST ofs were blown 0230CST Tipton Country 0 ouse. Damage t holes were punc ged or destroyed 0230CST 0230CST imbs and power 0235CST	me was dam The child webris plastered shed into and the street from tipped over a dam and roof to be and fell off 2 buildin Club suffere to the carts in the din a thin. At Country lines down.	ged, a chimn haged. The r vas in bed wi ed on the wal other vehicle om this reside und moved. T rn off buildin on a cabin, v hgs at a farms d heavy dan n the shed wi rd shed, the r Estates, the s	ey destroyed mother report th broken gla ls and in the parked neart ence was ano Chere were al 0 g. 0 while a roof v 0 stead. 0 stead. 0 stead. 0 stead. 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 0 0 stead. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ed that it iss throug room. A by. Powe ther hom so trees o 0 0 vas blown 0 0 ge cart sh by veral lar vn off a blown off 0 0 0	was very difficult op phout the room and in lso, there was an old er lines were down, a e which suffered som lown throughout towr n off another cabin. A 50K ned was destroyed an ge trees were blown of small structure next to	bening the door to the bee the bed, but luckily there truck parked on a street of and the home was without e roof damage, damage to Thunderstorm Wind Thunderstorm Wind a metal shed was also des Thunderstorm Wind d blown into a parking lown. A roof was peeler to the pool, and approxim roof was blown off a bar Thunderstorm Wind Thunderstorm Wind	droom because of e were no injuries. on the east side of power until 4:30 o a chimney and a (G61) (G61) (G61) (G61) (G61) (G61) (G61) (G62) (G52) (G52)

Windows blown out of a house, and several tree limbs 6 to 8 inches in diameter knocked down.

	_	Time Local/	Path Length	Path Width	Number Person		Estimated Damage		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed Ir	njured	Property Crops	Character of Storm	
OWA, East Central a	nd So	outheast							
Scott County Davenport	A stro of Iov colde: and the States then of Sature Johns Wind	wa at 6 A.M. Fr r air was poised he large tempera s to ignite severe evolved into a day, producing on County into s were generally	extended from riday ranged to the north ature gradient e thunderstor squall line, we numerous re portions of Jo y in the 60 m	m Central Wis from the mid of the state w t across it com ms. Initial de which raced e eports of wind ones and Ceda nph to 80 mp	sconsin into No dle 20s in the ith temperature blined with a v velopment occi astward throug d damage. Th ar Counties, and h range. With	far nort s in the igorous urred in the much e most d the oth the fro	thwest to the middle single digits and teer supper level disturban central Iowa late Fr h of Eastern Iowa du significant damage her in Southeast Iowa ontal passage, tempera	Thunderstorm Win ay morning. Temperatu and upper 50s in the fa- as in the Northern Plain nce ejecting from the S iday afternoon and eve uring the overnight and was concentrated in tw generally along and sc atures plummeted somu- tre of sleet, snow and f	ares across the sta ar southeast. Mu as. This arctic fro outhwestern Unit ning. These storn d early morning wo areas, one fro outh of Highway a e 20 degrees over
		of Interstate 80.			_				
IAZ040>041-051>053	Buch	anan - Delav 1015CST	vare - Bent	on - Linn -	Jones 0	0		Blizzard	
	These Iowa peak	e strong winds c along and north	combined with of Highway uded 58 mpl	th light to mo 7 30. The hig h in Cedar Ra	derate snow to shest peak wind apids in Linn (produci 1 gust r County,	ce ground blizzard co recorded was 68 mph	ned at 30 mph with gu onditions in many oper in Winthrop in Bucha llo in Jones County, 5	areas in Northean an County. Oth
IAZ042-066-068-088- 098	Dub	uque - Clinto	n - Scott - I	Henry - Var	n Buren				
	09	1300CST 1600CST			0	0		High Wind (G51)	М
OWA, Northeast	down Stron	. Peak wind gu	st of 58 mph ted with an i	measured in I ntense low pro	Dubuque. essure system,	produce	ed some damage acro	hts were damaged and	
IAZ009>011-018- 029>030	How	ard - Winnes	hiek - Alla	makee - Flo	oyd - Fayette	- Clay	vton		
	01 02	1500CST 1600CST			0	0		Winter Storm	
	A wii					s acros	s northeast Iowa. Th	ne snow was accompan	ied by strong not
IAZ008>010-018>019- 029	Mitc	hell - Howard	d - Winnes	hiek - Floyd	l - Chickasav	w - Fag	yette		
	09	0825CST			0	0		Blizzard	
	only a	an inch or less o	of new snow	had fallen, th	e very strong v	vinds ca		0 40 mph, with gusts of tions. Falling temperat	
OWA, Northwest IAZ021>022-031>032	01	cokee - Buena 1100CST 2300CST fall of four to a		·	0	0 s gustii	ng over 30 mph, pro	Winter Storm	rifting snow. So
1. 7002 014 021 022	schoo minut	ls closed early f	for the day. T	Travel was gre	eatly slowed, ar	nd some	e roads were closed, i	ncluding Interstate 29 a	
IAZ003-014-021>022-	Dick	inson - Clay -	Cherokee	- Buena Vi	sta - Woodbi	ury - I	da		
031>032	08	1800CST			0	0	200K	Winter Storm	

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 2002
Location	Date	Standard	Length (Miles)	(Yards)	Killed	Injured	Property Crops	S Character of Storm	
OWA, Northwest									
		ents. The snow	was accompa	anied by wind	ds gusting to	45 mph,	causing blowing a	nd drifting snow with nea	r zero visibilities at
	times.								
IAZ001>003	Lyon 14	- Osceola - I 0900CST	Dickinson		0	0	200K	Winter Storm	
	14	2300CST			Ū	U	2001	White Storm	
			-				-	Damage to power lines second time in a week. Or	
	-	•		-	-	•	e up to 5 inches fell		le to three menes o
OWA, Southwest									
Fremont County									
Riverton	07 Hail b	2336CST etween dime ar	nd quarter siz	e was reporte	0 d by law enf	0 orcement	personel in Riverto	Hail (1.00)	
IAZ043-055>056			-	-		Jeement	personer in Kiverta	<i>.</i>	
IAZ045-055>050	1VION 08	ona - Harriso 1700CST	on - Sheiby		0	0		Winter Storm	
		2355CST							
								uckly became heavier fre	
	accom	panied by pea	size to 1/2 in	ch hail. The	sleet turned t	o snow b	before ending as col	der air was drawn into the	e system. Around
								nen snowfall of 1 inch to a created difficult driving control of the second sec	
								aused numerous power fl	
	and is	olated power ou	itages. How	ever, the outa	ges were not	as severe	e as the winter storn	n that struck parts of the a	rea a month earlier.
	The he	eaviest snow fel	ll to the north	west through	north of Om	aha, with	Little Sioux, Iowa	reporting 5 inches for the	heaviest total.
KANSAS, East									
KSZ008>012-020>024-	Repu	blic - Wash	ington - N	Iarshall - 1	Nemaha -	Brown	- Cloud - Clay	- Riley - Pottawato	mie - Jackson ·
026-034>040-054>056-	Jeffer	rson - Ottaw	a - Dickins					- Douglas - Lyon - Os	
058>059	Coffe 01	ey - Anderson 1300CST	1		0	2		Winter Storm	
	01	0600CST			U	2		whiter Storm	
								ng and drifting snow plus	
								s across much of the area re in slid off the roadway.	. Slick loads lead to
Cloud County									
Miltonvale	08	1918CST			0	0		Hail (0.88)	
Clay County	00	1020.007			0	٥		II (0.75)	
8 W Clay Center Dickinson County	08	1930CST			0	0		Hail (0.75)	
Manchester	08	1956CST			0	0		Hail (0.75)	
Clay County									
Wakefield	08	2006CST			0	0		Hail (0.75)	
KSZ022>024-038>039	Riley	- Pottawator	mie - Jacks	son - Waba					
	08	2009CST 2105CST			0	0	202K	High Wind (G60)	
	Strong		thunderstorn	ns nearby cau	ised high wir	ids to rea	ch speeds of 70 m	ph in places as they sprea	d from west to eas
								ensively damaged. A 20 b	by 40 foot hole was
	Toulia	in the roof of th	le school. In	i Della ule siu	ing was blow		a nouse.		
Pottawatomie County 7 E Westmoreland	08	2022CST			0	0	7K	Thunderstorm Wi	nd (G54)
7 E Westhoreianu		g winds blew pa	rt of the roof	f off of a traile		U		Thunderstorm win	lu (034)
Dickinson County	2	- 1							
Herington Wahawagaa County	08	2036CST			0	0		Hail (0.75)	
Wabaunsee County Alma	08	2040CST			0	0	6K	Thunderstorm Wi	nd (G60)
4 11114							V11		

Strong winds blew down trees and damaged several buildings.

ن ک		III Data	i allu	Ullus	ual v	veal	lier r	nen	omena
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estim Dam Property		March 2002 Character of Storm
KANSAS, East									
Pottawatomie County	00	2045097			0	0			
3 SE St Marys Morris County	08	2045CST			0	0			Thunderstorm Wind (G60)
2 W Council Grove	08	2050CST			0	0			Hail (0.75)
Jackson County		2057 CST			0	0			11-11 (0.75)
9 NNW Delia Lyon County	08	2057CST			0	0			Hail (0.75)
4 S Emporia	08	2150CST			0	0			Hail (0.75)
Osage County Osage City	08	2153CST			0	0			Hail (0.75)
Lyon County					<u>^</u>	0			T N (4.00)
Neosho Rapids Osage County	08	2200CST			0	0			Hail (1.00)
10 N Lyndon	08	2200CST			0	0			Hail (1.00)
Brown County									
Everest	08 Strong	2115CST g winds damage	d a home, an	outbuilding,	0 and destroy	0 ed a shed	6K		Thunderstorm Wind (G60)
Shawnee County									
(Foe)Forbes Fld Tope	08	2131CST			0	0			Thunderstorm Wind (G59)
Lyon County Americus	08	2132CST			0	0			Hail (0.75)
Shawnee County					<u>^</u>	0			
Topeka	08 Strong	2140CST g downburst wir	nds damaged	40 cars at a d	0 lealership in	0 Topeka.	1M Roof damage	e was also	Thunderstorm Wind (G65) noted at the dealership salesroom.
Lyon County			C			1	C		L. L
6 ENE Emporia	08	2137CST			0	0			Hail (0.75)
Douglas County Eudora	08	2210CST			0	0			Hail (0.75)
Franklin County		2220 CGT			0	0			H 11 (1 00)
2 N Pomona Franklin County	08	2228CST			0	0			Hail (1.00)
4 N Ottawa	08	2241CST			0	0			Hail (0.75)
Franklin County					0	0			XX 11 (0.85)
4 W Wellsville Franklin County	08	2247CST			0	0			Hail (0.75)
4 W Wellsville	08	2247CST			0	0			Thunderstorm Wind (G52)
Douglas County 1 NW Baldwin	08	2254CST			0	0			Hail (0.75)
		1			· · ·			0.1 14	

Thunderstorms developed over north central Kansas early in the evening of the 8th. Many became severe and produced numerous reports of large hail and damaging winds as they moved to the east before finally exiting the area late in the evening. Strong winds damaged many buildings and residences across the area. But the most damaging event of all occurred in Topeka where downburst winds damaged 40 cars at a dealership plus the roof of the dealership itself. Total damage from this event alone was estimated at 1 million dollars. In addition, powerful straightline winds moved away from the thunderstorms and did consideable damage in a corridor bounded by the Kansas River on the north and Interstate 70 on the south and extended from Manhattan to just west of Topeka. Winds in this area were extimated as high as 70 mph. The most noticeable damage from this part of the event occurred in Paxico where the winds left a 20 foot by 40 foot gaping hole in the roof of the Junior High school. Ironically, this was the second mollars.

KANSAS, Extreme Southeast

KSZ073-097-101

Bourbon - Crawford - Cherokee	
02 0200CST 0 0 0 1400CST	Winter Storm
1.00051	

A late winter storm brought a variety of winter weather across southeast Kansas during the morning hours of March 2nd. Strong low pressure developed over Arkansas the evening of March 1st, which moved copious amounts of moisture northward across the region. An arctic air mass moved through the area that early morning, dropping temperatures 20 to 30 degrees in six hours.

the tenth and one quarter of now fell across southeast ing the morning as northe ed but no serious injuries DICST the formed over southeast the Pittsburg State Univi- confined to broken windo AGCST Smith - Jewell DOCST wath of snow fell during	ayer of warm ain of an inch of ice Kansas, with the erly winds up to st Kansas and st ersity physical e ows and downed the overnight ho rn Phillips coun spots.	r aloft pro e accumul te heavies 40 mph c 0 wept acros education power po 0 0 0 ours acros ty to nor	Injured povided an lated on r st around caused cor 0 0 0 0 0 0 0 0 0 0 0 0 0	roadways be Columbus. nsiderable b 65K ford County . Only mind 0 0 0	o of free: fore the Whiteou lowing a v early S or damag 0 0 ral Kans	Zing rain, mixed with heavy sleet at the heavy snow began. Between four a solution of the solut	and sizutheas inificant county
the tenth and one quarter of now fell across southeast ing the morning as northe ed but no serious injuries DICST the formed over southeast the Pittsburg State Unive confined to broken windo IGCST Smith - Jewell DOCST wath of snow fell during ss an area from souther und treacherous travel in s BOCST OOCST of snow reported with co	of an inch of ice Kansas, with the erly winds up to s. st Kansas and s ersity physical e ows and downed the overnight ho rn Phillips coun spots.	e accumul he heavies 40 mph c 0 wept acros education power pc 0 0 0 burs acros thy to nor 0	lated on 1 st around caused co oss Craw: building. oles. 0 ss a part o thern Jey	roadways be Columbus. nsiderable b 65K ford County . Only mind 0 0 0	offore the Whiteou lowing a v early S or damag 0 0 0 ral Kans	 heavy snow began. Between four a at conditions were common over so and drifting snow. Numerous car acc Thunderstorm Wind (G65) Saturday morning. It produced sign ge occurred across the rest of the constraint of the constraint	and sizutheas inificant county
the tenth and one quarter of now fell across southeast ing the morning as northe ed but no serious injuries DICST the formed over southeast the Pittsburg State Unive confined to broken windo IGCST Smith - Jewell DOCST wath of snow fell during ss an area from souther und treacherous travel in s BOCST OOCST of snow reported with co	of an inch of ice Kansas, with the erly winds up to s. st Kansas and s ersity physical e ows and downed the overnight ho rn Phillips coun spots.	e accumul he heavies 40 mph c 0 wept acros education power pc 0 0 0 burs acros thy to nor 0	lated on 1 st around caused co oss Craw: building. oles. 0 ss a part o thern Jey	roadways be Columbus. nsiderable b 65K ford County . Only mind 0 0 0	offore the Whiteou lowing a v early S or damag 0 0 0 ral Kans	 heavy snow began. Between four a at conditions were common over so and drifting snow. Numerous car acc Thunderstorm Wind (G65) Saturday morning. It produced sign ge occurred across the rest of the constraint of the constraint	and sizutheas inificant county
now fell across southeast ing the morning as northe ed but no serious injuries DICST ne formed over southeast the Pittsburg State Univer- confined to broken windo ACCST Smith - Jewell DOCST wath of snow fell during ss an area from souther ind treacherous travel in s BOCST DOCST of snow reported with co	Kansas, with the erly winds up to s. st Kansas and s ersity physical e ows and downed the overnight ho rn Phillips coun spots.	 a heavies 40 mph c b wept acroseducation power pc c 0 c 0<td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Columbus. nsiderable b 65K ford County . Only mine 0 0 0</td><td>Whiteou lowing a v early S or damag 0 0 ral Kans</td><td>nt conditions were common over so and drifting snow. Numerous car acc Thunderstorm Wind (G65) Saturday morning. It produced sign ge occurred across the rest of the c Hail (0.75) Winter Storm sas. Snowfall generally ranged from gusts over 30 mph made for poor</td><td>utheas cident hificar county</td>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Columbus. nsiderable b 65K ford County . Only mine 0 0 0	Whiteou lowing a v early S or damag 0 0 ral Kans	nt conditions were common over so and drifting snow. Numerous car acc Thunderstorm Wind (G65) Saturday morning. It produced sign ge occurred across the rest of the c Hail (0.75) Winter Storm sas. Snowfall generally ranged from gusts over 30 mph made for poor	utheas cident hificar county
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Smith - Jewell JOCST Wath of snow fell during ss an area from souther and treacherous travel in s BOCST DOCST of snow reported with co	rn Phillips coun spots.	0 burs acros nty to nor 0	0 ss a part o rthern Jew	0 of north-cent	0 ral Kans	Winter Storm sas. Snowfall generally ranged from gusts over 30 mph made for poo	
Smith - Jewell JOCST Wath of snow fell during ss an area from souther and treacherous travel in s BOCST DOCST of snow reported with co	rn Phillips coun spots.	0 burs acros nty to nor 0	0 ss a part o rthern Jew	0 of north-cent	0 ral Kans	Winter Storm sas. Snowfall generally ranged from gusts over 30 mph made for poo	
00CST 00CST wath of snow fell during ss an area from souther and treacherous travel in s 00CST 00CST of snow reported with co	rn Phillips coun spots.	ours acros aty to nor 0	ss a part o rthern Jev	of north-cent	ral Kans	sas. Snowfall generally ranged from gusts over 30 mph made for poc	
DOCST wath of snow fell during ss an area from souther und treacherous travel in s BOCST DOCST of snow reported with co	rn Phillips coun spots.	ours acros aty to nor 0	ss a part o rthern Jev	of north-cent	ral Kans	sas. Snowfall generally ranged from gusts over 30 mph made for poc	
ss an area from souther and treacherous travel in s 30CST 00CST of snow reported with co	rn Phillips coun spots.	nty to nor 0	rthern Jev			gusts over 30 mph made for poo	
00CST of snow reported with co	onsiderable blow		0			Winter Storm	
00CST of snow reported with co	onsiderable blow		0			Winter Storm	
00CST of snow reported with co	onsiderable blow		U				
	onsiderable blow	ing and d					
30CST		U	lrifting of	snow.			
		0	0			Heavy Snow	
DOCST nches of snow with 2 foo	ot snow drifts.						
on snow storm moved a ed considerable blowing a						six inches was reported. Gusty nor	thwe
						N	
30CST		0	0			Thunderstorm Wind (G52) M	
35CST		0	0			Thunderstorm Wind (G57) ^M	
I3CST		0	0			Hail (0.75)	
15051		U	U			naii (0.75)	
25CST		0	0			Hail (0.88)	
12087		0	0			II.::1 (0.75)	
13081		U	U			Hall (0.75)	
45CST		0	0			Hail (0.75)	
58CST		0	0			Hail (0 75)	
00001		U	Ū			Han (0.75)	
)0CST		0	0			Hail (1.00)	
18CST		0	0			Hail (0.88)	
e - Rawlins - Decatur	- Norton - Sh	erman -	- Thoma	ıs - Sherid	an - Gr	raham - Wallace - Logan - Go	ve
		0	0			Winter Storm	
	25CST 43CST 45CST 58CST 90CST 18CST 2 - Rawlins - Decatur 90MST 90MST	43CST 45CST 58CST 00CST 18CST 2 - Rawlins - Decatur - Norton - Sh 00MST	43CST 0 45CST 0 58CST 0 00CST 0 18CST 0 2 - Rawlins - Decatur - Norton - Sherman -	43CST 0 0 45CST 0 0 58CST 0 0 00CST 0 0 18CST 0 0 e - Rawlins - Decatur - Norton - Sherman - Thoma 0 00MST 0 0	43CST 0 0 45CST 0 0 58CST 0 0 00CST 0 0 18CST 0 0 e - Rawlins - Decatur - Norton - Sherman - Thomas - Sherid	43CST 0 0 45CST 0 0 58CST 0 0 00CST 0 0 18CST 0 0 e - Rawlins - Decatur - Norton - Sherman - Thomas - Sheridan - Gr	H3CST 0 0 Hail (0.75) H3CST 0 0 Hail (0.88) H3CST 0 0 Hail (0.88) H3CST 0 0 Winter Storm

S	tori	n Data	and	Unus	ual W	eat	her Phen	omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Persor Killed I		Estimated Damage Property Crops	Character of Storm	March 2002
			. ,	. ,		,	1 2 1		
KANSAS, Northwest	condit		rstate 70. T	he strong win	-		•	w one mile, creating ngle digits, produced v	-
KSZ001>002-013-016- 027	Chey	enne - Rawlii	ns - Sherm	an - Graha	m - Wallace				
	one m		ed numerous	accidents alo				Winter Storm The heavy snow reduce from Limon, Colorado	
KANSAS, Southeast KSZ051>053-067>072- 082>083-091>096- 098>100	r-				-		Freenwood - Wood Itauqua - Montgon	son - Allen - Kingn 1ery - Labette	nan - Sedgwick -
	consid lifting afterno occurr snow occurr	erably, allowing northeast acro oon. By evening ed across that p had overspread ing across Sout	g rich gulf n ss the South s, the snow in art of Centra l South-Cent heast Kansa	noisture to su nern Plains ir ncreased in bo I Kansas geno tral and most s where the s	rge north acro aduced sufficient oth coverage an erally along, and t of Southeast now was occa	ss East ent lift nd inten nd south Kansa sionally	Texas and Oklahoma to produce bands of isity, and between 10 H neast, of a line from H is. Accumulations we y convective. Howeve	Winter Storm oved east into West and into Kansas. An snow across Central 2M and midnight, modu utchinson to McPhersou re 3-6 inches, with th r, northerly winds of 3 visibilities to around 1	apper-level impulse Kansas late in the erate to heavy snow n. By midnight, the ne greater amounts 0-40 mph whipped
Ellsworth County Ellsworth	08	1807CST			0	0		Hail (0.88)	
Ellsworth County Ellsworth Porton County	08	1810CST			0	0		Hail (0.75)	
Barton County 1 E Great Bend Barton County	08	1812CST			0	0		Hail (1.00)	
4 N Great Bend Lincoln County	08	1823CST			0	0		Hail (1.00)	
2 W Westfall Barton County	08	1829CST			0	0		Hail (0.88)	
7 S Great Bend Barton County	08	1838CST			0 0	0		Hail (1.00)	
5 SE Great Bend Rice County 5 SE Chase	08 08	1843CST 1857CST			0	0		Hail (1.00) Hail (1.00)	
Ellsworth County 1 SW Kanopolis	08	1900CST			0	0		Hail (1.00)	
Ellsworth County Ellsworth	08	1905CST			0	0		Hail (0.75)	
Reno County Abbyville	08	1912CST			0	0		Hail (1.00)	
Rice County Lyons Rice County	08	1920CST			0	0		Hail (0.88)	
Lyons Reno County	08	1920CST			0	0		Thunderstorm Wir	nd (G54) ^M
Langdon Reno County	08	1926CST			0	0		Hail (0.75)	
5 W Arlington	08	1930CST			0	0		Hail (1.75)	

		Time Local/	Path Length	Path Width		ber of sons	Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
KANSAS, Southeast								
Reno County								
Hutchinson	08 Down	1930CST ed power lines	severed pow	er to approxit	0 nately 155-1	0 60 reside	25K	Thunderstorm Wind (G56)
Saline County	2000	ed power mies	severed point	er to uppromi	1111019 100 1	00 100100		
4 S Salina	08	1931CST			0	0		Hail (0.75)
Reno County	00				Ū.	Ŭ		
3 NW Hutchinson	08	1934CST			0	0		Hail (0.75)
Saline County								
Brookville	08	1935CST			0	0		Hail (0.75)
Reno County								
4 NE Arlington	08	1936CST			0	0		Hail (0.75)
Kingman County								
8 W Kingman	08	1938CST			0	0		Hail (1.00)
Reno County								
Arlington	08	1939CST			0	0		Hail (0.75)
Kingman County								
Kingman	08	1945CST			0	0	25K	Thunderstorm Wind (G61)
	Power	r lines and pow	er poles dow	ned on west s	ide of town a	ılong higł	iway 54.	
Mcpherson County		1046007			0	0		
5 W Mc Pherson	08	1946CST			0	0		Hail (0.75)
Mcpherson County		1045005			0	0		H
3 SW Conway	08	1947CST			0	0		Hail (0.75)
Mcpherson County	00	1050057			0	0		Hail (0.99)
5 W Mc Pherson	08	1950CST			0	0		Hail (0.88)
Kingman County	08	1953CST			0	0		Thunderstorm Wind (G53) ^M
Kingman		ared by KSN w	eather lab at	Kinoman eler	v nentary scho			Thunderstorm wind (055)
Reno County	mease	area by Rort w	camer nuo at	itinginan elei	nentary seno			
Pretty Prairie	08	1954CST			0	0		Hail (0.75)
Reno County								
2 E Hutchinson	08	1959CST			0	0		Hail (0.75)
Sedgwick County								
Wichita	08	2000CST			0	0	50K	Thunderstorm Wind (G52)
	Fallen	limbs damage	ed cars at W	ichita State.	A fence sur	ounding	Levitt Arena was dai	maged. Limbs hitting power lines severed
	power	to 265 residen	ces.					
Sumner County								
1 N Oxford	08	2000CST			0	0	5K	Thunderstorm Wind (G63) ^M
Vin man Comme	Exit I	9 sign for Well	ington blown	i down.				
Kingman County Spivey	00	2007CST			0	0		Hail (1.00)
Reno County	08	2007031			U	U		Han (1.00)
8 E Hutchinson	08	2011CST			0	0		Hail (0.75)
Kingman County	00	2011051			U	U		Han (0.75)
10 E Kingman	08	2017CST			0	0		Hail (0.75)
Harper County	00	2017001			v	Ū		((), (), (), (), (), (), (), (), (), (),
Corwin	08	2020CST			0	0		Hail (0.75)
Harper County	00	2020 0.01			Ū.	Ŭ		
2 S Harper	08	2020CST			0	0		Thunderstorm Wind (G52)
Harper County	00							
Harper	08	2028CST			0	0		Hail (1.00)
Harvey County								
2 SE Newton	08	2028CST			0	0		Hail (1.00)
Marion County		-						
Tampa	08	2030CST			0	0		Hail (0.75)
Sedgwick County								
5 E Andale	08	2030CST			0	0		Hail (0.75)

		Time	Path	Path		ber of	Estimated	March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Per Killed	sons Injured	Damage Property Crops	Character of Storm
KANSAS, Southeast								
Sedgwick County								
Cheney	08	2032CST			0	0		Hail (0.75)
Harvey County 7 NE Newton	08	2038CST			0	0		Hail (1.00)
Harper County								
Harper	08	2043CST			0	0		Thunderstorm Wind (G52)
Harvey County								
Sedgwick	08	2043CST			0	0		Hail (1.00)
Sedgwick County								
Wichita	08	2043CST			0	0		Thunderstorm Wind (G53) ^M
	Mid-C	Continent Airport.						
Sedgwick County		20 4 4 C C T			0	0		
Wichita	08 North	2044CST Wichita.			0	0		Thunderstorm Wind (G50) ^M
Sumner County								
5 NW Conway Spgs	08	2047CST			0	0		Thunderstorm Wind (G56)
Butler County		2052 CST			0	0		
Andover	08	2052CST			0	0		Thunderstorm Wind (G60) M
Sumner County	00	2052057			0	0		Hail (0.75)
4 N Argonia Sodowiał: County	08	2052CST			U	U		Hail (0.75)
Sedgwick County Maize	08	2058CST			0	0		Thunderstorm Wind (G56)
Sedgwick County	00	2030031			U	U		Thunderstorm wind (050)
Viola	08	2058CST			0	0		Hail (0.75)
Harvey County	00	2030001			Ū	U		Han (0.75)
Newton	08	2100CST			0	0	25K	Thunderstorm Wind (G56)
T C W COM		ed power lines sev	vered powe	er to approxin	nately 155-1			(()))
Butler County		1	1		,, ,			
Towanda	08	2102CST			0	0		Thunderstorm Wind (G52)
Chase County								
1 NE Elmdale	08	2105CST			0	0		Hail (0.88)
Butler County								
4 SW Cassoday	08	2112CST			0	0	25K	Thunderstorm Wind (G56)
	Semi o	overturned on Kar	nsas turnpil	ke at mile ma	rker 73.			
Butler County	00	2115CGT			0	0	50K	There does to see the descent
El Dorado	08 On Ka	2115CST	a comi tra	lar quarturna	-	0		Thunderstorm Wind (G56) vas involved in a two-vehicle accident. No
								roximately 155-160 residences.
Sumner County	injuite	o or ruunnes repo		initer initiatiup	. Downed p		severed power to upp	
4 S Milan	08	2115CST			0	0		Thunderstorm Wind (G56)
Butler County								
Potwin	08	2117CST			0	0	20K	Thunderstorm Wind (G56)
	Large	poles downed.						
Butler County								
Rose Hill	08	2130CST			0	0		Thunderstorm Wind (G52)
Sumner County	00	2120.087			0	0		H_9 (1 00)
Belle Plaine	08	2130CST			0	0		Hail (1.00)
Cowley County	00	2138CST			0	0		Thunderstorm Wind (G64) ^M
Arkansas City	08 KSN V	Weather Lab.			U	U		manuerstorini villa (304)
Butler County	Ron	Weather Eab.						
2 S Rose Hill	08	2150CST			0	0		Thunderstorm Wind (G56)
		branches downed						
Sumner County	-							
2 S Oxford	08	2154CST			0	0		Hail (0.88)
Greenwood County								
Fall River Res	08	2215CST			0	0		Thunderstorm Wind (G52)

		Time	Path	Path	Numl		Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property Crops	Character of Storm	
KANSAS, Southeast									
Chautauqua County									
Sedan	08	2236CST			0	0		Thunderstorm Win	d (G52)
Woodson County									
Yates Center	08	2245CST			0	0		Thunderstorm Win	nd (G52)
Chautauqua County									
Sedan	08	2258CST			0	0	15K	Thunderstorm Win	d (G52)
	Power	lines downed.							
Elk County									
4 N Howard	08	2258CST			0	0		Thunderstorm Win	d (G52)
	Limbs	downed.							
Allen County		2200.000			0	0	10017		1 (079)
3 NE Iola	08 Dation	2300CST		D f h 1	0	0	100K	Thunderstorm Win	. ,
								downed power lines, an the dairy farm, a delive	
	onto it	's side.							
Allen County									
Iola	08	2302CST			0	0	50K	Thunderstorm Win	d (G61)
	Windo	ows blown out o	f unspecified	d number of c	cars and busin	nesses. Ti	rees and power lines of	lowned.	
Montgomery County	00	2225.CET			0	0		Th	A (C.50) M
Coffeyville	08 Coffee	2325CST ville ASOS.			U	0		Thunderstorm Win	la (G50) **
Montgomery County	Coney	ville ASOS.							
Coffeyville	08	2339CST			0	0	75K	Thunderstorm Win	d (G70)
Concyvine		section of roof t	orn from a c	hurch and blo	v			indiderstorin () in	u (070)
Neosho County	Buige	section of roor (indien und en	own onto udj	accin bui	lung.		
Earlton	08	2344CST			0	0	10K	Thunderstorm Win	d (G56)
	Power	lines downed.							× ,
Labette County									
2.5 S Altamont	09	0000CST			0	0	20K	Thunderstorm Win	
		and rafters of sl than 2 inches i			wn 30-50 ya	rds east o	of shed's location. Mi	nor damage to outbuild	lings. A few limbs
Labette County	U								
2 S Altamont	09	0000CST 0005CST			0	0	100K	Thunderstorm Win	nd (G65)
	strewn	ive damage at a	blew into n	eighbor's yar	d, hitting two	o barns. C	Of the two barns, one	destroyed with all mach was unroofed while the down. Pool damaged.	
KANSAS, Southwest									
Stafford County									
9 NNW Hudson	08	1745CST			0	0		Hail (1.00)	
Stafford County									
9 NNW Hudson	08	1745CST			0	0	50K	Thunderstorm Win	d (G87)
	Pivot s	sprinkler was co	mpletely des	stroyed by the	e wind.				
KENTUCKY, Central Clinton County									
Countywide	17	2120EST			0	0		Flash Flood	
-	18	0130EST							
	90, pa	rts of Highway		•	•••		•	Iiller Road between SR Road in the extreme set	
Monroe County	county	•							
Tompkinsville	17	2205EST			0	0		Flash Flood	
r		2330EST							

Leason Date Standard (Mile) (Yards) Kull Japase Property Craps Character of Storm KENTUCKY, Central Store: Creek at Paris: crested at 23.4 feet late on March 20. Flood stage at Paris is 18 feet. Moderate flooding occurs at this lev Water enters some homes below the water plant, and parts of the city park are flooded. Flood KYZ042 Nicholas 0 0 Flood 10 2000FST 0 0 Flood 24 0000FST 0 0 Flood 24 0000FST 0 0 Flood 35 12000FST 0 0 Flood 4 12000FST 0 0 Flood 501 2000FST 0 0 Flood County wide 20 0700FST 0 0 Flood County wide 20 0700FST 0 0 Flood Countywide 20 0700FST 0 0 Flood Larue County 20 0700FST 0 0			Time Local/	Path Length	Path Width	Numb Perse		Estimated Damage	Ν	larch 2002
KYZ042 Double ST O O Fload Since Cooke at Paris crested at 23.4 feet hat on March 20. Fload stage at Paris is 18 feet. Moderate floading occurs at this lee Water enters some homes below the water plant, and parts of the city park are flooded. Since Cooke at Paris is 18 feet. Moderate floading occurs at this lee Water enters some homes below the water plant, and parts of the city park are floaded. KYZ043 Nicbels Fload Fload The Cooke at Paris crested at 23.4 feet hat in the evening on March 20. Fload stage at Blue Licks Spring is feet. Home Thooding occurs at this lee with some floading or crop lands. Fload Grayson County 2 23000EST 0 Floads Fload Countyvide 0 Viscepters 0 Floads Fload Countyvide 0 Floads Fload Floads Fload Floads Fload 0	Location	Date		-				-	Character of Storm	
10 10 10 Flood 21 1000EST 0 Flood Stoner Corek at Paris crested at 23.4 feet late on March 20. Flood stage at Paris is 18 feet. Moderate flooding occurs at this let Water enters some homes below the water plant, and parts of the city park are flooded. KYZ043 Nicholast 0 Flood 19 2300EST 0 Flood 20 0430EST 0 Flood 30 0000EST 0 Flood 31 2300EST 0 0 Flood 32 0000EST 0 Flood 10 Contrywide 0 0 Flash Flood 10 1030EST 0 0 Flash Flood 10 10 1030EST 0 0 Flash Flood 10 1	KENTUCKY, Centra	<u>1</u>								
21 200FST Storet Creck at Pais crested at 23.4 feet late on March 20. Flood stage at Paris is 18 feet. Moderate flooding occurs at this let Water enters some homes below the water plant, and parts of the city park are flooded. KYZ043 Nicholas Flood 19 2300EST 0 Flood 24 0900EST The Licking River at Blue Licking Spring crested at 34.6 feet late in the evening on March 20. Flood stage at Blue Licking Spring is feet. Minor flooding occurs at this level with some flooding of crop lands. Grayson County 0 Flash Flood Countywide 0 Flash Flood Boyle County 0 Flash Flood Countywide 0 Flash Flood Countywide 0 Flash Flood Countywide 0 Flash Flood Countywide 0 Flash Flood Larree County 0 Flash Flood Countywide 0 Flash Flood Larree County 0 Flash Flood Countywide 0 Flash Flood Countywide 0 Flash Flood Countywide 0 Flash Flood Larree County 1200EST 0 <td< td=""><td>KYZ042</td><td>Bou</td><td>rbon</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	KYZ042	Bou	rbon							
Storer Creek at Paris crested at 23.4 feet late on March 20. Flood stage at Paris is 18 feet. Moderate flooding occurs at this lee Water enters some homes below the water plant, and parts of the city park are flooded. KYZ043 Nicholas 9 Flood 19 2300EST 0 0 Flood 10 0000EST 0 Flood 10 Countywide 20 0430EST 0 0 Flood 1200EST 0 0 Flood 10 10 Boyle County 1000EST 0 0 Flash Flood 10 10 Countywide 10 0 0000EST 0 0 Flash Flood 10						0	0		Flood	
Water enters some homes below the water plant, and parts of the city park are flooded. KYZ043 Nicholas Flood The Licking River at Blue Licks Spring crested at 34.6 feet late in the evening on March 20. Flood stage at Blue Licks Spring is feet. Minor flooding occurs at this level with some flooding of crop lands. Flood Grayson County 0 6430EST 0 Plash Flood Countywide 0 6430EST 0 Plash Flood Countywide 0 0 Flash Flood Plash Flood 1200EST 0 0 Flash Flood Plash Flood					246 . 1 .	14 1 20	F 1 1			
image: scale in the second of the second									et. Moderate flooding occurs	at this level
24 0000EST The Licking Kirver at Bub Licks Spring crested at 34.6 feet late in the evening on March 20. Flood stage at Blue Licks Spring is feet. Minor flooding occurs at this level with some flooding of crop lands. Grayson County Countyvide 20 0 0 Flash Flood Boyle County Countyvide 20 0 0 Flash Flood Boyle County Countyvide 20 0 0 Flash Flood Boyle County Countyvide 20 0 0 Flash Flood Countyvide 20 0 0 Flash Flood Countyvide 20 0 0 Flash Flood Countyvide 20 0 0 Flash Flood Uidespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. High 1200EST 0 Flash Flood Marion County 20 0700EST 0 Flash Flood Countyvide 20 0700EST 0 Flash Flood 1030EST 0 Flash Flood Countyvide 20 0700EST 0 County 20 0700EST 0 Flash Floo	KYZ043	Nich	olas							
The Licking River at Blue Licks Spring crested at 34.6 feet late in the evening on March 20. Flood stage at Blue Licks Spring is recovered with some flooding of crop lands. Grayson County 2 430EST 0 0 Flash Flood Countyvide 2 430EST 0 0 Flash Flood Boyle County 0 0 Flash Flood 0 0 Flash Flood Countyvide 0 0 Flash Flood 0 0 Flash Flood Countyvide 0 0 Flash Flood 0 Flash Flood Countyvide 0 0 Flash Flood 0 Flash Flood Countyvide 0 0 Flash Flood 0 Flash Flood 1200EST 0 0 Flash Flood 0 Flash Flood 1200EST 0 0 Flash Flood 0 Flash Flood Marcin County 1030EST 0 0 Flash Flood 0 Flash Flood Countyvide 10 0 Flash Flood 0 Flash Flood 0 0 Flash Flood 1030EST 0 0						0	0		Flood	
Grayson County Countywide 20 0430EST 0 0 Flash Flood Source Countywide 20 0700EST 0 0 Flash Flood Boyle County 20 0700EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Larue County 1030EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Larue County 1200EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Marino County 1200EST 0 0 Flash Flood Uidespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. High Marino County 1030EST 0 Flash Flood Countywide 20 0700EST 0 Flash Flood 1030EST 0 Videspread flooding was reported with numerous small streams and creeks out of their banks and				Blue Licks	Spring crested	d at 34.6 feet	late in t	he evening on March	20. Flood stage at Blue Licks	Spring is 25
Countywide 20 0430EST 0 0 Flash Flood Numerous roads were impassable. Creeks and streams were out of their banks. Numerous roads were impassable. Creeks and streams were out of their banks. Flash Flood Souge County 0 0 Flash Flood Uidespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Flash Flood Larrue County 0 0 Flash Flood Videspread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. High various were flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. High variou was flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Marcin County 0 0 Flash Flood Marcer County 1030EST 0 Flash Flood Marcer County 20 0700EST 0 <									2017 1000 stage at 2100 2101s	Spring 15 20
Description Description Boyle County 20 0700EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Larue County 20 0700EST 0 0 Flash Flood Larue County 20 0700EST 0 0 Flash Flood Larue County 20 0700EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Guinywide 20 0700EST 0 0 Flash Flood Uidespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. High 470 was flooded. Marion County 20 0700EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood <td>Grayson County</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Grayson County									
Numerours Numerours Service Service <td>Countywide</td> <td>20</td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td></td> <td>Flash Flood</td> <td></td>	Countywide	20				0	0		Flash Flood	
Countywide 20 0700EST 0 0 Flash Flood Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Larue County Countywide 0 700EST 0 Plash Flood Larue County 1200EST 0 Plash Flood Plash Flood Marion County 700 was flooded. Phillips Lane was flooded. Plash Flood Plash Flood Marion County 0 Plash Flood Plash Flood Marcer County 0 Plash Flood		Nume		e impassable.	Creeks and s	streams were	out of th	eir banks.		
Image: Biologic Street 1030EST Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Larue County 20 0700EST 0 Flash Flood Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Highy 470 was flooded. Phillips Lane was flooded. Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Highy 470 was flooded. Phillips Lane was flooded. Marion County 20 0700EST 0 Plash Flood Countywide 20 0700EST 0 0 Flash Flood Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Washington County 20 0700EST 0 Flash Flood Bourbon County 20 0700EST 0 Plash Flood Bourbon County 20 0700EST 0 Plash Flood Green County 20 0820EST 0 Plash Flood Green County <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Larue County Products T 0 Flash Flood Countywide 0 Flash Flood Flash Flood Warrion County 0 Flash Flood Flash Flood Marion County 0 Flash Flood Flash Flood Warrion County 0 Plash Flood Flash Flood Countywide 0 0 Flash Flood Flash Flood Warrion County 0 0 Flash Flood Flash Flood Countywide 0 0 Flash Flood Flash Flood Warrion County 0 Flash Flood Flash Flood Flash Flood Countywide 0 Notespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Flash Flood Count	Countywide	20				0	0		Flash Flood	
Countywide 20 0700EST 0 Flash Flood L2000EST Noticespread Flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. High ATU was flooded. Marion County Image: Countywide 0 Flash Flood Countywide 0 Flash Flood Flash Flood Mercer County Videspread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Flash Flood Mercer County 1200EST 0 Flash Flood Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Flash Flood Washington County 1030EST 0 Flash Flood Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Flash Flood Washington County 1030EST 0 Flash Flood Bourbon County 1030EST 0 Flash Flood Bourbon County 1200EST 0 Flash Flood Paris 1200EST 0 Flash Flood Countywide 10 8830EST 0 Plash Flood Countywide 1200EST 0		Wide		was reported	l with numero	ous small strea	ams and	creeks out of their ban	ks and some roads were close	d.
I200EST Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Highy 470 was flooded. Phillips Lane was flooded. Marion County Countywide 20 0700EST 0 0 Flash Flood Marion County Countywide 20 0700EST 0 0 Flash Flood Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Washington County Countywide 20 0700EST 0 0 Flash Flood Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Washington County Countywide 20 0700EST 0 0 Flash Flood 1030EST 0 0 Flash Flood 10300EST 0 0 Flash Flood Countywide 20 0 0 Flash Flood 1200EST 0 0 Flash Flood Countywide 20 0 <						0	0			
Marion County	Countywide	20				0	0		Flash Flood	
Marion County Countywide 0 0 Flash Flood Countywide 0 0 Flash Flood 100 Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Mercer County Countywide 0 0 Flash Flood Mercer County 1200EST 0 0 Flash Flood Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Most county wide 1030EST Washington County 0 0 Flash Flood 1030EST Most county roads were flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Most county Most spread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Most county Paris 0 0 Flash Flood Six to eight streets in the city of Paris were closed by high water. Low lying areas were flooded and Highway 460E was closed. Green County 1200EST 0 Flash Flood Countywide 20 830EST 0 Flash Flood Countywide 1200EST 0 Flash Flood County						ous small stre	ams and	creeks out of their ba	nks and some roads were clos	ed. Highway
Countywide200700EST 1030EST00Flash FloodWeiespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed.Mercer County Countywide200700ESST 1200ESST0Plash FloodMashington County Countywide0Plash Flood0Plash FloodMost county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68.Note county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68.Washington County Countywide00Plash FloodMost county roads were flooding was reported with numerous small streams and creeks out of their banks and some roads were closed.Bourbon County Paris00Plash FloodBourbon County Countywide00Flash FloodBourbon County County0	Marian County	470 w	vas flooded. Phil	llips Lane wa	is flooded.					
Image: Second problem in the second	-	20	0700FST			0	0		Flach Flood	
Mercer County Countywide 20 0000EST 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Washington County 20 0700EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Washington County 20 0700EST 0 0 Flash Flood Double ST 0 0 Flash Flood 0 0 Flash Flood Bourbon County 0 820EST 0 0 Flash Flood 0 0 Flash Flood Bourbon County 0 820EST 0 0 Flash Flood 0 0 Flash Flood Bourbon County 0 830EST 0 0 Flash Flood	Countywide		1030EST							
Countywide200700EST 1200EST00Flash FloodMost courty roads were flooded. Some primary roads were inplaces, including the places, p	Maria	Wide	spread flooding	was reported	l with numero	ous small strea	ams and	creeks out of their ban	ks and some roads were close	d.
I200EST Most county roads were flooded. Some primary roads were impassable in places, including Highways 127 and 68. Washington County 0 Flash Flood Countywide 0 0 Flash Flood Dates prime 0 0 Flash Flood Bourbon County 0 Flash Flood 0 Paris 20 0830EST 0 0 Flash Flood Green County 0 0 Flash Flood 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood 0 0 Flash Flood Green County 20 0830EST 0 0 Flash Flood 0 0 Flash Flood Taylor County 20 0 0 0 Flash Flood 0 0 Flash Flood Taylor County 0 0 Plash Flood 0 Flash Flood 1200EST 0 0 Flash Flood 0 Flash Flood Countywide 20 0 0 Flash Flood 0 0 Flash Flood 0 0	-	20	0700EST			0	0		Flash Flood	
Washington County Countywide 20 0700EST 0 0 Flash Flood Countywide 20 0700EST 0 0 Flash Flood Bourbon County Paris 20 0820EST 0 0 Flash Flood Bourbon County Paris 20 0820EST 0 0 Flash Flood Six to eight streets in the city of Paris were closes by high water. Low lying areas were flooded and Highway 460E was closed. Green County Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County TayloeST 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood LooEST Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County Countywide 20 0830EST 0 0 Flash Flood Mumerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Garrard County 0 0 Flash Flood	County white		1200EST							
Countywide 20 0700EST 0 0 Flash Flood Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Bourbon County V Videspread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Paris 20 0820EST 0 0 Flash Flood Green County Six to eight streets in the city of Paris were closed by high water. Low lying areas were flooded and Highway 460E was closed. Green County V 1200EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taglor County Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County 20 0830EST 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood Garrard County 20 0900EST 0 Flash Flood	Washington County	Most	county roads we	ere flooded. S	Some primary	v roads were i	mpassab	ble in places, including	Highways 127 and 68.	
I030EST Widespread flooding was reported with numerous small streams and creeks out of their banks and some roads were closed. Bourbon County Paris 20 0820EST 0 Plash Flood Six to eight streets in the city of Paris were closes by high water. Low lying areas were flooded and Highway 460E was closed. Green County Green County 0 Plash Flood Flash Flood 1200EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Flash Flood Taylor County Countywide 20 0 0 Plash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Flash Flood Garrard County Countywide 20 0 0 Plash Flood Garrard County 0 0 Flash Flood		20	0700EST			0	0		Flash Flood	
Bourbon County Paris 20 0820EST 0 0 Flash Flood Paris 20 0820EST 0 0 Flash Flood Six to eight streets in the city of Paris were closes by high water. Low lying areas were flooded and Highway 460E was closed. Green County 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood Taylor County Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County Countywide 20 0830EST 0 0 Flash Flood Mumerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County 0 0 Flash Flood Garrard County 20 0830EST 0 0 Flash Flood 0 Garrard County 20 0900EST 0 Flash Flood 0 Flash Flood	county white		1030EST							
Paris 20 0820EST 1200EST 0 0 Flash Flood Six to eight streets in the city of Paris were closes by high wet. Low lying areas were flooded and Highway 460E was closed. Six to eight streets in the city of Paris were closes by high wet. Low lying areas were flooded and Highway 460E was closed. Green County Countywide 20 0830EST 1200EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Low lying areas were under water. Taylor County Countywide 20 0830EST 1200EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Image: County water water water. Image: County water water. Garrard County 20 0900EST 0 Image: Flash Flood Countywide 20 0900EST 0 Flash Flood	Downhaw Country	Wide	spread flooding	was reported	l with numero	ous small strea	ams and	creeks out of their ban	ks and some roads were close	d.
1200EST Six to eight streets in the city of Paris were closes by high water. Low lying areas were flooded and Highway 460E was closed. Green County Countywide 20 0830EST 0 0 Flash Flood 1200EST 0 0 Flash Flood 0 0 Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Numerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Countywide 20 0900EST 0 Flash Flood	-	20	0820EST			0	0		Flach Flood	
Green County 20 0830EST 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Numerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Countywide 20 0900EST 0 Flash Flood	1 41 15		1200EST							
Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Garrard County 20 0900EST 0 Flash Flood	Croon County	Six to	eight streets in	the city of Pa	aris were clos	es by high wa	ter. Low	v lying areas were floo	ded and Highway 460E was c	losed.
1200EST Numerous roads and city streets were closed due to high water. Low lying areas were under water. Taylor County Countywide 20 0830EST 0 0 Flash Flood 1200EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Countywide 20 0900EST 0 Flash Flood	•	20	0830FST			0	0		Flach Flood	
Taylor County 20 0830EST 0 0 Flash Flood Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Countywide 20 0900EST 0 Flash Flood	Countywide	20				U	U		Flash Flood	
Countywide 20 0830EST 0 0 Flash Flood Numerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Countywide 20 0900EST 0 0 Flash Flood	— • • • •	Nume	erous roads and	city streets w	vere closed du	e to high wat	er. Low	lying areas were under	water.	
1200EST Numerous roads and city streets were closed due to high water. Low lying areas were under water. Garrard County Countywide 20 0900EST 0 Flash Flood	• •	• •	0000507			0	0			
Garrard CountyCountywide200900EST00Flash Flood	Countywide	20				0	0		Flash Flood	
Countywide 20 0900EST 0 0 Flash Flood		Nume	erous roads and	city streets w	vere closed du	e to high wat	er. Low	lying areas were under	water.	
	-	20	ADAATST			٥	0			
1200EST	Countywide	20	0900EST 1200EST			U	0		Flash Flood	
A couple of county roads were closed and mud slides were reported.	F (1) G	A cou	uple of county re	oads were clo	sed and mud	slides were re	eported.			
Fayette County		•	004 5 5075			•	0			
Lexington 20 0945EST 0 0 Flash Flood 1200EST	Lexington	20				0	0		Flash Flood	
The intersection of New Circle Road and Richmond Road was closed by high water. The Winchester Road exit from Interstate		The i		lew Circle R	oad and Rich	mond Road	was clos	sed by high water. The	Winchester Road exit from	Interstate 64
was closed.								, , , , , , , , , , , , , , , , , , , ,		

		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage		March 200
Location	Date	Standard	(Miles)	(Yards)		Injured	Property Crops	Character of Storm	
KENTUCKY, Central									
Jessamine County									
Countywide	20	0945EST 1200EST			0	0		Flash Flood	
		Numerous roa					way 68. A female was	rescued from a vehicl	e trapped by risin
Clark County									
Countywide	20	1000EST 1045EST			0	0		Flash Flood	
	Severa Winch	•	re closed by	high water. T	here were muc	l slides	east of Winchester. M	otorists had to be rescu	ed from vehicles i
Edmonson County									
Countywide	20	1000EST 1045EST			0	0		Flash Flood	
Harrison County	Severa	al roadways we	re closed by I	high water.					
Countywide	20	1000EST 1045EST			0	0		Flash Flood	
	Severa	al roadways we	e closed by l	high water.					
Hart County									
Countywide	20	1000EST 1045EST			0	0		Flash Flood	
Madison County	Severa	al roadways we	re closed by I	high water.					
Countywide	20	1000EST			0	0		Flash Flood	
County whice		1200EST bad was closed	bv high wate	r. Numerous i			ith water.	i iusii i ioou	
Scott County			, ,						
Countywide	20	1000EST 1045EST			0	0		Flash Flood	
Nicholas County	Severa	al roadways we	re closed by I	high water.					
Countywide	20	1030EST 1200EST			0	0		Flash Flood	
	Two c	ounty roads we	re closed by	high water.					
KYZ026	Ohio								
	20	0630EST			0	0		Flood	
	22	1030EST							
							arch 21. Flood stage at near the bridge begins	Dundee is 25 feet. Min to flood.	nor flooding occur
KYZ057	Madi	ison							
	20	0800EST			0	0		Flood	
	21 The K this le	2	at Ford creste	ed at 28.0 feet	t on the evening	ng of M	arch 20. Flood stage a	t Ford is 26 feet. Minor	flooding occurs
KYZ048	Jessa				0	0		FI	
	20 22	1100EST 1500EST			0	0		Flood	
	The K				34.5 feet ear	ly in the	e morning of March 2	1. Flood stage at High	n Bridge is 30 fee
KYZ037	Harr	•							
1112/03/	пагг 20	1200EST			0	0		Flood	
	20	1800EST			-	-			

20 feet. Minor flooding occurs at this level. Some area streets were covered with water.

		T .	D 1	Doth	×* -	c		
		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
KENTUCKY, Centra	_							
KYZ045	Nelso 20	on 1500EST			0	0		Flood
	24	0700EST			Ū	0		1000
		-					on the evening of Ma looded outside of Bos	urch 22. Flood stage at Boston is 35 feet.
KYZ061	Butle							
	20	1600EST			0	0		Flood
	28 The (1300EST Treen River at R	ochester cre	ested at 19.8	feet early in	the after	moon on March 23 F	flood stage at Rochester is 17 feet. Minor
		ng occurs at this		.sted at 19.0	feet early in	the arter	noon on March 23. I	food stage at Roenester is 17 feet. Willion
KYZ035	Fran	klin						
	20 23	1900EST 1330EST			0	0		Flood
			at Frankfort	crested at 3	5.8 feet late	in the ev	ening of March 21. H	Flood stage at Frankfort is 31 feet. Minor
	floodi	ng occurs at this	level. Parts	of Kentucky	420 were floo	oded.		
KYZ061	Butle				0	0		
	20 24	1900EST 0500EST			0	0		Flood
			•			-		ge at Woodbury is 33 feet. Minor flooding
1/1/20/2			e river flood	is lowlands a	round the tow	n and se	veral county roads.	
KYZ063	Hart 21	1000EST			0	0		Flood
		1900EST					<u> </u>	
					•		bridge is flooded.	1. Flood stage at Munfordville is 28 feet.
KYZ062	Edm	onson		• •			-	
	21	1000EST			0	0		Flood
	22 The C	2200EST Green River at E	Brownsville	crested at 19	9.9 feet on th	e morni	ng of March 22. Floo	od stage at Brownsville is 18 feet. Minor
							lls and some of the low	÷
KYZ030	Jeffe							
	23 25	1100EST 0200EST			0	0		Flood
	The C							age at the McAlpine Lock upper gage is 23
	feet. I	Amor flooding of	ccurs at this	level. Some	sections of Ri	ver Road	are flooded near Cox	's Park.
Ohio County Beaver Dam	26	0300EST			0	0		Flash Flood
Deuver Dum		0435EST						
Breckinridge County	Water	was over US Hi	ighway 62 ji	ist west of th	e Beaver Dan	n city lin	nits.	
Big Spg	26	0330EST			0	0		Flash Flood
	Highy	0600EST vay 333 near Big	Springs wa	s impassable	due to high v	vater.		
KYZ026	Ohio		1 0	1	U			
	26	1530EST			0	0		Flood
	27 Roug	2230EST h River at Dund	ee crested a	t 25.9 feet e	arlv in the af	ternoon	of March 27. Flood st	tage at Dundee is 25 feet. Minor flooding
							le long near the bridge	
Meade County								
Wolf Creek Meade County	29	1455EST			0	0		Hail (0.75)
Payneville	29	1507EST			0	0		Hail (1.50)
Meade County					~	c	1077	
Brandenburg	29 Vehic	1510EST les were damage	d by large b	ail	0	0	10K	Hail (1.75)
	, chit	ies were damage	a by large li					

		Time Local/	Path Length	Path Width	Num	ber of sons	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	-	ops Character of S	torm
KENTUCKY, Centra	<u>l</u>								
Meade County									
Doe Vly Estates		1515EST were destroye ed by golfball s		nomes was de	0 estroyed, wii	0 ndows we	100K ere shattered, gut	Hail (1.75) ters and vehicles we	re dented. The ground was
Bullitt County	cover	cu by gonban s	ize nan.						
Shepherdsville	29	1520EST			0	0		Hail (2.00)	
Hardin County									
Ft Knox	29	1523EST			0	0		Hail (1.00)	
	The a	rmy air field at	Fort Knox als	so recorded a	42 knot win	d gust and	d observed a funn	el cloud.	
Breckinridge County	•••	1525567			0	0		These desired -	
Union Star	29 Telepi	1525EST hone lines were	downed		0	0		Inundersto	rm Wind (G65)
Jefferson County	reiep	none mies were	downed.						
Valley Station	29	1525EST			0	0		Hail (0.75)	
Bullitt County									
Shepherdsville	29	1530EST			0	0		Hail (1.75)	
Hardin County									
West Pt	29	1530EST			0	0		Hail (1.75)	
Bullitt County									
.5 S Shepherdsville	29	1540EST			0	0		Hail (2.00)	
Bullitt County									
Shepherdsville	29	1545EST			0	0		Thundersto	rm Wind (G65)
Nolcon County	Trees	were blown do	wn.						
Nelson County Bardstown	29	1545EST			0	0		Hail (1.75)	
Darustown	49	1547EST			U	v		Han (1.75)	
Nelson County									
Coxs Creek	29	1545EST			0	0		Hail (1.75)	
Nelson County									
Coxs Creek	29	1550EST			0	0		Thundersto	rm Wind (G65)
a a (Trees	were blown do	wn.						
Spencer County	20	1550EST			0	0		Hail (0.88)	
Wakefield Washington County	29	1550151			U	U		Hall (0.00)	
Willisburg	29	1615EST			0	0		Hail (1.00)	
Anderson County	<u></u>	10102.51			Ū	Ū		1100)	
Ashbrook	29	1620EST			0	0		Hail (0.75)	
Anderson County									
Lawrenceburg	29	1620EST			0	0		Hail (1.00)	
Mercer County									
Harrodsburg	29	1630EST			0	0		Hail (0.75)	
Woodford County									
Nonesuch	29	1630EST			0	0		Hail (0.75)	
Nelson County	•0	1/2550			0	0		II (1 77)	
Bardstown	29	1635EST			0	0		Hail (1.75)	
Washington County Springfield	29	1640EST			0	0		Thundersto	rm Wind (G65)
Springheiu		were downed a	and electric po	wer was kno		U		Thuhueisto	
Jessamine County	11005	were downed t	and checule po		eneu out.				
Nicholasville	29	1645EST			0	0		Hail (1.00)	
Washington County									
Springfield	29	1645EST			0	0		Hail (1.75)	
Madison County									
Redhouse	29	1655EST			0	0		Hail (0.88)	
Madison County					^	~			
Redhouse	29 Traca	1655EST			0	0		Thundersto	rm Wind (G65)
	rees	were downed.							

Storm Data and Unusual Weather Phenomena Time Path Path Number of Estimated March 2002 Local/ Width Length Persons Damage Location Standard Killed Crops Character of Storm Date (Miles) (Yards) Property Injured **KENTUCKY**, Central Washington County 0 Countywide 29 1700EST 0 75K Thunderstorm Wind (G75) Widespread wind damage was reported around the county. Two barns and two silos were destroyed. Power lines were downed. **Mercer County** Harrodsburg 29 1710EST 0 0 Hail (1.00) 1711EST **Madison County** 1715EST 0 0 Hail (0.75) Waco 29 **Mercer County** Tstm Wind/Hail 29 1725EST 0 0 Burgin There was a 60 mph wind gust along with 1.75 inch hail.

	There	e was a 60 mph wind gust a	along with 1.75 inch	hail.				
Garrard County								
Bryantsville	29	1728EST		0	0			Hail (1.00)
Garrard County								
Bryantsville	29	1728EST		0	0			Thunderstorm Wind (G60) ^M
Madison County								
4 SW Richmond	29	1740EST		0	0			Hail (0.75)
Madison County								
Kingston	29	1755EST		0	0	10K		Thunderstorm Wind (G75)
0	Trees	were downed and a buildi	ng was destroyed.					
Madison County								
Waco	29	1755EST		0	0			Hail (0.88)
Madison County								
Waco	29	1800EST		0	0			Hail (1.00)
Larue County								
Hodgenville	29	1905EST		0	0			Hail (0.75)
Boyle County								
Perryville	29	1945EST		0	0			Hail (0.75)
Logan County								
Adairville	29	1945EST		0	0			Hail (0.75)
Warren County								
Alvaton	29	2005EST		0	0			Hail (1.00)
Simpson County								
Providence	29	2015EST		0	0			Hail (0.75)
Taylor County								()
10 N Campbellsville	29	2015EST		0	0			Hail (0.88)
Allen County	2)			Ū	Ū			(000)
Alonzo	29	2024EST		0	0			Thunderstorm Wind (G65)
Alonzo		were blown down.		v	Ū			Thuhuerstorm (Chiu (Coc)
Metcalfe County	11003	were blown down.						
Center	29	2025EST		0	0			Thunderstorm Wind (G65)
Metcalfe County				Ŭ	Ū			
Edmonton	29	2030EST		0	0			Hail (0.75)
Adair County	2)			v	Ū			
Columbia	29	2055EST		0	0			Thunderstorm Wind (G65)
Columbia		r lines were downed.		Ū	U			Thunderstorm (Child (Cos)
Allen County	1000	i mes were downed.						
Amos	29	2055EST		0	0			Hail (0.75)
								()
KENTUCKY, Easter	n							
Fleming County								
Fairview	15	1945EST		0	0	0	0	Hail (0.88)
Wayne County								
Monticello	17	0600EST		0	0			Urban/Sml Stream Fld
wioliticello	17	0900EST		0	U			or ban/bim bu cam Fiu
	Some	Monticello city streets had	d standing water due	to water	backup.			

Some Monticello city streets had standing water due to water backup.

		Time Local/	Path Length	Path Width	Numb Pers		Estima Dama			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
KENTUCKY , Easter	n									
Whitley County										
Williamsburg	17	0815EST			0	0			Urban/Sml Stream	Fld
		1015EST								
	A sma	all amount of wa	ater was repo	orted over inte	erstate 75. Mi	id Creek	came out of	its banks.		
Knox County										
Barbourville	17	2000EST			0	0	50K	0	Flash Flood	
	18	0900EST			-f Maush 17	7	1 to			
		d, a bridge was					d in repeated	episode	s of flash flooding. Nu	merous roads wer
	noode	a, a bridge was	washed out,	und a traner	was washed t	tway.				
Bell County		201 5 5 6 7 5			0	0	1017	0		
10 E Pineville to Pineville	17 18	2015EST 0900EST			0	0	10K	0	Flash Flood	
1 mevine		rains that fell c	caused severa	al roads to be	closed across	Bell Co	untv			
	rieu, j					Den co				
Mccreary County		2020565			0	0	1017	0		
5 S Stearns	17 18	2030EST 0900EST			0	0	10K	0	Flash Flood	
			orted 4.3 in	ches of rain	had fallen si	nce Marc	h 16. This r	esulted i	n repeated episodes of	flash flooding and
		rous road closur							II	6
Whitley County										
10 SW Williamsburg	17	2145EST			0	0	50K	0	Flash Flood	
10500 winnamsburg	18	0900EST			v	Ū	2011	Ū	i mon i toou	
	Heavy	rains that fell	on March	17 and 18 re	esulted in nu	merous	road closures	and eva	acuations across Whitle	ey County. Part o
	Highw	vay 92W, near t	he McCreary	County line,	was washed	away.				
Laurel County										
London	17	2155EST			0	0	10K	0	Flash Flood	
		2300EST								
	24 Ho	ur rainfall amou	unts between	four and five	inches, caus	ed severa	al roads to be	flooded.		
Harlan County										
Closplint	17	2155EST			0	0	50K	0	Flash Flood	
-	18	0900EST								
						eral evacu	uations as we	ll as num	nerous road closures acro	oss much of Harla
	Count	y. 12 hour rain	fall amounts	exceeded thr	ee inches.					
Pulaski County										
Somerset	17	2200EST			0	0	50K	0	Flash Flood	
	18	0900EST	11 - 61			- 4 4	£-11 1		-1	
	Heavy	rains caused a	wall of an at	bandoned stor	e to collapse.	a tree to	fall, and sew	ers to ba	ск ир.	
Wayne County										
Monticello	17	2220EST			0	0	10K	0	Flash Flood	
	18 Userry	0500EST	lanah 17th aa	used non-osted	l amia a daa of	flock flor	dina Carrana	l noodo rr	iona floodad	
	пеачу	rains during M	larch 17th ca	used repeated	episodes of	masn moe	buing. Severa	i roads w	ere nooded.	
KYZ085>088	Whit	ley - Knox - I	Bell - Harl	an						
	17	2345EST			0	0	26.5M		Flood	
	23 The C	0138EST	or floodad b	atwaan Marak	18th and 22	rd due to	ralantlass h		s. A total of 300 reside	nte wore dieplace
		the Cumberland								and were displaced
			, 0 011		. , , und ,			r	5	
Leslie County	10	0015587			Δ	Δ	5017	Δ	Flach Flood	
Stinnett	18	0015EST 0900EST			0	0	50K	0	Flash Flood	
	Heavy		larch 17 and	March 18 cau	using homes t	o be eva	cuated and se	veral roa	ds to be flooded.	
			, and							
Clay County	10	0200000			٥	Δ	1077	0	Eloch Elocal	
2 S Manchester	18	0300EST 1200EST			0	0	10K	0	Flash Flood	
	Haarr	rains that fell of	on March 17	and 18 agues	d correnol no o	1 61	d			

		Time Local/	Path Length	Path Width	Numb Pers		Estima Dama		М	arch 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
KENTUCKY, Easte	<u>rn</u>									
Floyd County	10	0500EST			0	0	0	0	Unbon/Sml Streem Eld	
Wayland	18	0500EST 0800EST			0	0	0	0	Urban/Sml Stream Fld	
	A few	homes in Wayl	and and Esti	ll Bottom had	l water aroun	d them.				
Pike County										
10 S Pikeville	18	0645EST 0900EST			0	0	5K	0	Flash Flood	
	Heavy	rains that fell of	on March 17	and 18 caused	d several road	ls to floo	od.			
Letcher County										
Whitesburg	18	0700EST			0	0	0	0	Urban/Sml Stream Fld	
	A sma	all amount of wa	ater was repo	rted over high	nway 15.					
KYZ111-114>115		Owsley - Per	rry		0	0				
	18 21	0742EST 0013EST			0	0	300K		Flood	
			he Kentucky	River and pro	oduced up to	300,000	dollars worth	of dama	ge along the north fork in Perry	County.
KYZ107	John	son								
	19	1623EST			0	0	50K	0	Flood	
	20 Declar	0700EST	d atuaanaa an	d analys to fl	a a d magnitim a		مر ما ما م		aintavilla	
		nged rains cause	u sueams an	u creeks to m	bou resulting	III Severa	ai ioau ciosui	es near r	annsvine.	
KYZ106	Morg 19	gan 1800EST			0	0	10K	0	Flood	
	19 20	1000EST 1000EST			U	U	IUK	U	rioou	
	Prolo	nged rains cause	d streams an	d creeks to ri	se out of thei	r banks. :	Several roads	were flo	oded.	
KYZ044	Flem	ing								
	20	0145EST			0	0	10K	0	Flood	
	Prolo	1100EST nged rains cause	d streams an	d creeks to fl	ood. resulting	y in nume	erous road clo	osures.		
KYZ051	Bath	•				,				
K12051	20	0225EST			0	0	10K	0	Flood	
		1000EST								
	Proloi	nged rainfall cau	ised streams	and creeks to	flood, result	ing in nu	merous road	closures.		
KYZ050		tgomery								
	20	0230EST 1100EST			0	0	10K	0	Flood	
	Prolo	nged rains cause	d streams an	d creeks to ov	verflow their	banks. T	his resulted i	n several	road closures.	
KYZ052	Rowa	an								
	20	0400EST			0	0	30K	0	Flood	
	Duclos	1100EST	d atuaana au	d anaalra ta al	limb out of th	ain hanlı	. Numerous	noodo mo	no flooded and homes along Te	inlatt Cusal
		rehead had to be		id creeks to ci		ieir bank	s. Numerous	roads we	re flooded and homes along Tr	ipien Creel
KYZ044-052		ing - Rowan								
K12077-032	20	0428EST			0	0	500K		Flood	
		0945EST								
		e	oded due to	neavy rains. 7	5 percent of	the home	es in Farmers	were dan	naged and numerous roads wer	e flooded.
KYZ059	Powe					^	4.077	•		
	20	0621EST 1100EST			0	0	10K	0	Flood	
	Prolor		d streams an	d creeks to fl	ood. This res	ulted in r	numerous roa	d closures	across Powell County.	
KYZ104	Ellio	tt								
		0645EST			0	0	7K	0	Flood	
	20	0045151			U	U	/15	v	11000	

		Time Local/	Path Length	Path Width	Num		Estima Dama			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
KENTUCKY, Easte	<u>rn</u>									
KYZ060	Menif				0	0		0		
	20	0700EST 1100EST			0	0	5K	0	Flood	
	Prolon	ged rains caus	ed creeks and	streams to o	verflow. Sev	eral roads	s were floode	d.		
KYZ058	Estill									
	20	0730EST 1100EST			0	0	10K	0	Flood	
	Prolon		ed streams an	d creeks to cl	imb out of th	neir bank	s. This resulte	ed in num	erous road closures acro	oss Estill County.
Estill County										
Irvine	29	1805EST			0	0	0	0	Hail (0.75)	
Lee County	20	1010557			0	0			Hail (0.75)	
4 N Beattyville	29	1818EST			U	U			Hail (0.75)	
Lee County Heidelberg	29	1820EST			0	0			Hail (1.00)	
Breathitt County	->	1010101			Ū	Ū				
Jackson	29	1838EST			0	0			Hail (0.75)	
Breathitt County										
2 N Jackson	29	1841EST			0	0			Hail (0.75)	
Breathitt County										
Jackson	29 Di	1843EST		1	0	0			Hail (0.75)	
	Dime s	ized hail was	covering the	ground at the	Lakeside sui	odivision				
Breathitt County Haddix	29	1845EST	0.1	20	0	0	1K		Tornado (F0)	
muun		tornado briefl						use.	(_ ;)	
Fleming County										
Fairview	29	2015EST			0	0			Hail (0.75)	
Fleming County										
Flemingsburg	29	2030EST			0	0			Hail (0.75)	
Rowan County	20	2115EST			0	0			Hail (0.75)	
Morehead	29 Penny	sized hail rep	orted at the ju	nction of U.S		0 nd KY R	oute 32.		Hail (0.75)	
Powell County		ŕ	·							
3 E Slade	29	2125EST			0	0			Hail (0.75)	
Estill County										
2 NW Irvine	29	2130EST			0	0			Hail (0.75)	
Lee County										
Zoe	29	2200EST			0	0			Hail (0.75)	
Wolfe County	20	2210EST			0	0			Hail (0.75)	
Pine Ridge	29	2210E51			0	U			Hall (0.75)	
<u>KENTUCKY, North</u> KYZ101>103-105		up - Carte	r - Royd - L	awrence						
K12101/105/105	01	0000EST	- Doyu - L	awrence	0	0			Monthly Precipitati	on
	31 Total n	2300EST	nitation was 7	to 9 inches	Gravson ba	19 inche	s Ashland an	d Carter	Caves both measured 8.	4 inches Normal
		precipitation			Stay son na	. > mene	o, montana al		cures bour measured 8.	i menes. riorilla
KYZ101>103	Greer	up - Carte	r - Boyd							
	09	1645EST	2		0	0	35K		High Wind	
	A stro	1800EST	whinned acro	ss northeast 1	Kentucky A	narrow	and brief line	e of show	vers was associated with	the front Winds

St	tor	m Data	a and	Unus	ual W	'eat	her Pher	nomena			
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	Character of Storm	March 200		
KENTUCKY, Northe	ast		. ,	. /		5					
		l into the 45 to	65 mph rang	e. Trees and	power lines we	ere blow	n down.				
KYZ101>103-105	20 21 Light warm low pr hour e was ge from Canno Green	front tired to li ressure wave of event were 2.5 t enerally along t Carter Caves, onsburg of Boyo	o northeast F ift north from n the strong to 4.5 inches, the Interstate 4.2 inches f d County. A lp Creek me	Xentucky duri in the Tenness frontal bound with roughly 64 corridor, is rom Grayson Automated ga asured 3.6 in	ee Valley. Th lary. Rains the 60% of the to from Olive Hil , and 3.7 incluges from Pot ches, while th	e heavie en dimin tal occu l to Ash nes fron ato Kno	est rains occurred fro nished during the mo- rring in about 6 hour aland. Rain totals in a Warnock. Autom b and Sinking Creek	Flood moderate rainfall fell d m 0100 to 0800E on the orning of the 20th. Rain s on the 20th. The axis cluded 4.5 inches from <i>L</i> ated gauges showed ar in Carter County indica hes. Lawrence County	2 20th, ahead of t totals from the 2 of the heaviest ra Ashland, 4.3 inches ound 4.3 inches tted 4.1 inches.		
	Widespread small stream, poor drainage, and urban flooding occurred during the morning hours of the 20th. Many people were stranded as roads became flooded. River flooding along the Little Sandy River occurred later in the day.										
	The office of emergency management director in Carter County said, "it's devastation all over the county." Olive Hill, Nortor Branch, and Hitchens were hardest hit. The headwaters of Tygarts Creek flooded at least two-thirds of the city buildings in Olive Hill. The fire station saw almost 2 feet of water inside. Residents called it the highest water since the 1937 flood,. On Nortor Branch, a unoccupied mobile home was carried off and became wedged under an old railroad trestle.										
	The L	ittle Sandy Rive	er crested at	Grayson arou	nd 2300E on th	ne 20th a	at 29.2 feet. Flood st	age is 21 feet.			
	Preliminary damage assessment indicated 2 mobile homes were destroyed in Carter County. Three single family homes and 2 mobile homes had major damage. One county bridge was destroyed. Damage estimated to public structures, such as roads, were around \$400,000.										
	In Boyd County, houses and trailers along Shopes Creek were surrounded by water. Rescue workers evacuated families by boat Flooded basements and streets were widespread in Ashland and Westwood. Preliminary damage assessment in Boyd County indicated 1 single family home and 2 mobile homes were destroyed. Twenty-five single family homes and 4 mobile homes had majo damage. Estimates for public assistance, mainly for road damage and debris removal, was on the order of \$250,000.										
	Most of the water problems in Greenup County were along Tygarts Creek and the Little Sandy River. This affected homes, bridges and Routes 2, 7 and 1. Tygarts Creek crested at the base of the covered bridge at Bennett's Mill. Repairs to road slippage in Greenu County were estimated at \$400,000. Preliminary damage assessment indicated 2 mobile homes were destroyed in Greenup County Four single family homes and 5 mobile homes had major damage.										
	In Lawrence County, precautionary evacuations were along Cat Fork, west of Fallsburg. State officials estimated about \$240,000 damage for bridge repair and debris removal in the county. No homes were affected.										
		U						President Bush. On the ided both individual and	1		
KENTUCKY, Northe KYZ089>098-100		all Callatin	Poopo	Konton C	omnholl O	won (Pront Dondloton	Dreakon Dobort	on Lowic		
K12009>090-100	09	011 - Ganatin 1415EST 1700EST	- Doone -	Kenton - C	0 o	0 0	93K	- Bracken - Roberts High Wind (G55)	son - Lewis		
							lines, utility poles, resulting damage.	and various signs. Seve	ral thousand pow		
Mason County Mays Lick	15	1942EST 1944EST			0	0		Hail (0.75)			
Boone County Walton	15	2050EST 2055EST			0	0	15K	Thunderstorm Wir	ud (G55)		
	Several trees were blown down. A barn and a house were damaged. Two mobile homes at the Speedway were damaged.										
KYZ094>096-098>100	Ower 20	n - Grant - P 0100EST 0800EST	endleton -	Robertson	- Mason - Lo 0	ewis 0		Flood			

Very heavy rainfall caused area creeks and streams to rise out of their banks and several roads were closed due to the high water.

		Time	Path	Path	Numb	er of	Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso		Damage Property Crops	Character of Storm	March 2002
KENTUCKY, Norther	rn								
Lewis County 4 N Head Of Grassy	20	0700EST 0730EST			0	0		Flash Flood	
Lewis County	The La	urel elementa	ry school was	evacuated du	e to rapid rise	es on are	ea creeks.		
Countywide	20	1030EST 1045EST			0	0		Flash Flood	
Lewis County	Numero	ous roads wer	e flooded due	to rapid rises	s in area creek	.s.			
Countywide	20 Numero	1100EST 1120EST ous roads wer	e flooded due	to rapid rises	0 s in area creek	0 s.		Flash Flood	
KYZ099>100	Masor 26	n - Lewis 0900EST 0930EST		-	0	0		Flood	
		ious rain ovei	r a one day pe	riod in this ar	ea caused sor	ne creek	s and streams to overfl	ow their banks and clo	se area roadways.
KENTUCKY, Southw KYZ001>022	Fultor	· Trigg - Ca					ives - Livingston - nristian - Henderso		
	09	0700CST 1400CST			0	0	4K	Wind	
	power l 1389. In tournan Guard a	ines, especial n Owensboro nent was stop and other eme	lly in the Owe , an antenna a pped by the da ergency person	nsboro area. and a tree lim angerous wind	About 1,000 c b were down ls and waves.	ustomer at a cou One bo	a gust to 50 MPH. T s were without power uple of residences. On at sank and several fis e no injuries.	when wind damaged li the Ohio River near O	nes along Kentucky wensboro, a fishing
KYZ020>021	Mclea 20	n - Muhlen 0400CST	lberg		0	0		Flood	
	31 The Gr flood st	2359CST een River ros age at Paradi	ise and about	4 feet above	radise on Mar flood stage at	rch 20, a Calhou	and at Calhoun on Ma n. Moderate flooding eason had not yet begu	rch 22. The crest was occurred near Calhour	, with thousands of
Christian County									
3 SW Hopkinsville	20	1030CST 1600CST			0	0		Flash Flood	
KYZ004>005-007-010-			e out of its ban ken - Livin s					8	
014-018>019	22	1900CST		.	0	0		Flood	
	31 The Oh Lock ne two fee	2359CST io River rose ear Uniontow t above flood	n, the river cr stage on Mar	rested at 43.5 rch 26. Paduc	22nd and 23 7 feet on Mar ah crested aln	rd at mo ch 28. F nost five	ost locations along the lood stage there is 37 feet above its 39-foot and surrounding low-ly	western Kentucky sh feet. At Smithland, the flood stage on March	e crest was just over
Ballard County Lovelaceville	25	2100CST 2300CST			0	0		Flash Flood	
Mccracken County Lone Oak	25	2300CST 2100CST 2300CST			0	0		Flash Flood	
Livingston County Countywide	25 26	2350CST 0300CST			0	0		Flash Flood	

A large area of showers and thunderstorms persisted for several hours, producing hourly rainfall rates around one half inch per hour

Storm Data and Unusual Weather Phenomena Path Time Path Number of Estimated March 2002 Local/ Length Width Damage Persons Character of Storm Standard Killed Location Date (Miles) (Yards) Injured Property Crops **KENTUCKY**, Southwest over saturated ground. Rainfall totals were around 3 inches. A vehicle accident near Paducah involved one car which overturned into a drainage ditch. The driver was partially submerged for an extended period of time, and was rescued shortly before floodwaters would have drowned him. Champion Creek in McCracken County flooded two roads, a state road and a county road. The county road was closed. A couple of intersections in the city of Paducah were flooded and were closed. In Ballard County, Mayfield Creek overflowed onto U.S. Highway 62 near Lovelaceville. In Livingston County, Highway 133 near Salem was barricaded due to 18 inches of water. **Ballard County** 1556CST Hail (0.75) La Center 29 A 0 **Mccracken County** 1557CST Hail (0.75) (Pah)Barkley Arpt Pa to 29 0 0 Paducah 1609CST A severe thunderstorm produced a swath of marble to dime size hail across the Paducah area. Dime size hail was observed at the Paducah National Weather Service office and near downtown Paducah. **Carlisle County** 1608CST 0 0 Hail (0.75) Bardwell 29 **Marshall County** 1635CST 0 0 Hail (0.88) 1 N Sharpe to 29 1 W Draffenville 1650CST Nickel size hail was reported near the 19-mile marker on Interstate 24. Dime size hail fell near Draffenville. **Fulton County** Hickman 29 1638CST 0 0 Hail (0.75) Graves County Pryorsburg to 29 1650CST 0 0 Hail (0.75) Wingo **Calloway County** 2 W Lynn Grove to 1711CST 0 Hail (0.75) 29 0 Stella 1713CST **Trigg County** 1729CST 2K Thunderstorm Wind (G50) 4 NW Cadiz 29 A 0 A tree was down, and a tree limb broke a window on a house. **Christian County** Thunderstorm Wind (G50) Howell 29 1815CST 0 0 2K Wind blew the roof off a barn and carried it 1000 feet. The sides of the barn were also damaged. **Todd County** 0 Guthrie 29 1823CST A Hail (1.75) **Todd County** Guthrie 29 1823CST A 0 Thunderstorm Wind (G50) Large tree limbs were blown down.

LAKE ERIE

Mi Waters Of Lake Erie 12 W Stony Point

 09
 1525EST
 0
 0
 Marine Tstm Wind

 A strong cold front moved across Lake Erie late in the afternoon on the 9th. A line of showers (not producing lightning) developed along this front. Winds in excess of 50 knots occurred with these showers.

0

LAKE HURON

Inner Saginaw Bay &		
Sw Of Pt Au Gres To		
Bay Port Mi		
2 S Saginaw River Mout 09	1545EST	0

Marine Tstm Wind

Storm Data and Unusual Weather Phenomena Path Time Path Number of Estimated March 2002 Local/ Length Width Damage Persons Character of Storm Location Standard Killed Date (Miles) (Yards) Injured Property Crops LAKE HURON Outer Saginaw Bay & Sw Of Alabaster To Pt Austin Mi 1625EST 0 **Marine Tstm Wind** 0 **Port Austin** 09 Pt Austin To Hbr **Beach Mi** 1625EST Marine Tstm Wind Port Austin 09 0 0 Lh Pt Austin To Hbr Beach Mi 5Nm **Offshore To Intl** Border 1630EST **Port Austin** 09 0 0 Marine Tstm Wind Pt Sanilac To Pt Huron 1635EST **Marine Tstm Wind Port Huron** 09 0 0 1645EST Lh Pt Sanilac To Pt Huron 5Nm Offshore **To Intl Border Port Huron** 09 1640EST 0 0 **Marine Tstm Wind** Lh Hbr Beach To Pt Sanilac 5Nm Offshore **To Intl Border**

22 WSW Port Sanilac 09 1645EST 0 0 Marine Tstm Wind Hbr Beach To Pt Sanilac Mi 22 WSW Port Sanilac 1650EST 0 Marine Tstm Wind 09 0

A strong cold front passed across Lake Huron late in the afternoon of the 9th. A line of showers (not producing lightning) developed along this cold front. Wind speeds in excess of 50 knots accompanied these showers across Lake Huron.

LAKE ST CLAIR

Mi

Detroit River					
3 NW Belle Isle	09	1600EST	0	0	Marine Tstm Wind
Lake St Clair (U.S.					
Portion)					
3 W Metropolitan Beach	09	1610EST	0	0	Marine Tstm Wind
St Clair River					
Port Huron	09	1615EST	0	0	Marine Tstm Wind
St Clair River					
Port Huron	09	1617EST	0	0	Marine Tstm Wind

A strong cold front moved across Southeast Michigan late in the afternoon on the 9th. A line of showers (not producing lightning) developed along the cold front and produced winds of 50 knots over Lake St Clair and the St Clair and Detroit Rivers.

LOUISIANA, Northeast **Morehouse Parish** 0500CST **Thunderstorm Wind** Beekman 09 0 0 1K Numerous trees were blown down from Beekman to Vaughn. **Richland Parish** Countywide 09 0505CST 0 0 1K **Thunderstorm Wind** Numerous trees were blown down across the parish. **Morehouse Parish** 2205CST 0 0 Hail (1.00) 15 Bonita **Morehouse Parish** Hail (0.88) 25 2250CST 0 0 Bastrop **Morehouse Parish** 2300CST 0 0 Hail (1.00) 25 Bonita

			D 4	Path	N 1	c.		
T	D.	Time Local/	Path Length	Width	Numb Perso	ons	Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
LOUISIANA, Northe	<u>ast</u>							
East Carroll Parish 5 N Lake Providence	30	0030CST			0	0		Hail (0.75)
Richland Parish	50	00000001			Ū	Ū		
5 S Mangham Franklin Parish	30	1935CST			0	0		Hail (1.75)
Baskin	30	1945CST			0	0	5K	Thunderstorm Wind
E	Straig	ht-line winds	from a severe	thunderstorm	damage a por	ch on a	house and peeled a ro	of back on a barn in the area.
Franklin Parish Winnsboro	30	1945CST			0	0	1K	Thunderstorm Wind
() million o			rge limbs were	e blown down	•	Ū		
Morehouse Parish		0000 CCT			â			
Beekman	31 Nume	0030CST	e blown down	across the n	0 arish	0	1K	Thunderstorm Wind
Franklin Parish	Nume	ious nees wei	e blown down	i across the pa				
Winnsboro	31	0035CST			0	0	1K	Thunderstorm Wind
Morehouse Parish	Nume	rous trees wer	e blown down	across the pa	arish.			
Beekman	31	0200CST			0	0	1K	Flash Flood
Deciman			area were cov	vered with wat	ter and impass		e to very heavy rainfal	
LOUISIANA, Northw	vest							
Natchitoches Parish	••							
Natchitoches	01	0730CST			0	0		Hail (0.75)
Sabine Parish								
Converse	11	0820CST			0	1		Lightning
	A mar	n was struck b	y lightning ins	side his home	but only suffe	ered min	or injuries.	
Bossier Parish		0 0 00 CCT			0	0	103.6	
(Bad)Barksdale Afb	12 Lightr	0200CST	fire at the 8th	Air Force He	0 adquarters on	0 Barksda	10M le Air Force Base Th	Lightning the fire burned for more than 12 hours doing
			e third floor of			Durnouu		
Caddo Parish								
Shreveport	20	0030CST			0	0	5K	Lightning
	Lightr	ing hit a voca	tional school o	doing minor e	lectrical dama	ge.		
Natchitoches Parish								
Goldonna	20 Lighte	1106CST	montom, colo o o	1 daina mina	0 	0	5K	Lightning
~	Lignu	ing nit an elei	mentary schoo	a doing minor	electrical dal	nage.		
Caddo Parish Shreveport	25	2115CST			0	0		Hail (0.75)
Shreveport			Lake Rd. in s	outh Shrevep		U		Han (0.73)
De Soto Parish								
Benson	25	2130CST			0	0		Hail (0.88)
Bossier Parish								
Haughton	25	2140CST			0	0		Hail (0.75)
Webster Parish								
10 W Minden	25	2145CST			0	0		Hail (0.75)
Red River Parish								
5 N Coushatta	25	2155CST			0	0		Hail (1.00)
Claiborne Parish								
Homer	25	2205CST			0	0		Hail (0.75)
Red River Parish								
Coushatta	25	2210CST			0	0		Hail (1.00)
Countral					v	~		

Storm Data and Unusual Weather Phenomena Path Time Path Number of Estimated March 2002 Local/ Length Width Damage Persons Standard Character of Storm Killed Location Date (Miles) (Yards) Injured Property Crops LOUISIANA, Northwest **Claiborne Parish** Colquitt 25 2222CST 0 0 Hail (1.00) **Natchitoches Parish** 0 Hail (1.00) Chestnut 25 2245CST 0 Winn Parish 10 W Dodson 25 2300CST A 0 Hail (0.75) **LAZ001** Caddo 0855CST 0 0 12K High Wind (G50) 30 Winds in association with a cold front blew awnings off a local casino and did roof damage to a garage at the same establishment. **Caldwell Parish** 1920CST 0 0 Hail (0.75) 6 W Columbia 30 Hail fell along Highway 4. **De Soto Parish** 1955CST Hail (0.88) Kickapoo 30 0 0 Webster Parish 2035CST Hail (0.75) Springhill 30 0 0 Webster Parish 2115CST Minden 30 0 0 Hail (0.75) **Caddo Parish** 31 0250CST 0 Hail (0.75) Shreveport A 0252CST **Sabine Parish** 0545CST 0 Hail (1.00) 10 S Many 31 A LOUISIANA, Southeast St. James Parish 1215CST Vacherie 20 0.220 0 0 40K Tornado (F0) A tornado briefly touched down causing roof damage to two houses and knocking one of the homes off of its cinder blocks. East Baton Rouge Parish 0535CST 0 65K Lightning **Baton Rouge** 26 0 A lightning strike caused a fire that damaged sixty five golf carts outside a building. St. John The Baptist Parish Thunderstorm Wind 20K 0615CST 0 0 Reserve 26 A ten foot corner section of a house and an adjacent garage were damaged by thunderstorm winds. Shingles were peeled off of several nearby houses. St. Tammany Parish 0630CST 2 0 Lightning Slidell 26 A lightning strike traveled through a home's electrical wiring and injured 17 and 15 year old females using curling irons. Both girls were later hospitalized. **Jefferson Parish** 0700CST 0 50K Kenner 26 0 Lightning A lightning strike caused a fire that damaged a duplex. **Pointe Coupee Parish** 0605CST 0 0 100K Thunderstorm Wind Ventress 31 Thunderstorm winds partially removed the roofs on a few homes, damaged the roof of a barn, threw a horse trailer into a tree, knocked down power lines, snapped off trees, and blew a tree down on an abandoned house causing heavy damage along Highway 414.

		Time Local/	Path Length	Path Width	Numb Pers	ons	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
LOUISIANA, South	east								
East Baton Rouge									
Parish	21	0/10/08/			٥	0	117	(T) 1 (XX/*)	
2.5 E Baker	31 Trees	0610CST and power lines	were blown	down in the (U Comite Driv	0 e area	1K	Thunderstorm Wind	L
	11005	and power miles		down in the	Conne Drive	area.			
Livingston Parish	21	0630CST			0	0	2K	Thunderstorm Wind	I
Countywide	31 Nume		ower lines w	vere blown do	-		olocking a number of a		L
Tousinghas Devish	1 (unite	rous acco and p	on er mies n	010 010 011 00		e puilon (.oud (rug) (r	
Tangipahoa Parish Arcola	31	0730CST			0	0	8K	Thunderstorm Wind	I
Artola		derstorm winds	damaged the	roofs of a ho	use and mob			Thunderstorm wind	
Washington Davish			U						
Washington Parish 10 E Franklinton	31	0815CST			0	0		Hail (0.75)	
	51	0015651			Ū	Ū		Hun (0.75)	
Washington Parish		0020 CGT			٥	0		H H (1 00)	
Rio	31	0820CST			0	0		Hail (1.00)	
Washington Parish									
Rio	31	0820CST		<u> </u>	0	0	1K	Thunderstorm Wind	l
	Thunc	derstorm winds	broke the top	os of trees off	along Highw	ay 1074.			
Terrebonne Parish									
8 S Houma to 9 SE Houma	31	1040CST 1055CST	0.5	30	0	0	75K	Tornado (F1)	
9 SE Houma	A torr		one mobile h	ome, damage	d four houses	s, and do	wned power lines.		
T channel D dial						,			
Lafourche Parish Raceland	31	1102CST			0	0		Hail (0.75)	
Kacelahu	51	1102001			U	U		Hall (0.75)	
LOUISIANA, South				~					
LAZ028-031>033- 043>044-052	Rapi	des - Allen - I	Evangeline	- St. Land	ry - Acadia	- Lafa	yette - Vermilion		
043>044-052	01	1200CST			0	0	165K	High Wind (G35)	
	01	1500CST			Ū	Ū	10011		
	High	winds associated	d with a stroi	ng cold front o	downed trees	and pow	ver lines across central	and south-central Louisia	ana.
Rapides Parish									
Boyce	16	0200CST			0	0	5K	Thunderstorm Wind	l
	Sever	al trees and pow	ver lines were	e blown down	•				
Vernon Parish									
5 E Leesville	25	2237CST			0	0	5K	Thunderstorm Wind	l
	Trees	were blown dow	wn on power	lines.					
Beauregard Parish									
6 W De Ridder	25	2238CST			0	0	5K	Thunderstorm Wind	l
	Some	trees and power	r lines were o	lowned.					
Avoyelles Parish									
5 N Marksville	25	2353CST			0	0		Hail (0.88)	
Rapides Parish									
5 E Pineville	26	0030CST			0	0	5K	Thunderstorm Wind	l
	Trees	and power lines	s were downe	ed.					
Evangeline Parish									
Chataignier	26	0130CST			0	0	60K	Thunderstorm Wind	
-								e roof was completely to	
		•	man inside t	he house prot	tected hersel	f by clim	bing in a bathtub and	covering herself with a	big blanket and
	painti	ng.							
Vernon Parish									
Anacoco	31	0605CST			0	0		Hail (0.75)	

		Time Local/	Path Length	Path Width	Numb		Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property Crops	Character of Storm	
MAINE, North									
MEZ030	Coast 03	tal Washingt 0400EST 1600EST	on		0	0		High Wind (G54)	М
	-	winds association winds association excess of 60 m			-	ressure l	ifting from the Great	Lakes to Quebec Prov	nce produced wind
MEZ030	Coast 10	tal Washingt 0300EST 1100EST	on		0	0		High Wind (G52)	М
	-				rea of low pr	essure 1	ifting through western	Quebec Province proc	luced wind gusts of
MEZ010>011- 015>017-029>032		-					enobscot - Interior aquis - Northern W		al Washington -
	Low p						inches of snow across	Downeast areas. Local	ized totals up to 15
MEZ001>006-010		hwest Aroost theast Aroos				thern S	Somerset - Norther	n Piscataquis - Nor	thern Penobscot
	26 27	2000EST 0800EST			0	0		Winter Storm	
MAINE Couth	Low p	ressure tracking	g across Maii	ne produced 7	to 12 inches	of snow	v across much of northe	ern Maine.	
<u>MAINE, South</u> MEZ018>020-023>025	Inter 10	0800EST	terior Cun	nberland - A	Androscogg 0	gin - Co 0	oastal York - Coast	al Cumberland - Sa Strong Winds	agadahoc
	mph ii						scattered power outage winds developed behin		
MEZ007>009- 012>014-018>028	Some	erset - Interio	or York - I	nterior Cu	nberland -	Andro	et - Southern Oxfo oscoggin - Kennebe		
	20	tal Cumberla 1500EST	ina - Sagao	ianoc - Lino	0 - Kno	0 - Coa	stal waldo	Heavy Snow	
	across where	much of the st	tate. The he	aviest amoun 1. Lesser am	ts fell in a v ounts fell in	vide ban	on the morning of the d across the interior a thern mountains and a	nd foothills of westerr	and central Maine
MEZ007>009	Nortl 26	hern Oxford 1400EST	- Northern	Franklin -	Central So 0	omerse 0	t	Heavy Snow	
MEZ012>014	27 South	0200EST hern Oxford	- Southern	Franklin -	Southern	Somers	ot		
111220122014	26 27	1400EST 0200EST	- Southern	r i alikilii -	0	0		Moderate Snowfal	l
	An are the 27 were g	ea of low pressu th brought a mi generally in the	xture of prece e 6 to 12 inc n 3 to 6 inch	pipitation to the ch range. In nes. Along the	the foothills	ch of the , the sn	ey on the morning of th precipitation fell as sn ow was mixed with sl nterior, much of the pr	ow in the mountains w eet and freezing rain,	here accumulations and accumulations
MARYLAND, Centra	<u>l</u>								
Allegany County West Portion	01	1130EST			0	A		Wild/Forest Fire	

West Portion	01 1130EST	0	0	Wild/Forest Fire
	13 1200EST			
	Drought conditions resulted in very dry timber	er and brush.	This cau	sed a brush fire that began on Wills Mountain on March 1st to
	quickly spread. The fire burned 100 acres of v	woodland befor	e being o	contained on the 2nd. The fire was extinguished on the 13th.

		-	-		-	-	-	-	omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numl Pers Killed		Estima Dama Property		Character of Storm	March 200
IARYLAND, Cent MDZ002>003		any - Washii	ngton							
	09 10	2100EST 1000EST			0	0	10K		Strong Wind	
	locatio numbe Chestr	ns reported do or of trees were out Street and a chanan Avenue	wned trees a downed, aw stop sign wa	nd power line nings were d Is blown off a	es in addition amaged, and a pole. In La	to minor signs we Vale, a tr	structural da re broken in ee fell onto a	amage du Cumberla 1 parked c	v northwest winds up e to the high wind. In and. In Frostburg, a tre ar and another fell onte own and a 57 MPH gu	Allegany County, ee was downed on o the roof of a hon
MDZ002	Alleg 17	any 1200EST 2100EST			0	0			Winter Weather	
	surface trees.	rain fell across e temperatures	were just be gher elevation	low freezing	for much of de of Frostb	the day urg repor	so the rain f ted a 1/8 in	roze on c ch ice ac	the 17th. At elevation contact with sidewalks cumulation that made	, metal objects, ar
MDZ002>007- 009>011-013>014- 016>018		any - Wash Iern Baltimo							arford - Montgom 5 - Calvert	ery - Howard
	21 22	1700EST 0400EST			0	0			Strong Wind	
	gusted the 221 outage near A County Hagers	as high as 59 I nd. Minor strue s were reported annapolis. Me y), 51 MPH at	MPH. The h ctural damag d across the easured wind the Univers H in Laurel (ighest winds e was reporte Washington I gusts includ ity of Maryla Howard Cou	occurred bet ed in isolated and Baltimor ded 59 MPH and - Baltimor	ween 6 P locations e suburb at Park ore Camp	M and 11 Pl , in addition s. A wind v ton (Baltimo pus, 50 MPF	M, but gus to downe varning w ore Count I at Tall	ont ushered in strong n sty conditions continue d trees and power lines vas posted for the Ches vy), 56 MPH at Smith Timbers (St. Mary's C at Patuxent River Na	ed through 4 AM of s. Over 5000 pow sapeake Bay Bridg suburg (Washingto county), 47 MPH
ARYLAND, North	<u>heast</u>									
MDZ008-012-015-)19>020	Cecil	- Kent - Que	een Annes	- Talbot - C	Caroline					
	and 3r county Norma	d, 12th and 13 weighted aver ll is around 3.6	th, 17th and age, March 1 inches. At t	18th, 20th an nonthly preci he beginning	nd 31st resu pitation total of the month	ted in ab s ranged 21 of the	ove normal from 4.1 inc e 30 gaged st	precipitat hes in Ce reams in I	Drought normal. Precipitation e ion for the Maryland I cil County to 4.6 inche Maryland and Delawar ne levels set during th	Eastern Shore. On as in Talbot Count e as well as 7 of th
	drough weathe burns season March upgrad	tts. Flow into er have made d were getting ou al soil testing (helped prime led from droug	Chesapeake lisease more tt of control b percolation) the soil for ht warning to	Bay was only widespread in because of ho for anyone set the spring play or drought em	y half of no n Chesapeako w dry the gro eking septic anting and te ergency statu	rmal. Th e Bay and ound and tank pern mporarily s. Never	e drought, h d caused one fuels were. A hits because y halted cen theless, the N	igh salt l of the lo Another re of dramat tral Mary Aaryland	evels in the bay and west oyster harvests or soult of the drought was ically low groundwater land (including Cecil (Department of the Env ns were in place, but	unseasonably war a record. Controlle s the cancellation levels. The rains County) from beir rironment continue

MDZ008-012-015-
019>020

Cecil - Kent - Queen Annes - Talbot - Caroline

continued to be emphasized.

10	0700EST	0	0	0	Wind
	1900EST				

A strong cold frontal passage before dawn ushered in one of the coldest air masses of the winter season on the 10th. Scattered thunderstorms accompanied its passage. The surface pressure difference (pressure gradient) between a high pressure system in the Mississispipi Valley and a very intense low pressure system (around 970 millibars) just east of James Bay produced windy conditions throughout the daylight hours on the 10th. As the high pressure system moved closer to Maryland late in the day, winds diminished. Peak wind gusts averaged between 40 and 50 mph. The peak wind gust at the Baltimore-Washington International Airport was 49 mph.

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 200			
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Cro	ps Character of Storm				
MARYLAND, North	east											
MDZ008-012-015- 019>020		l - Kent - Que	en Annes ·	- Talbot - C	aroline							
	21	1900EST 2200EST			0	0	() Wind				
	aroun strong	A strong cold front moved through the Maryland Eastern Shore during the evening of the 21st. It was accompanied by wind gusts around 40 mph inland and around 50 mph along the bay. The strong gusty winds persisted throughout the night, although strongest wind gusts occurred with the cold frontal passage and during the ensuing evening. Peak wind gusts included 52 mph Tolchester (Kent County) and 41 mph at the Baltimore-Washington International Airport.										
MARYLAND, South	<u>l</u>											
	NON	E REPORTED.										
<u>MARYLAND, West</u> Garrett County												
Countywide	09	2045EST 2100EST			0	0	10K	Thunderstorm Wi	nd			
MDZ001	Garr											
	09 10	2100EST 0200EST			0	0	10K	High Wind				
	furthe the m produ- the co	the mid-afternoon hours. As showers formed during the day, these strong winds were occasionally brought down to the surface. T further complicate matters, by the late afternoon hours enough instability was present to produce a line of severe thunderstorms alon the main cold front as it entered western Maryland. This combination of strong gradient winds and severe thunderstorm wind produced widespread damage across the area, mostly in the form of downed trees and power lines. These high winds continued after the cold frontal passage, downing trees and power lines, until the early morning hours of the 10th. At that time, the surface low moved off into Quebec and the strong gradient winds finally diminished.										
MDZ001	Garr	-	e une une su	ong gradient i		u						
WID2001	22	0400EST			0	0		Winter Storm				
		0900EST e-season storm ned to the ridges	*		inches of sn	ow acros	s Garrett County	. The highest snowfall to	otals were generall			
MASSACHUSETTS	, Centr	al and East										
MAZ024	Nant	ucket										
	10 A win	1053EST ad gust to 60 mp	h was record	ed at Nantuck	0 tet Memorial	0 Airport.		High Wind (G52)	М			
MAZ002-004>005- 008>009		0 1					esex - Western	Hampshire - Western	Hampden			
	20	1000EST 2200EST			0	0		Heavy Snow				
	to 8 in observ Interst attribu	A late season winter storm brought heavy snow to the higher elevations of western and north central Massachusetts. Storm totals of to 8 inches were widely reported in western parts of Franklin, Hampshire, and Hampden Counties. Amounts of 5 to 9 inches were observed in northern Worcester County, and totals averaged 4 to 8 inches in western Middlesex County, primarily north and west of Interstate 495. Dozens of accidents were reported as a result of slippery roads and poor visibility. Two injuries were indirect attributed to the storm. A father and son were involved in an accident in Tewksbury, when the car they were riding in struck another vehicle head-on during the height of the storm.										
		A strengthening low pressure system passed south of New England on the 20th, bringing 3 to 6 inches of snow to much of interior										

A strengthening low pressure system passed south of New England on the 20th, bringing 3 to 6 inches of snow to much of interior Massachusetts before an eventual change to rain. Only the higher elevations remained all snow during the storm. Rain fell from Bristol and Plymouth Counties to Cape Cod and the Islands.

		Time Local/	Path Length	Path Width	Numbe Perso		Estimate Damag			March 200		
Location	Date	Standard	(Miles)	(Yards)		Ins Injured	Property	Crops	Character of Storm			
MASSACHUSETTS	, West											
MAZ001	Berks 20	hire 1600EST 1900EST			0	0			Winter Storm			
	during the stor the firs Berksh accider	An area of low pressure developed in the Ohio Valley early on March 20th. The low then tracked east along the Mason-Dixon I during the day, and off the mid Atlantic coast by evening. Moisture from both the Gulf of Mexico and Atlantic ocean was drawn in the storm. The air was just cold enough for the moisture to fall in the form of snow across Berkshire County. This snowstorm, the first day of astronomical spring, was elevation dependent, as heavy amounts of snow accumulated across the higher terrain of Berkshires. The most snowfall reported in the county was 10.5 inches in the town of Florida. With the exception of some vehicu accidents, no other significant problems were reported to the National Weather Service office in Albany, NY as a result of this easpring storm.										
<u>MICHIGAN, East</u> MIZ047>048-053	Midla 02	nd - Bay - S 0600EST 2200EST	Saginaw		0	0			Winter Storm			
	Snowfa Axe to affected 2nd, sr	all developed of Owosso line. d locations fro nowfall had to	during the mo North of this om southwest taled 12 inch	orning of the 2 line, the pred Lower Michi es across mu	2nd. The snow cipitation rem gan across cer ch of Midland	fall chan ained in t ntral Micl l county.	ged over to r he form of s nigan and int Snowfall an	rain late in now well o the tri c nounts in	noved northeast acro n the morning in loca into the evening. A ities region. By late i Bay county ranged f ed in the northwester	tions south of a Bac band of heavy snow n the evening of the from 8 to 10 inches		
MIZ069	Oakla 03 In Troy death. F84OU	1200EST y, an 84-year-	old woman w	as found dea	1 d on the patio	0 outside	her retireme	nt home.	Extreme Cold Hypothermia was the	suspected cause o		
MIZ047>049-053>055 060>063-068>070- 075>076-082>083		ind - Bay - I ind - Macon	-	-				Genesee	- Lapeer - St. Cla	air - Livingston		
	09 10	1500EST 0400EST			0	2	780K		High Wind (G61)			
	along powerf the afte continu early a	A very strong cold front moved across southeast Michigan during the late afternoon hours of the 9th. A line of showers develope along the cold front. Very strong winds and brief heavy rain were associated with these showers. Behind the line of showers powerful winds brought much colder air into the region. A low pressure system, which moved across the northern Great Lakes durin the afternoon of the 9th, strengthened during the evening as it moved northeast of the region. This allowed the strong winds t continue into the early morning hours of the 10th. In addition to the winds, temperatures dropped from readings in the 50s during th early afternoon of the 9th, to the 20s by late evening. Wind gusts measured between 60 and 70 MPH affected southeast Michiga during the passage of the cold front. Winds as high as 50 to 60 MPH continued into the night.										
	homes also st	throughout th ruck by fallin	e region. Hig g trees and b	h winds also ranches. An	tore roofing r estimated 180	naterial a),000 hor	nd siding off nes and busi	f of many nesses ac	n. Falling trees cause homes and business ross southeast Michi y county as follows:	es. A few cars were		
	Bay: 7 pickup		e and sign at	the Big Boy r	estaurant on 1	lorth Euc	lid Ave. topj	oled over	onto the parking lot,	causing damage to		
	Learnii roofs d	ng Center. Sev	veral compute antonese Gou	ers in the sch rmet restaura	ools library v nt on South S	vere dest	royed when	they were	ne school's library ar e drenched by heavy e. in Flint also had pa	rains following the		
	sent the		nbling across	their yard. Se	everal barns a	-	**		their trailer home nor d by the high winds.			
	a new	Lenawee: At least two barns on the South County Line Highway were blown down. High winds also blew down part of the frame of a new professional building under construction on the west side of Blissfield. An Adrian woman escaped injury as she was driving westbound on US 223 near Humphrey Highway in Palmyra Township when a tree fell onto the road and struck her car.										

		Time	D-4h	Path	Nousha	f	Estimated					
Location	Date	Time Local/ Standard	Path Length (Miles)	Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	Character of Storm	March 2002			
MICHIGAN, East												
	semi-t	ruck was blow	n over by h	igh winds or	US-23 just	north o	f the Dundee on-ra	barns across the count mp. The driver was re ds were sent across the o	ported to be unhurt.			
	Oaklaı	nd: High wind	s shattered w	indows in the	grand-stands	at the H	azel Park Raceway.					
	-			• • • •		-	and Frankenmuth H car in Saginaw.	ligh Schools in Franken	muth. A 21-year old			
			-				•••	te to the high winds. Ab ad throughout the county				
	Washt	Washtenaw: High winds shattered the windows at a restaurant in Ann Arbor, injuring one person.										
	roof ca		St. Cyrl of J	erusalem's bu				nctuary for 127 years fel nt Park, a wall collapsed				
MIZ053	Sagin 10	0500EST			0	0		Flood				
	and fe	ll below flood	stage at 10:45	5 am on the 1	1th. There wa	s some	minor flooding of H	. It crested at 18.57 feet leritage Park in the city and backyard flooding.	of Frankenmuth. Just			
MIZ083	Moni				0	0		H				
	25	1200EST 2000EST			0	0		Heavy Snow				
	north (was M	of this surface	low helped t where 5 to 8	o produce an inches of sno	area of snow	fall acr	oss the far southern	e day on the 26th. An up sections of southeast M n of Interstate 94 genera	lichigan. Hardest hit			
MICHIGAN, Extrem												
MIZ077>078	Berri 02	en - Cass 1000EST			٥	0	0	Hoovy Snow				
	An are moder low m	ea of low press rate to heavy sr loved northeast	now fell acros , very cold a	ss Berrien and r moved over	d Cass countier the unfrozen	nging v s where waters	with it a mixed bag e 6 inches of snow b of southern Lake M	Heavy Snow of precipitation. North of had fallen through 10 ar Aichigan, resulting in with f snow fell across Berrie	m on the 2nd. As the idespread heavy lake			
MIZ077>081	Berri	en - Cass - S	t. Joseph -	Branch - H	illsdale							
	09	1237EST 1415EST			0	0	0	High Wind				
	the fro above ahead	usually strong ont as 3 hour p the surface ran	ressure falls ged from 70 nt. Widespre	of 4 millibar to 80 mph. Th ad reports of	s ahead of the	front c n of the	combined with 3 ho se 2 factors was tap	e 9th. A strong pressure ur pressure rises of 11 p ped by a narrow line of a own down were received	millibars. Winds just showers immediately			
MICHIGAN, North MIZ008-015>036- 041>042	Mont Wexf 02 03 A maj during	The predawn h	Alpena - B ikee - Rosco n moved thro nours of the 2	enzie - Gra ommon - O ough the Gre nd and contin	and Travers gemaw - Ios 0 at Lakes regionued until the	se - K sco - G 0 on on N morning	alkaska - Crawf Hadwin - Arenac March 2nd and 3rd. g hours on the 3rd.	Heavy Snow The snow began acros The storm brought wide	ss northern Michigan espread reports of 10			
	afterno	during the predawn hours of the 2nd and continued until the morning hours on the 3rd. The storm brought widespread reports of 1 to 16 inches of snowfall to northern Michigan, with the heaviest snowfall rates of 1 to 2 inches per hour occurring during the afternoon and evening hours on the 2nd. The snow was particularly wet and heavy across northeast Lower Michigan and numerou tree limbs and power lines were downed in this area.										

		Time Local/	Path Length	Path Width	Number Persor		Estimated Damage	March 2
Location	Date	Standard	(Miles)	(Yards)	Killed I	njured	Property Crops	Character of Storm
<u>/IICHIGAN, North</u> MIZ008-015>017-019	Chipp 08	pewa - Mackin 0300EST	ac - Emm	net - Chebo	ygan - Char 0	levoix 0		Winter Storm
	This w	arm surge helpe enerally less thar	d to cause a	a wintry mix	of weather ac	ross east	ern Upper and far no	ow pressure system in the Central Pl orthern Lower Michigan. Snowfall to o create hazardous travel conditions ac
MIZ008-015>023- 025>028-031							Isle - Charlevoiz vford - Manistee	x - Leelanau - Antrim - Otseş Blizzard
	09 10	1400EST			U	U		DIIZZAI U
MIZ024-029-034-042	Alpen 09	a - Oscoda - R 1800EST 2200EST	Roscommo	on - Arenac	0	0		High Wind (G50)
MIZ030-032>033- 035>036	Alcon	a - Wexford -	Missauke	e - Ogema	w - Iosco			
	09 10	1800EST 1400EST			0	0		Winter Storm
	during cold fr	the afternoon ho	urs. Strong nd snow ca	winds and la used blizzard	ke effect snow	showers ard condi	were widespread ac tions across much o	the associated cold front passing thro ross northern Michigan in the wake o f northern Michigan soon after the fro
		s. Major highw						igan and resulted in the most signifi shelters were opened to house stran
MIZ020	Leela 21	nau 0000EST 1200EST			0	0		Heavy Snow
	An are	a of low pressure	moved acro	oss Lower M	ichigan on the	21st, brii	iging locally heavy 6	5 inch snowfall totals.
MIZ008	Chipj 22	pewa 0500EST 2000EST			0	0		Heavy Snow
					•		•	snow showers in the wake of the sys
<u>/IICHIGAN, Upper</u> MIZ001-005>006	Kewe	enaw - Marqu	iette - Alg	er				
	01	0000EST 1400EST			0	0		Heavy Snow
	heavy	urface trough pa lake effect snow es. Phoenix repor	across the h	nighlands of t	he Keweenaw	Peninsul	and over the higher	air moving across Lake Superior cre er terrain of northern Marquette and A 12 inches of snow, and Munising got
MIZ002-005>007-009- 013>014	Onto	nagon - Marqu	iette - Alg	ger - Luce -	Gogebic - I)elta - S	choolcraft	
	03	0000EST 1600EST			0	0		Winter Storm
	lake ef winds conditi	er storm moved f fect snow showe of 30 to 45 mph ons were reporte hes. Shingleton,	ers that fol also created d near Rock Wetmore a	lowed, depo d near blizzar kland. The Na nd Traunik r	osited varying of condition ac ational Weather reported 12 to	amounts ross the er Service 14 inch	of snowfall across a area. Bessemer repo e Office measured 16 es of snowfall in 24	region. The storm, combined with int the Upper Peninsula of Michigan. St orted 10 inches of snowfall, and white 5 inches of new snow and Gwinn repo 4 hours and 12 inches of new snow ived 10 inches of snowfall, and 10 t
	-	of new snow fell			-			

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	March 200 Character of Storm		
MICHIGAN, Upper	Dute	Sundard	(111165)	(100)		injureu	Tropenty Crops			
memoal, opper	A lake 12 hou		and set up ov	ver part of the	e Keweenaw P	eninsula	. Ten inches of new s	snow fell in Houghton and Lake Linden		
MIZ001>005-009- 011>014		enaw - Ont lcraft	onagon - I	Houghton	- Baraga -	Marqu	ette - Gogebic -	Dickinson - Menominee - Delta		
	08	0500EST 1800EST			0	0		Winter Storm		
	mix of and ice reporte rain co reporte	snow, sleet, fi e fell on Iron M d 12 to 14 incl ated the Meno d 12 inches.	reezing rain a Aountain. Ter hes of new sominee area The Weather	and even isola n to twelve in snow. A comb with 1/2 inch Service Offi	ated thunderstoches of snow pination of snow of ice. Watto ice in Marque	orms over fell over ow, sleet on report tte meas	er the Upper Peninsu the Ironwood area ir and ice covered the P ed 8 inches of new ured 10 inches of new	ward the Western Great Lakes, spreading la of Michigan. Two inches of snow, sle a 12 hours. Ontonagon and Bruce Crossin Escanaba area 2 to 3 inches deep. Freezin snow in 12 hours and downtown Barage w snow and downtown Marquette had Calumet received 14 inches of snow in 5		
MIZ005>007-011>014	Marq 09	uette - Alger 0000EST 1400EST	r - Luce - I	Dickinson -	Menominee 0	- Delta 0	- Schoolcraft	Ice Storm		
	Kewe		onagon - He	oughton - B	araga - Ma	rquette	- Alger - Luce - (Gogebic - Iron - Schoolcraft		
014	09	0400EST			0	0		Winter Storm		
MIZ002-006>007-014	10 Ontor	2300EST 1agon - Alge	r - Luce - S	Schoolcraft						
	09 10	1900EST 1600EST			0	0		Blizzard		
	Michigan. Ahead of the storm system, freezing rain, sleet and rain fell over Michigan's Upper Peninsula. Temperatures rose into the lower 40s across the central and eastern parts of the Upper Peninsula where local flooding was reported on many roadways due to snow melt and rainfall. Temperatures quickly fell back below freezing with the passage of the trailing cold front. Storm force northwest winds were recorded over Lake Superior with winds over 40 mph across much of western and northern Upper Michigan Blizzard conditions were observed and made driving almost impossible. Lake effect snow, heavy at times, combined with strong northwest winds that gusted to over 60 mph to produce widespread white outs. Power outages occurred with downed power lines, and numerous minor traffic accidents were reported, including one 5 car pile-up. Some roads were closed when snowplow crews could not keep up with falling and blowing snow.									
	River,	and over most	t of Iron, Alg	ger and Schoo	olcraft Countie	s. A cor	nbination of sleet and	ft a 1/4 inch coating of ice in Felch, Ba d freezing rain left an accumulation of in accumulation of ice from the freezing rain		
	new sn Weathe	ow fell in He er Service Offi vith 2 to 3 foo	erman with control of the second s	onsiderable bl zard conditior	lowing and dri is reported over	fting. Te er the we	en inches of snowfall est half of Marquette) inches of snow in 24 hours, 11 inches in 24 hours was measured at the Nation County. Seney reported 8 to 10 inches 1 14 inches with considerable blowing an		
	Kewee		te, Alger, Lu					ard conditions in Ontonagon, Houghto closed because of zero visibility and sno		
MIZ001>006-009>011	Kewe 15	enaw - Onto 0200EST 1400EST	onagon - He	oughton - B	araga - Ma 0	rquette 0	- Alger - Gogebio	e - Iron - Dickinson Winter Storm		
	moistu	er storm syste re from the G	ulf of Mexic , combined t	to north into	Michigan's Uj e snowfall. Tl	oper Pen ne snow	insula Arctic air all was wet and heavy,	Michigan and Lower Michigan and pulk ready in place and gusty northwest win causing hazardous driving conditions at I Iron River, 12 inches in Ontonagon,		
	made s inches	in Rockland.	Houghton a	nd Phoenix r	eported 12 in	ches of	new snow. Baraga	n reported 16 inches while the Marquet nd Grand Marais received 8 inches.		

		Time Local/	Path Langth	Path Width	Numbe Perso		Estima			March 2002
Location	Date	Standard	Length (Miles)	(Yards)		ns Injured	Dama Property	Crops	Character of Storm	
<u>MICHIGAN, Upper</u>	in Skan	idia to 1.5 incl	nes in Iron M	ountain. Mel	strand reporte	d 9 inch	es of new sn	low and Ir	Snowfall amounts rang onwood received 8 inch vfall total to 286 inches	es. The Marquette
MICHIGAN, West	•	end of the mo ting a new Ma					quette Weat	her Office	e, pushing the season to	tal to 300.6 inches
MIZ037>040-043>046- 050>052-056>058- 064>065-071>072		n - Lake - C a - Kent - Io						sabella -	Muskegon - Monto	alm - Gratiot -
	02 04	0100EST 0700EST			0	0			Winter Storm	
	A winte 18 inch Michig	er storm produ ties of snow to an close to the	the north ar track of the	nd west of the low. Snow de	e track of the eveloped well	low pro out ahea	essure system ad of the low	m, to und pressure	Michigan, dumping an er 4 inches across far s area during the early me hanced snowfall began.	outh central lower orning hours of the
	snowfa Neway snow f	ll reported wa go, Mecosta, I	s in Ludington Isabella, Mon tiot county. 1	n (Mason cou tcalm, Ionia,	anty), where 1 and western	8" of sno portions	ow fell. A fo of Barry an	ot or more d Kalama	and western Kent count e of snow fell across La zoo counties. Generally e reported across Clinto	ke, Osceola, Clare, 8 to 10 inches of
MIZ037>040-043>046- 050>052-056>059- 064>067-071>074		a - Kent -							Muskegon - Monto n Buren - Kalamaz	
	09	1254EST 1827EST			0	0	485K		High Wind (G62)	
	sustaine damage home in	strong area o ed winds of 3 e. Property dat	80 to 40 m.p. mage reports	h. High wi included a ba	nd damage ad arn that was b	cross the lown do	e area range wn in Monto	ed from d	o.h. across southern low owned trees and power ty and structural damag n Montague, in Muskego	r lines to property e to the porch of a
MINNESOTA, Centra			<u>tral</u>							
MNZ045	Kanal 07 08	Dec 1600CST 0200CST			0	0			Winter Storm	
	A warn	n front whicl	*					-	system over eastern (w in Kanabec county, j	
MNZ041>045- 047>070-073>078- 082>085-091>093	Chisa Washi	go - Lac Qu ington - Ye et - Le Sue	ii Parle - S llow Medic	wift - Chi <u>r</u> ine - Renv	opewa - Ka ille - Mcleo	ndiyoh d - Sił	i - Meeker bley - Car	r - Wrig ver - Sc	rns - Benton - Sher ht - Hennepin - An ott - Dakota - Redv ca - Steele - Marti	oka - Ramsey - vood - Brown -
	08 09	1800CST 1600CST			0	0			Winter Storm	
	A wint midnig inches blowing	er storm that ht, and then fell from Sout	moved into V hwestern to E snow. Farthe	Vest Central ast Central N	Wisconsin by Iinnesota, and	the lat was acc	e morning h companied b	ours on the y 25 to 35	, tracked northeast acro he 9th. A band of snow mph winds, which proo ch to 3/4 inch of ice, fr	between 3 and 5 duced considerable
MNZ042>045- 048>070-073>078- 082>085-091	Parle Medic	- Swift - Ch	ippewa - K lle - Mcleod	andiyohi - - Sibley -	Meeker - V Carver - Sc	Vright ott - D	- Hennepi akota - Re	n - Anol	burne - Isanti - Chi xa - Ramsey - Wash Brown - Nicollet - I	ington - Yellow
	14 15	0800CST 0400CST			0	0		the early	Winter Storm morning hours on Thu	rsday the 14th, to

		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage		March 2002		
Location	Date	Standard	(Miles)	(Yards)		Injured	-	ops Character of Storm			
/INNESOTA, Centra											
	Heavy inches inches Onami	snow fell acro Mora and Ma Hutchinson, a, and Madiso	oss a wide sw ontevideo - 1 New Londor n all with 14	vath of Centra 18.0 inches; S n, Buffalo, Be 4.0 inches; Re	l and South C St. Cloud and enson, and Li edwood Falls	Central M Willman tchfield and Ves	linnesota. Some r - 17.5 inches; all with 15.0 in	by the early morning hou snowfall totals of note in Olivia - 17.0 inches; Fo iches; Cambridge - 14.0 ;; Milaca, Gaylord, and N s.	nclude: Dawson - 21.0 ley and Canby - 16.0 inches; Granite Falls		
MINNESOTA, Northe	east										
MNZ012-019>021- 033>038							thern Lake - Louis / Carlton	Southern Cook - Sou n - Pine	thern Cass - Crow		
0552050	07	1200CST	AIIKIII - 50		0 0	0 0		Heavy Snow			
		0900CST Six to twelve inches of snow fell in the area. The greatest amounts were just inland from Lake Superior with 12 inches reported near Finland, 11" at Duluth, Silver Bay, and near Two Harbors.									
MNZ010-012-018>021-						North	norn Itacca	Control St. Louis	Southorn Lako		
025>026-033>038	South	-	Northern (Cass - South	ern Itasca			row Wing - Northern			
	09	0100CST 1600CST	St. Louis /		0	0		Heavy Snow			
	Minne	sota received s	ix or more in	ches of snow.	The highest	amounts	were 9 to 8 inch	as from Duluth and south nes from Crow Wing Cou using low visibilities and c	nty northward through		
MNZ038	Pine										
	14 15	1400CST 0500CST			0	0		Heavy Snow			
	Twent	y inches of sno	w fell in Ask	ov.							
MINNESOTA, North											
MNZ001>009- 013>017-022>024- 027>032-040	West Polk - Norman - Clay - Kittson - Roseau - Lake Of The Woods - West Marshall - East Marshall - North Beltrami - Pennington - Red Lake - East Polk - North Clearwater - South Beltrami - Mahnomen - South Clearwater - Hubbard - West Becker - East Becker - Wilkin - West Otter Tail - East Otter Tail - Wadena -										
	Gran 08 09	t 1535CST 1600CST			0	0		Winter Storm			
	Strong Halsta	winds and sno	DOT RWIS	site reported a	a 47 mph win	d gust. F	Fergus Falls also	half mile. The strongest o gusted up to 42 mph and	1		
MINNESOTA, Southe	east										
MNZ095	Fillm				0	0		Winton Storm			
	01 02	1830CST 1600CST			U	U		Winter Storm			
		er storm affect h accompanied		-		-	w accumulation	as around 6 inches. Stron	g north winds of 15 to		
MNZ079-086	Waba 08	isha - Dodge 1900CST			0	0		Winter Storm			
		2300CST ng rain produce ng at times.	ed a glaze of	ice, causing h	azardous driv	ring cond	itions. The free	zing rain was also accom	panied by thunder and		
MNZ079-086>088-	-	isha - Dodge	- Olmsted	- Winona -	Mower - F	illmore	- Houston				
094>096	09	0910CST 1600CST			1	6	55K	Blizzard			
	Even the or less Byron	eep low pressu hough only an . The poor vis	inch or less o sibility comb nty), when a	of new snow h ined with fall vehicle rolled	ad fallen, the ing temperatu over. Some	very stro ires cause	ong winds produ ed numerous acc	Is of 30 to 40 mph, with ced whiteout conditions, v cidents, one of which res the to the strong winds and	with visibility 1/4 mile ulted in a fatality near		

Location Date Standard Width Persons Damage Location Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm MINNESOTA, Southwest Lincoln - Lyon - Murray - Cottonwood - Nobles - Jackson - Pipestone - Rock 080>081-089>090-097>098 14 1000CST 0 0 100K Winter Storm Snow was preceded by freezing rain, with a wide variation in how the area was affected. From Pipestone to Tracy and no including Marshall, heavy snow accumulated 8 to 16 inches, with the 16 inches reported at Tracy. The snowfall made travel diffic and some roads were blocked due to drifting. Further south, from Luverne to Windom and south to Jackson, the precipitation 'mainly freezing rain, although 2 to 5 inches of snow fell on top of the ice. Power line damage and outages were reported in Windom and Jackson areas, and the ice accumulation also caused widespread minor tree damage. Travel was extremely difficult to ice covered roads, and also the snow that fell on top of the ice. MINNESOTA, West NONE REPORTED. MINNESOTA, West 14 1000CST 0 0 Winter Storm 12200CST 0 0 0 Winter Storm MINNESOTA, West NONE REPORTED. Heavy snow came strong north winds reducing visibilities in blowings snow and making travel very difficult. Schools opened lat were closed for the day. Some sn	St	tori	m Data	a and	Unusi	ial W	'eat	her Pho	enomena	
INEQUS Income I - Lyon - Murray - Cottonwood - Nobles - Jackson - Expectance - Row 080-081 (080-000) Impact - Lyon - Murray - Cottonwood - Nobles - Jackson - Expectance - Row 080-081 (080-000) Impact - Lyon - Murray - Cottonwood - Nobles - Jackson - Expectance - Row Source Water - Row was received by freezing rain, with a wite variation in how the area was affected. From Pipeatone to Tracy and no including Mandaul, heavy soow accumulated to to of the ice. Fower line damage and outges were reported in Woodon main Jackson area, and he ice accumulation also cause with whether the inches reported at Tracy - The monofall made trade difficult is in the Water - New Were the damage and outges were reported in Woodon main Jackson area, and he ice accumulation also cause with whether - New Pipeatone and Source - New Pipeatone - Row Pipeatone	Location	Date	Local/	Length	Width	Perso	ns	Damage	ops Character of Storm	March 2002
INTEG Juncols									-	
Snow was proceeded by freezing rain, with a wide variation in how the area was affected. From Pipestone to Tracy and no including Marshall, heavy snow accumulated is to 16 inches, with the 16 inches reported aT Trave. The sawvfall made travel difficult to ice covered roads, and albo the snow fell on top of the ice. Power fine damage and outages were reported in Windom and Jackson areas, and the ice accumulation also caused widespread minor tree damage. Travel was extremely difficult to ice covered roads, and albo the snow that fell on top of the ice. Power line damage and outages were reported in Windom and Jackson areas, and the ice accumulation also caused widespread minor tree damage. Travel was extremely difficult to ice covered roads, and albo the snow that fell on top of the ice. MINNESOTA. West NOTE REPORTED. MINNESOTA. West Central NOTE REPORTED. Marcia County Image: County Counts in Counts include, fill incress in Big Stone and Traverse counties from the morning to the late evening hours. Along with heavy snow can strong north winds reducing visibilities in blowing snow and making travel very difficult. Schools opened late were included to fill days. Some snowfall amounts included, 6 inches at Browns Valley and Wheaton, 7 inches at Ortonville, and inches at Artichoke Lake. MISSISSIPPIC Central Image: Sis Cost Image: Sister Sister Sis	MNZ071>072- 080>081-089>090-		oln - Lyon - N	⁄lurray - C	ottonwood -	Nobles - J	ackson	- Pipestone - 1	Rock	
including Manshall, heavy snow "accumalated 8 to 16 inches, with the 16 inches reported in durange and outgoes were reported in Windom and Jackson, the precipitation mainly freezing main, although 2 to 5 inches of snow fell on top of the ice. Power line durange and outgoes were reported in Windom and Jackson, the precipitation main mark and the ice accumulation alog caused wides pread minor tree damage. Travel was extremely difficult to ice covered roads, and also the snow that fell on top of the ice. Power line damage and outgoes were reported in Windom and Jackson the precipitation main feature difficult to ice covered roads, and also the snow that fell on top of the ice. Power line damage. Travel was extremely difficult to ice covered roads, and also the snow that fell on top of the ice. Power line damage. Travel was extremely difficult to ice covered roads, and also the snow that fell on top of the ice. Power line damage. Travel was extremely difficult to ice covered roads, and also the snow that fell on top of the ice. Power line damage. Travel was extremely difficult to ice covered roads, and also the snow that fell on top of the ice. Power line damage. Travel was extremely difficult to ice covered roads, and also the snow that fell on top of the ice. Power line damage. Travel was extremely difficult to ice covered roads. Travel was extremely difficult to ice coveres roads. Travel		14				0	0	100K	Winter Storm	
NONE REPORTED. MINESCITA, West Central MX2039-046 Taverse - Big Stone 14 2000CST 0 Winter Storm 2200CST 0 0 Winter Storm Heavy soow one for 11 inches fell across Big Stone and Traverse counties from the morning to the late evening hours. Along with heavy soov cane storage north winds reducing visibilities in blowing snow and making travel very difficult. Schools opend lata were closed for the day. Some snow/fall amounts included, 6 inches at Artichoke Lake. MISSISSIPPI, Central E E E 2 W Oloh 12 1520CST 0 0 Hail (0.75) Marion County 12 1520CST 0 0 Hail (0.75) Lamar County 12 1520CST 0 0 Hail (0.75) Lamar County 12 163CST 0 0 Hail (0.75) Lamar County 12 164GST 0 0 Hail (0.75) Portest County 12 1643CST 0 0 Hail (0.88) Forrest County 12 1643CST 0 0 <t< td=""><td></td><td>includ and so mainly Windo</td><td>ing Marshall, home roads were y freezing rain, y and Jackson</td><td>eavy snow ac blocked due although 2 areas, and th</td><td>ccumulated 8 to e to drifting. Fo to 5 inches of ne ice accumula</td><td>o 16 inches, arther south, snow fell o ation also ca</td><td>with the from L n top of used wic</td><td>16 inches reporte uverne to Windo the ice. Power</td><td>ed at Tracy. The snowfall om and south to Jackson, line damage and outages</td><td>made travel difficult the precipitation was were reported in the</td></t<>		includ and so mainly Windo	ing Marshall, home roads were y freezing rain, y and Jackson	eavy snow ac blocked due although 2 areas, and th	ccumulated 8 to e to drifting. Fo to 5 inches of ne ice accumula	o 16 inches, arther south, snow fell o ation also ca	with the from L n top of used wic	16 inches reporte uverne to Windo the ice. Power	ed at Tracy. The snowfall om and south to Jackson, line damage and outages	made travel difficult the precipitation was were reported in the
MNZ039-040 Taverse big Stone 14 1000CST 0 0 Vinter Storm 2200CST 0 0 Vinter Storm Heavy snow on 6 to 11 inches fell across Big Stone and Traverse counties from the morning to the late evening hours. Along with the evening show and making travel even difficult. Schools opend late were closed for the day. Some snowfall amounts included, 6 inches at Browns Valley and Wheaton, 7 inches at Ortonville, and inches at Artichoke Lake. MISSISSIPP1, Central Lamar County 2 12 1520CST 0 0 Hail (0.75) Marion County 12 1520CST 0 0 Hail (0.75) Marion County 12 1520CST 0 0 Hail (0.75) Inamar County 12 1550CST 0 0 Hail (0.75) Inamar County 12 161SCST 0 0 Hail (0.75) Forrest County Hail (0.45) Hail (0.48) Hail (0.48) Hail (0.48) Forrest County 1 1 143CST 0 0 Hail (0.48) Forrest County 12 163CST 0 0 Hail (0.48) Hail (0.48)	<u>MINNESOTA, West</u>									
Interface		NONE	E REPORTED.							
Interface	MINNESOTA, West (Centra	<u>al</u>							
Light Science Sig Store and Traverse counties from homming to be late evening hours. Along with were closed for the day. Some snowfall amounts included, 6 inches at Browns Valley and Wheaton, 7 inches at Ortonville, and inches at Artichoke Lake. MISSISSIPPI, Central Lamar County - 2 W Oloh 12 1520CST 0 0 Hail (0.75) J W Oloh 12 1520CST 0 0 Hail (0.75) Lamar County - - - - 1 N Columbia 12 1520CST 0 0 Hail (0.75) Lamar County - - - - - Petal 12 1520CST 0 0 Hail (0.75) - Lamberto County - - - - - - Mc Calhum 12 1643CST 0 0 Hail (0.88) -				one						
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1 N Columbia 12 1520CST 0 0 Hail (0.75) Lumberton 12 1555CST 0 0 Hail (0.75) Forrest County		12	1320031			U	U		Han (0.75)	
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Mc Callum121643CST000Hail (0.88)Jones County121650CST00Hail (0.75)Forrest County121658CST000Hail (0.75)Brooklyn121650CST000Hail (0.88)Monticello151500CST0020KThunderstorm WindSimpson County	0	12	1043651			Ū	U		Han (0.00)	
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Simpson County 5 SW Mendenhall 15 1535CST 0 0 20K Thunderstorm Wind A couple of rural homes had roof and structural damage. A </td <td>•</td> <td>17</td> <td>1500000</td> <td></td> <td></td> <td>0</td> <td>0</td> <td></td> <td>H_:1 (0.99)</td> <td></td>	•	17	1500000			0	0		H_ :1 (0.99)	
5 SW Mendenhall 15 1535CST 0 0 20K Thunderstorm Wind A couple of rural homes had roof and structural damage. A couple of rural homes had roof and structural damage. Smith County 3 W Raleigh 15 1630CST 0 0 50K Thunderstorm Wind A couple of rural homes had roof and structural damage. Is along the structural damage. Is along the structural damage. Is along the structural damage. Madison County Is along the structuration of damage. 0 0 20K Thunderstorm Wind Several trees were blown down in and near Flora in the western portion of the county. A few trees landed on homes resulting substantial roof damage. Is along the structuration of damage. Is along the structuration of damage.		15	1500051			U	U		Hall (0.00)	
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3 W Raleigh 15 1630CST 0 0 50K Thunderstorm Wind Straight-line winds damaged a barn, destroyed a chicken house, and downed numerous trees west of the city of Raleigh. Madison County Image: County of the county. A few trees landed on homes resulting substantial roof damage. 0 0 20K Thunderstorm Wind Jefferson Davis County Image: County	Smith Country	A cou	ple of rural hom	nes had roof a	and structural d	amage.				
Madison County Is 1645CST 0 0 20K Thunderstorm Wind Several trees were blown down in and near Flora in the western portion of the county. A few trees landed on homes resulting substantial roof damage. Jefferson Davis County		15	1630CST			0	0	50K	Thunderstorm V	Vind
Flora 15 1645CST 0 0 20K Thunderstorm Wind Several trees were blown down in and near Flora in the western portion of the county. A few trees landed on homes resulting substantial roof damage. Jefferson Davis County	5 W Kaleigh			maged a bar	n, destroyed a c					
Several trees were blown down in and near Flora in the western portion of the county. A few trees landed on homes resulting substantial roof damage. Jefferson Davis County	Madison County	0		-	-				•	-
substantial roof damage. Jefferson Davis County	Flora									
Jefferson Davis County					n and near Flo	ra in the we	stern po	rtion of the cour	nty. A few trees landed of	on homes resulting in
	Jefferson Davis County	substa	mai 1001 uailla	дс.						
	ť	15	1650CST			0	0		Hail (0.88)	

S	Stor	m Data	and	Unus	ual V	Veat	ther Phe	enomena
		Time Local/	Path Length	Path Width		ber of sons	Estimated Damage	March 20
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crop	os Character of Storm
MISSISSIPPI, Centr	al							
Marion County								
10 NE Columbia	15	1650CST			0	0	25K	Thunderstorm Wind
				cross northeas	stern portior	n of the c	ounty, resulting in	roof damage to a few rural homes. A tract
Varaa Country	shed	was also destroye	d.					
Yazoo County 7 E Yazoo City	15	1700CST			0	0	1K	Thunderstorm Wind
/ E Tazoo City		w trees were blown	n down east	of Yazoo Ci		Ū		
Jones County			a do nir edst	01 14200 01				
3 NW Laurel to	15	1903CST	1	300	0	0	3.3M	Tornado (F1)
2 NW Laurel		1908CST						rel and Soso in northwest Jones County. T
Leffang Country	Scho facili	ol sustained signit ty inhabitable. Da e were also destroy	ficant, struc mage costs	tural damage. to the school	Most of th alone excee	e roof ha ded 2.5 r	d collapsed along v nillion dollars per c	West Jones County High School and Midd with other, structural damage which made to one county official. One home and one mob- ng with several trees that were uprooted by t
Leflore County	15	1020/057			0	0	40K	Thunderstorm Wind
Schlater	15 Dom	1930CST	a savara thi	inderstorm bl	-			uickStop convenient store. The store sustain
		e structural damag						alekstop convenient store. The store sustain
Yazoo County			5					
Yazoo City	16	0320CST			0	0	1K	Thunderstorm Wind
	A fev	w trees were blown	n down acro	oss town.				
Hinds County								
4 W Byram to 3 NW Byram	16	0510CST 0515CST	2	300	0	0	1.4M	Tornado (F1)
Rankin County Brandon	occur other 16 Trees	rred along and ne homes sustained 0650CST	ear Spring V minor dama n onto two	Wood Drive a age in the area	and Springd a. Otherwise 0	ale Road e, several 0	where nine home trees and power lin 30K	acked northeast two miles. The worst dama es sustained major, structural damage. Thin hes were either blown down or uprooted. Thunderstorm Wind hinor damage. Other trees were knocked dow
Jones County								
1 SW Laurel	20	1750CST			0	0	1K	Thunderstorm Wind
		w trees were blown	n down acro	oss town.				
Washington County								
Washington County Greenville	25	2340CST			0	0		Hail (0.75)
Washington County	25	2340031			U	U		Han (0.75)
Greenville	25	2340CST			0	0		Hail (0.88)
Franklin County	20	1010001			v	Ū		(0.00)
Bude	26	0045CST			0	0		Hail (1.00)
Adams County								
Natchez	26	0107CST			0	0	1K	Thunderstorm Wind
	A fev	w trees were blown	n down acro	oss town.				
Franklin County								
Bude	26	0200CST			0	0	25K	Lightning
Franklin Country	Light	tning struck a barn	and caught	t it on fire. Ba	rn was desti	royed.		
Franklin County Meadville	26	0200CST			0	0		Hail (1.00)
Lincoln County	40	0-00001			U	v		
10 SW Brookhaven	26	0215CST			0	0		Hail (0.75)
Marion County	-*							. /
3 SW Columbia	26	0345CST			0	0	1K	Thunderstorm Wind
		erous trees were b	lown down	on Kokomo I	beoS			

Numerous trees were blown down on Kokomo Road.

$ \begin{array}{ c c c c c } \hline lice is line in the interaction of Highway I and a line is line in the interaction of Highway I and I andI$			Time	Path	Path	Numbe	r of	Estimated	1		March 2000
MISSISSIPPI, Central Bolivar County 6 W Duncan 29 220CST 0 0 5K Thunderstorm Wind and 44. Bolivar County Shelby 29 233CST 0 0 1K Thunderstorm Wind Another eighteen wheel truck was blown down near town. Also, numerous trees were blown down across the urea. Caliborne County Port Ghoon 30 1915CST 0 0 Hail (1.00) Tindak County Port Ghoon 30 2035CST 0 0 Hail (0.75) Madison County Port Ghoon 30 2035CST 0 0 Hail (0.75) Garroll County Gen Allan 30 2035CST 0 0 Hail (0.75) Garroll County Gen Allan 21 0030CST 0 0 Hail (0.75) Grenada 31 0205CST 0 0 Hail (0.75) Very hevey rainful across the area resulting in a vehicle being washed off the roud into a flooded ditch. Montgomery County Grenada 31 0225CST 0 0 Hail (0.75) Yazoo County Geneada 1 025CST 0 0 Hail (0.75) Yazoo County 1 023CST 0 0<	Location	Data	Local/	Length	Width	Perso	ns	Damage		varactar of Storm	March 2002
Bolison (Note: Section 2000) Section 2000) <th< td=""><td></td><td></td><td>Standard</td><td>(whies)</td><td>(Taius)</td><td>Killeu</td><td>injuieu</td><td>riopenty C</td><td>Tops CI</td><td></td><td></td></th<>			Standard	(whies)	(Taius)	Killeu	injuieu	riopenty C	Tops CI		
6 WDurean 9 3.20 C PT 0 9 5 K Threatestime intersection of Highway in a Highway		1									
straight line winds from a severe thunderstorm over urned an eightenn wheel truck and trailer near the intersection of Highway and Hat. Boilar County Boilar County For Gibbon Tor Gib	•	20	2320CST			0	0	5K	Tł	understorm Win	d
Beller Shelp2 sats the result of the second with the second withhe second with the second with t	o w Duicai	Straig	ht-line winds fr	om a severe	thunderstorm	overturned a					
Another eighteen wheel truck was blown down near town. Also, numerous trees were blown down across the area.Chaibore County Fora Glass 20009 [25CST00Hail (1.00)Hinds County TW Poelahontas 30235CST00Hail (0.75)Madison County Carroll County Carroll County Carroll County Carroll County To an also 20000Hail (0.75)Madison County Carroll County Carroll County Carroll County Carroll County Carroll County Carroll County To an also 20000Not controll To an also 200031230CST00To Can also 2000310100CST00To Can also 20007000 Controll Controll Tooch 20000To Can also 200031022CST00To Can also 20007000 County Corroll County County00To Can also 20007000 County0225CST00Hail (0.75)7100 County00To Can also 2000To Can also 20007100 County0225CST00To Can also 20007100 County00To Can also 2000To Can also 2000To Can also 20007100 County00To Can also 2000To Can also 2000To Can also 200071000 County1020CST00To Can also 200071000 County1020CST00To Can also 200071000 County1020CST00To Can also 2000	Bolivar County										
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Hinds County Notes	Claiborne County										
Type Calondra Malison County Horia9090Hail (0.75)Matison County Carrolloon Car	Port Gibson	30	1915CST			0	0		Ha	ail (1.00)	
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Find Carrollo Control Carrollo Control 	7 W Pocahontas	30	2035CST			0	0		Ha	ail (0.75)	
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Oxford152005CST000.11KHail (1.00)Union County Etta152008CST000.01KHail (0.75)Tate County 12 E Independence161520CST000.05KHail (0.88)Coahoma County Clarksdale292230CST 2235CST0010KHail (1.00)Pontotoc County		A cou	ple of trees were	e knocked do	own.						
Oxford152005CST 2010CST000.11KHail (1.00)Union County Etta152008CST 2015CST000.01KHail (0.75)Tate County 12 E Independence161520CST 1525CST000.05KHail (0.88)Coahoma County Clarksdale292230CST 2235CST0010KHail (1.00)Twenty-seven cars in a car lot were damaged by the hail.Pontotoc County	Lafayette County										
Union County Etta152008CST 2015CST000.01KHail (0.75)Tate County 12 E Independence161520CST 1525CST000.05KHail (0.88)Coahoma County Clarksdale292230CST 2235CST0010KHail (1.00)Twenty-seven cars in a car lot were damaged by the hail.Pontotoc County		15	2005CST			0	0	0.11K	Ha	ail (1.00)	
Etta152008CST 2015CST000.01KHail (0.75)Tate County 12 E Independence161520CST 1525CST000.05KHail (0.88)Coahoma County Clarksdale292230CST 2235CST0010KHail (1.00)Twenty-seven cars in a car lot were damaged by the hail.Pontotoc County			2010CST								
2015CST Tate County 12 E Independence 16 1520CST 0 0 0.05K Hail (0.88) Coahoma County Clarksdale 29 2230CST 0 0 10K Hail (1.00) Twenty-seven cars in a car lot were damaged by the hail. Pontotoc County	Union County										
12 E Independence 16 1520CST 0 0 0.05K Hail (0.88) Coahoma County Clarksdale 29 2230CST 0 0 10K Hail (1.00) Twenty-seven cars in a car lot were damaged by the hail. Pontotoc County	Etta	15				0	0	0.01K	Ha	ail (0.75)	
12 E Independence 16 1520CST 0 0 0.05K Hail (0.88) Coahoma County Clarksdale 29 2230CST 0 0 10K Hail (1.00) Twenty-seven cars in a car lot were damaged by the hail. Pontotoc County	Tate County										
Coahoma County Clarksdale 29 2230CST 0 0 10K Hail (1.00) Twenty-seven cars in a car lot were damaged by the hail. Pontotoc County	-	16				0	0	0.05K	Ha	ail (0.88)	
Clarksdale 29 2230CST 0 0 10K Hail (1.00) Twenty-seven cars in a car lot were damaged by the hail. Pontotoc County	Coahoma Countv										
2235CST Twenty-seven cars in a car lot were damaged by the hail. Pontotoc County	-	29	2230CST			0	0	10K	H	ail (1.00)	
Pontotoc County											
		Twent	ty-seven cars in	a car lot wer	e damaged by	the hail.					
Toccopola 30 0028CST 0 0 0.05K Hail (0.88)	-										
0035CST	Toccopola	30				0	0	0.05K	Ha	ail (0.88)	

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
MISSISSIPPI, North									
Yalobusha County	•	0000000			0	0	0.0177	TT 11 (0.85)	
Water Vly	30	0030CST 0035CST			0	0	0.01K	Hail (0.75)	
Pontotoc County		00000001							
Randolph to Buckhorn	30	0040CST 0100CST			0	0	0.12K	Hail (1.00)	
Yalobusha County									
5 N Oakland	30	0045CST 0050CST			0	0	5K	Thunderstorm Wind	l
Colhour County	Some	power lines we	re knocked d	own.					
Calhoun County Bruce	30	0110CST			0	0	5K	Thunderstorm Wind	1
Diuce	30	0115CST			U	U	31	Thunderstorm white	L
	A few	trees were blow	wn down.						
Lee County									
Nettleton	30	0120CST 0125CST			0	0	0.01K	Hail (0.75)	
MISSISSIPPI, South									
Hancock County									
Fenton	12	1250CST			0	0		Hail (0.75)	
Amite County									
Amite County 6 W Liberty	26	0140CST			0	0		Hail (1.00)	
0 W Liberty		ich diameter ha	il occurred al	ong Highway		Ū		Han (1.00)	
	0110 11		ii occurred u	iong mgninuj	2				
Pike County Holmesville	26	0234CST			0	0		Hail (1.00)	
rionnesvine	26 One ir	1ch dimater hail	occurred alo	no Hiohway		U		Hall (1.00)	
	one n			ing ringhtway					
Hancock County	21	1015000			0	0		II (0.77)	
Clermont Harbor	31	1015CST			0	0		Hail (0.75)	
Hancock County									
Clermont Harbor	31	1015CST			0	0		Funnel Cloud	
Jackson County									
Hurley	31	1115CST			0	0		Hail (1.00)	
·									
MISSISSIPPI, Southe	ast								
Perry County	12	1715CST			0	0		Hail (0.75)	
Richton	12	1716CST			U	U		Hall (0.75)	
Charles Charles									
Stone County	21	0944CST			0	0		Hail (0.75)	
3 S Whites Crossing	31	0945CST			U	U		Hail (0.75)	
	Dime	size hail was re	ported near t	he community	of Big Leve	el.			
George County									
Benndale	31	1020CST			0	0		Hail (0.75)	
Deminune	~	1020CST 1021CST			Ŭ			(2)	
MISSOURI, East									
MOZ018>019-	Knov	. Lewis - S	Shelby - M	arion - M	nroe - P	alls - P	ike - Roone - Aud	lrain - Moniteau - (Cole - Osage -
026>027-034>036-		way - Montg	-				ine Boone - Aut	num monitau - v	
041>042-047>052-059	Junu		, j L						
	02	0600CST 2000CST			0	0		Winter Storm	
		2000CST	central and	northeast Mis			larch 2 crinnling trans	Winter Storm	ff the area

A winter storm struck central and northeast Missouri on Saturday, March 2, crippling transportation across much off the area. About a 1/2 inch of sleet fell first, followed by 4 to 6 inches of snow. In addition, winds of 20 to 30 mph came with the snow causing poor visibility and drifting snow. Road crews reported that the wind would blow snow back on some roads as soon as they pushed it off.

		Time	Path	Path	Numl	per of	Estimated		
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	For Skilled		Damage Property Crops	s Character of Storm	March 2002
			. /	. /		-			
MISSOURI, East Shelby County									
Clarence	09	0145CST			0	0		Thunderstorm W	(G55)
Shelby County									
Shelbina	09	0150CST			0	0		Thunderstorm W	. ,
	Clarer	ice and Shelbi	na areas were		ed or suffer	ed major	roof damage. In S	by County. Numerous a Shelbina, several busines	
Audrain County									
Mexico		0200CST moving line of red across town		ms brought 60	0 mph wind g	0 gusts to N	lexico. There was t	Thunderstorm W ree, power line, and son	
MOZ018>019- 026>027-034>036- 041>042-049>052-059- 061>065			•				Boone - Audrai St. Louis (C) - J	n - Osage - Callawa efferson	y - Montgomery -
0012005	09	0600CST			0	0		High Wind (G43))
	50 mp downe	h were comm	on across the s ls. Close to 50	area. Area elec	etric compar	nies repor	ted scattered power	nusing scattered damage r outages as some power Louis area. Some billb	poles and lines were
Iron County	were t	uso damaged t	by the white.						
Viburnum	15	0100CST			0	0		Hail (0.75)	
v iour num			ted 3/4 inch h	ail in Viburnu		Ū			
Washington County		1 1							
Potosi	15 The pi	0148CST	a brief period	of golfball siz	0 e hail in Pot	0 osi.		Hail (1.75)	
MOZ041>042-049-	-	-	•	•			onade - Warren	ı - St. Charles - Fra	nklin - St. Louis -
051>052-059>065		ouis (C) - Je		Joingoiner	Lincon	i Gust	onduce warren	i bu churics i iu	initian St. Louis
	25	1800CST			0	0		Winter Storm	
	26	0600CST							
	accum inches Highw	ulated up to 1 of sleet/snow	inch in many covered the te 64 in St. Lo	y areas. The sl ground. The	eet changed combination	to snow on of slee	by the early morni et and snow made	et began falling the even ing hours of the 26th. A travel extremely hazar ions as did the Martin L	ltogether from 3 to 4 dous across the area.
St. Charles County									
St Paul	28	1215CST			0	0		Hail (1.00)	
St. Charles County									
3 E St Paul	28 The pr Paul.	1220CST ublic reported	1 inch hail co	overing the gro	0 ound in St. P	0 aul. The	Sheriff Department	Hail (1.75) reported golfball size h	ail 3 miles east of St.
MISSOURI, Lower									
MOZ113	Dunk	lin							
	25	2300CST			0	0	1K	Flood	
	26 Severa	0130CST al roads were f	looded						
Dunklin Country									
Dunklin County Holcomb	29	1700CST 1705CST			0	0	0.01K	Hail (0.75)	
MISSOURI, Northeas	<u>t</u>								
Clark County					~	~			
5 E Wayland	09 Top of	0145CST f grain bin blo	wn off.		0	0		Thunderstorm W	'ma (G61)

		Time Local/	Path Length	Path Width	Numbe Perso		Estimated	March 200
Location	Date	Standard	Length (Miles)	(Yards)		ns Injured	Damage Property Crops	Character of Storm
MISSOURI, Northeas	st							
Clark County	-							
Wyaconda	09	0145CST			0	0		Thunderstorm Wind (G61)
	Trees	down.						
Scotland County		01 45 COT			0	0		
11 SE Memphis	09 Maahi	0145CST ine shed damage	.a		0	0		Thunderstorm Wind (G61)
	A stro at 6 A colder front a United afterno	ng arctic front e M. Friday rang air was poised and the large ter d States to ignite poon and evening	extended from ged from the to the north nperature gr severe thun g. These sto	middle 20s in of the region adient across derstorms. In orms then even	the far Nor with temper it combined itial develops olved into a s	thwest Id atures in with a vin nent occ squall lir	wa to the middle and the single digits and gorous upper level di urred from Central Iov	y morning. Temperatures across the from l upper 50s in Northeast Missouri. Muc teens in the Northern Plains. This arcti sturbance ejecting from the Southwester wa into North Central Missouri late Frida vard through much of Northeast Missouri age.
MISSOURI, Northwe	st							
MOZ007>008-	Putna	am - Schuyle	r - Sullivar	ı - Adair - C	Clinton - Co	oper -	Henry	
016>017-021-046-054								
	01 03	1345CST 1200CST			0	0		Heavy Snow
		ches of snow rep	ported in Liv	onia				
MOZ015-024-032-037		idy - Linn - C						
	02	1525CST			0	0		Winter Storm
	03	1200CST						
Andrew Country	Strong							cches of snow across northwest Missour ng was hazardous and numerous accident
Andrew County Amazonia	07	2214CST			0	0		Hail (0.75)
De Kalb County	07	2214051			U	U		Han (0.75)
Union Star	07	2258CST			0	0		Hail (0.88)
Andrew County								
3 N Helena	07	2300CST			0	0		Hail (0.88)
De Kalb County								
Fairport	07	2323CST			0	0		Hail (1.75)
De Kalb County								
2 NW Santa Rosa	07	2328CST			0	0		Hail (1.00)
v					0	0		Hail (0.75)
Daviess County Pattonsburg	07	2335CST						
Pattonsburg	07	2335CST						
Pattonsburg	07 08	2335CST 0003CST			0	0		Hail (0.75)
Pattonsburg Daviess County 3 N Jameson		0003CST						
Daviess County 3 N Jameson Grundy County 3 N Brimson					0 0	0 0		Hail (0.75) Hail (0.75)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County	08 08	0003CST 0018CST			0	0		Hail (0.75)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson	08 08 08	0003CST 0018CST 2155CST						
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue	08 08 08	0003CST 0018CST			0	0		Hail (0.75)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County	08 08 08 Trees	0003CST 0018CST 2155CST reported down.			0	0 0	1K	Hail (0.75) Thunderstorm Wind (G52)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue	08 08 08 Trees 08	0003CST 0018CST 2155CST	reported dov	vn.	0	0	1K	Hail (0.75)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County Savannah	08 08 08 Trees 08	0003CST 0018CST 2155CST reported down. 2200CST	reported dov	vn.	0	0 0	1K	Hail (0.75) Thunderstorm Wind (G52)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County	08 08 08 Trees 08	0003CST 0018CST 2155CST reported down. 2200CST	reported dov	vn.	0	0 0	1K	Hail (0.75) Thunderstorm Wind (G52)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County Savannah Nodaway County Burlington Jct Platte County	08 08 08 Trees 08 Power 08	0003CST 0018CST 2155CST reported down. 2200CST lines and trees 2202CST	reported dov	vn.	0 0 0	0 0 0	1K	Hail (0.75) Thunderstorm Wind (G52) Thunderstorm Wind (G52) Thunderstorm Wind (G52)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County Savannah Nodaway County Burlington Jct Platte County Bean Lake	08 08 08 Trees 08 Power	0003CST 0018CST 2155CST reported down. 2200CST lines and trees	reported dov	vn.	0 0 0	0 0 0	1K	Hail (0.75) Thunderstorm Wind (G52) Thunderstorm Wind (G52)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County Savannah Nodaway County Burlington Jct Platte County Bean Lake Platte County	08 08 Trees 08 Power 08 08	0003CST 0018CST 2155CST reported down. 2200CST lines and trees 2202CST 2205CST	reported dov	vn.	0 0 0 0	0 0 0 0	1K	Hail (0.75) Thunderstorm Wind (G52) Thunderstorm Wind (G52) Thunderstorm Wind (G52) M
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County Savannah Nodaway County Burlington Jct Platte County Bean Lake Platte County Edgerton	08 08 08 Trees 08 Power 08	0003CST 0018CST 2155CST reported down. 2200CST lines and trees 2202CST	reported dov	vn.	0 0 0	0 0 0	1K	Hail (0.75) Thunderstorm Wind (G52) Thunderstorm Wind (G52) Thunderstorm Wind (G52)
Pattonsburg Daviess County 3 N Jameson Grundy County 3 N Brimson Holt County Fortescue Andrew County Savannah Nodaway County Burlington Jct Platte County Bean Lake Platte County	08 08 Trees 08 Power 08 08	0003CST 0018CST 2155CST reported down. 2200CST lines and trees 2202CST 2205CST	reported dov	vn.	0 0 0 0	0 0 0 0	1K	Hail (0.75) Thunderstorm Wind (G52) Thunderstorm Wind (G52) Thunderstorm Wind (G52) M

		Time Local/	Path Length	Path Width	Numl Pers		Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
MISSOURI, Northw	vest							
Gentry County		2225.06T			0	0		
Albany Gentry County	08	2235CST			0	0		Thunderstorm Wind (G52)
Stanberry	08	2235CST			0	0		Thunderstorm Wind (G57) ^M
Clinton County	00	2200 00 1			Ū	Ū		
Plattsburg	08	2258CST			0	0		Thunderstorm Wind (G52)
	Nume	erous trees blo	own down.					
Clay County					0			
Gladstone	08	2302CST			0	0		Hail (1.00)
Harrison County Cainsville	08	2313CST			0	0	1K	Thunderstorm Wind (G52)
Callisville		r lines reporte	d down		U	U	IK	Thunderstorm while (652)
Ray County	10110	i intes reporte	u uo mi					
9 W Rayville	08	2325CST			0	0		Hail (1.00)
Daviess County								
Gallatin	08	2326CST			0	0		Thunderstorm Wind (G52)
Cass County								
Belton	08	2328CST			0	0		Hail (0.75)
Mercer County	00	2330CST			0	0		Thursdown Wind (C52)
Mill Grove	08 Large	tree reported	down		0	0		Thunderstorm Wind (G52)
Grundy County	Large	tree reported	down.					
2 NW Spickard	08	2335CST			0	0		Thunderstorm Wind (G57) ^M
Grundy County	00							
2 WNW Tindall	08	2335CST			0	0		Thunderstorm Wind (G52) ^M
Cass County								
5 SW Garden City	08	2340CST			0	0	10K	Thunderstorm Wind (G52)
				had windshie	eld shattered a	and roof o	dented in. TV antenna	blown over. A single wide trailer moved 4
Sullivan County	reet o	f its foundatio	on.					
Harris	08	2352CST			0	0		Thunderstorm Wind (G51) ^M
Livingston County	00							
Wheeling	09	0000CST			0	0		Hail (0.75)
-	Also	reported 60 m	ph wind gust.					
Carroll County								
Carrollton	09	0003CST			0	0		Thunderstorm Wind (G50)
Carroll County	00	0010007			0	0	25W	Three denotes with d (C.57)
Carrollton	09 Roof	0010CST	ouse. Silo blow	n over onto (0 Shurch	0	25K	Thunderstorm Wind (G57)
Chariton County	Rooi		ouse. Sho blow		.nurch.			
4 N Dalton	09	0015CST			0	0	2K	Thunderstorm Wind (G52)
		barn blown o	over.					
Linn County								
Brookfield	09	0020CST			0	0		Hail (0.75)
Putnam County		0000000			0	0	017	
Unionville	09 Boof	0029CST blown off a 41	U building		0	0	8K	Thunderstorm Wind (G57)
Saline County	KUUI	olown oll a 4	ri bununig.					
Marshall	09	0045CST			0	0		Hail (0.75)
Pettis County								
Sedalia	09	0055CST			0	0		Thunderstorm Wind (G52)
	Large	tree blown do	own on highwa	y 65.				
Macon County	a -	010-00-			^	~	40.77	
Excello	09 Born	0105CST	larga normar -	los dorros 1	0	0	40K	Thunderstorm Wind (G57)
	Barn	uestroyed and	large power p	nes downed.				

St	ori	n Data	and	Unus	ual W	leat	ther Pher	nomena	
		Time Local/	Path Length	Path Width	Numb		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
MISSOURI, Northwes	t								
Adair County									
2 E Kirksville	09 Larga	0120CST trees uprooted. R	loof blown	off a bouse ar	0 ud garage doo	0 r blown	15K	Thunderstorm Wi	nd (G57)
a a i	Large	urees uprobled. N	toor blowin	on a nouse ai	iu garage uoo	1 DIOWII			
Cass County Harrisonville	29	0615CST			0	0		Hail (0.75)	
Pettis County		0010051			Ū	Ū			
10 S Sedalia	29	0719CST			0	0		Hail (0.75)	
MISSOURI, Southeast	t								
MOZ076-086>087-100-		- Bollinger -	Cape Gi	rardeau - V	Vayne - Ca	rter -]	Ripley - Butler - S	Stoddard - Scott - N	lississippi - New
107>112-114	Madı								
	09	0700CST 1400CST			0	0		Wind	
	Strong		und the bac	k side of an i	ntense low p	ressure	system gusted to arou	und 45 MPH for severa	hours. Some exact
			om automat	ed observing	sites include	d: 40 M	PH just west of Perr	yville, 46 MPH at Cap	e Girardeau, and 44
		at Poplar Bluff.							
MOZ100	Wayı				0	0		Flood	
	09 10	1800CST 2000CST			U	0		Flood	
				-				ested at 19.09 feet arour	
	10, ab	out 3 feet over fl	ood stage. N	Ainor flooding	g of low-lying	g areas o	ccurred, mostly rural	and agricultural bottom	lands.
Stoddard County		•••••			0				
1 SW Dexter to Dexter	15	2003CST 2008CST			0	0		Hail (1.25)	
	Dime	to half-dollar size	e hail fell in	Dexter for se	veral minute	s.			
MOZ100	Wayı	ne							
	20	0900CST			0	0		Flood	
	The St	2000CST	was above	flood stage f	or a while or	March	20 The crest was o	nly about 6 inches abov	a the 16 foot flood
		which caused on		-			20. The crest was of	ing about 0 menes abov	e ille 10-100t 1100d
Butler County									
Countywide	25	1630CST			0	0	25K	Flash Flood	
		2200CST							
Stoddard County Countywide	25	1730CST			0	0	10K	Flash Flood	
-	20	2200CST			Ū	Ū		1 1000	
Bollinger County		1000.007			0	0			
Countywide	25	1800CST 2200CST			0	0		Flash Flood	
Cape Girardeau									
County									
Whitewater	25	1900CST 2200CST			0	0		Flash Flood	
Perry County									
Countywide	25	1900CST 2200CST			0	0		Flash Flood	
Ripley County		2200CST							
Countywide	25	1900CST			0	0		Flash Flood	
Spott Commenter		2200CST							
Scott County Countywide	25	1900CST			0	0	10K	Flash Flood	
County white	<u>_</u>	2200CST			v	v			

A large area of slow-moving showers and thunderstorms persisted for an extended period of time, producing up to an inch of rain per hour. Rainfall totals were around 3 inches on average, with locally higher amounts. In Butler County, two houses and one outbuilding had water in them. A low water crossing on a rural road was impassable, and several other roads were flooded with up to 4 feet of water. Vehicle rescues were conducted in Butler County, and Highway 142 in Neelyville was closed. In Bollinger County, low water crossings on secondary roads were impassable. In Stoddard County, some washouts were reported on gravel roads, and numerous secondary roads had water over them. In Ripley County, Highway 142 at Naylor was completely flooded, and a couple of rural roads

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	March 20
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
MISSOURI, Southea	st							
inssoeni, southe	were			, numerous r	oads were fl	looded, ai	nd water was over a	t least one bridge. Low water crossings
	Perry	County had wat	ter in them					
MOZ114		Madrid			0	0		
	27 29	0900CST 1400CST			0	0		Flood
								out one half foot above flood stage the ne
	day. N	Ainor flooding o	of mainly agri	icultural low-l	ying bottom	lands occi	irred.	
New Madrid County	20	1630CST			0	0		Hail (0.75)
New Madrid	29	1050C51			U	U		Han (0.75)
<u>MISSOURI, Southwe</u> MOZ055>058-			N.C.II	T				Delevit Distance Destance (14)
MOZ055>058- 066>071-077>081- 088>091-093>094- 101>103								1 - Pulaski - Phelps - Barton - Ceda vrence - Mcdonald - Barry - Stone
101>105	02	0200CST			0	0	0	Winter Storm
	A lota	1400CST	rought a var	isty of winter	waathar aar	oog gouth	aget Vancas and nort	tions of southwest wast central and cent
		ouri, during the 1					east Kansas and port	tions of southwest, west central and cent
	C 1	1		A 1 - 1		C . F . 1 . 1		
				er Arkansas th	ne evening of	t March I	st, which moved con	bious amounts of moisture northward acro
	Before Betwee inches	e the snow start een one tenth ar s of snow fell no	ed, a shallow nd one quarte orthwest of a	/ layer of war er of an inch o line from Sto	e area that ea m air aloft p of ice accum ne County, r	rovided a nulated on northeast a	ing, dropping temper n hour or two of free roadways before th across Greene, Webs	atures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties
	Beford Betwee inches less th Green White	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and west	rovided a nulated on northeast a 30 miles st central	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near Co Missouri during the	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni
	Beford Betwee inches less th Green White	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and west	rovided a nulated on northeast a 30 miles st central	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near Co Missouri during the	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m
Barton County	Before Betwee inches less th Green White caused the sto	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b prm.	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r in a band west and wes Numerous of	rovided a nulated on northeast a 30 miles st central car accide	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near Co Missouri during the ents and indirectly re	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri
4 N Lamar	Before Betwee inches less th Green White caused	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and west	rovided a nulated on northeast a 30 miles st central	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near Co Missouri during the	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m
-	Before Betwee inches less th Green White caused the sto	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b prm.	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r in a band west and wes Numerous of	rovided a nulated on northeast a 30 miles st central car accide	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near Co Missouri during the ents and indirectly re	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri
4 N Lamar Jasper County Carl Jct Benton County	Before Betwee inchess less the Green White caused the sto 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b prm. 0041CST 0050CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i n a band west and wes . Numerous o 0 0	rovided a nulated om northeast a 30 miles st central car accide 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards	Before Betwee inchess less the Green White caused the sto 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar eout conditions d considerable b prm. 0041CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r in a band west and wes Numerous of	rovided a nulated on northeast a 30 miles st central car accide 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65)
4 N Lamar Jasper County Carl Jct Benton County	Before Betwee inchess less the Green White caused the sto 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b prm. 0041CST 0050CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i n a band west and wes . Numerous o 0 0	rovided a nulated om northeast a 30 miles st central car accide 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho	Beford Betwee inchess less th Green White caused the sto 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST 0110CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and wes Numerous o 0 0 0	rovided a nulated om northeast a 30 miles st central car accide 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy	Beford Betwee inchess less th Green White caused the sto 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and wes Numerous o 0 0 0	rovided a nulated om northeast a 30 miles st central car accide 0 0 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County	Beford Betwee inches less th Green White caused the sto 09 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST 0110CST 0115CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and west . Numerous of 0 0 0 0 0 0	rovided a nulated om northeast a 30 miles st central car accide 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58) Thunderstorm Wind (G60) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County Anderson	Beford Betwee inches less th Green White caused the sto 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST 0110CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and west . Numerous of 0 0 0 0 0 0 0 0	rovided a uulated om oortheast a 30 miles st central car accide 0 0 0 0 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 0 2K	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58) Thunderstorm Wind (G60)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County Anderson Polk County 5 N Pleasant Hope	Beford Betwee inches less th Green White caused the sto 09 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST 0110CST 0115CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r i in a band west and west . Numerous of 0 0 0 0 0 0 0 0	rovided a uulated om oortheast a 30 miles st central car accide 0 0 0 0 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 0 2K	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58) Thunderstorm Wind (G60) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County Anderson Polk County 5 N Pleasant Hope Dallas County	Beford Betwee inches less th Green White caused the sto 09 09 09 09 09 09 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST 0110CST 0110CST 0115CST 0135CST 0205CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r l in a band west and west . Numerous of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rovided a uulated om oortheast a 30 miles st central car accide 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the cross Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 2K 25K 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County Anderson Polk County	Beford Betwee inches less th Green White caused the sto 09 09 09 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST 0110CST 0115CST 0135CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r l in a band west and west . Numerous of 0 0 0 0 0 0 0 0 0 0 0	rovided a uulated om oortheast a 30 miles st central car accide 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the across Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 0 2K 25K	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58) Thunderstorm Wind (G58) Thunderstorm Wind (G58) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County Anderson Polk County 5 N Pleasant Hope Dallas County Long Lane Greene County 5 S Fair Grove	Beford Betwee inches less th Green White caused the sto 09 09 09 09 09 09 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d considerable b orm. 0041CST 0050CST 0110CST 0110CST 0110CST 0115CST 0135CST 0205CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r l in a band west and west . Numerous of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rovided a uulated om oortheast a 30 miles st central car accide 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the cross Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 2K 25K 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County Anderson Polk County 5 N Pleasant Hope Dallas County Long Lane Greene County 5 S Fair Grove Lawrence County	Beford Betwee inches less th Green White caused the sto 09 09 09 09 09 09 09 09 09 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions of d considerable b orm. 0041CST 0050CST 0110CST 0110CST 0110CST 0115CST 0135CST 0205CST 0215CST 0215CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r l in a band west and west . Numerous of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rovided a uulated om oortheast a 30 miles st central car accide 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the cross Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 2K 25K 0 0 0 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at tim e heavy snow began. Between four to ni ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopl morning as northerly winds up to 40 m lated weather injuries were reported duri Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58)
4 N Lamar Jasper County Carl Jct Benton County 7 W Edwards Newton County Neosho Hickory County 1.5 S Quincy Mcdonald County Anderson Polk County 5 N Pleasant Hope Dallas County Long Lane Greene County 5 S Fair Grove	Beford Betwee inches less th Green White caused the sto 09 09 09 09 09 09 09 09 09 09 09 09	e the snow start een one tenth ar s of snow fell no han eight hours field, Bolivar ar cout conditions d d considerable b orm. 0041CST 0050CST 0110CST 0110CST 0110CST 0115CST 0135CST 0205CST 0215CST	ed, a shallow nd one quarte orthwest of a s. The heavi nd Buffalo. were commo	v layer of war er of an inch o line from Sto est snow fell on over southy	e area that ea m air aloft p of ice accum ne County, r l in a band west and west . Numerous of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	rovided a uulated om oortheast a 30 miles st central car accide 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ing, dropping temper n hour or two of free roadways before the cross Greene, Webs wide from near C Missouri during the ents and indirectly re 10K 0 0 2K 25K 0 0	ratures 20 to 30 degrees in six hours. ezing rain, mixed with heavy sleet at time e heavy snow began. Between four to n ter, Laclede, Pulaski and Phelps counties olumbus, Kansas, eastward across Jopf morning as northerly winds up to 40 m lated weather injuries were reported dur Thunderstorm Wind (G65) Thunderstorm Wind (G58) Thunderstorm Wind (G58)

A squall line formed over eastern Kansas prior to midnight and swept through western and central Missouri early morning March 9th. Although no major damage was reported, minor damage was reported to homes, outbuildings and power poles.

		Time Local/	Path Length	Path Width		ber of sons	Estim Dam			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
AISSOURI, Southw	rest									
Howell County										
Pottersville	09	0430CST			0	0	10K		Thunderstorm Win	d (G60)
	A mot	bile homes roof	was blown o	off near Potter	sville.					
Shannon County										
Eminence	09 Nume	0440CST rous large trees	were blown	down.	0	0	0		Thunderstorm Win	d (G60)
Phelps County										
Rolla	15	1200CST 1205CST			0	0	0		Hail (0.75)	
Dade County										
Everton	15	1205CST			0	0	0		Hail (0.75)	
		1210CST								
Greene County										
Fair Grove	15	1344CST			0	0	0		Hail (0.75)	
Stone County										
Kimberling City	15	1410CST			0	0	0		Hail (0.75)	
Laclede County										
Phillipsburg	15	1418CST			0	0	0		Hail (0.75)	
Taney County										
3 N Walnut Shade	15	1430CST			0	0	0		Hail (0.75)	
Faney County 4 NE Protem	15	1430CST			0	0	0		Hail (0.75)	
	10	1.00001			Ŭ	Ū	Ū			
Pulaski County Buckhorn	15	1446CST			0	0	0		Hail (0.75)	
	15	1440C51			U	U	U		Hall (0.75)	
Howell County		1 (10 000			<u>^</u>	0	0			
Caulfield	15	1618CST 1620CST			0	0	0		Hail (0.75)	
MOZ082-092-096>09	8- Texa		Douglas - H	Iowell - Sha	annon - Oz	ark - O	regon			
105>106	19	1030CST			0	0	60K		Flood	
	20	1500CST		41	-f Manala 10	0.41				
	rainfal	ll produced bety	ween two an	d four inches	over portio	ns of sou	th central M	lissouri du	overnight hours of Ma uring an 18 to 24 hour p ches, widespread floodi	period. The ground
									the high water. Even ng closed through the a	
	20th. 7		s were in Ho	well, Oregon	, Douglas, a	nd Shann	on counties	where so	me bridges were water	
		lition to the low rising above flo				y roads f	looded, rive	r flooding	developed which inclu	ided the Big Piney
Benton County 2 W Mora	29	0719CST			0	0	0		Hail (0.75)	
Morgan County										
5 N Stover	29	0735CST			0	0	0		Hail (1.00)	
Miller County 3 N Eldon	29	0755CST			0	0	0		Hail (1.75)	
o it Liuvii		0.0000			v	•				

		Time Local/	Path Length	Path Width		ber of sons	Estimated Damage		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
MONTANA, Central									
MTZ009-048	North 04	1 Rocky Mou 0400MST	intain From	nt - Souther	n Rocky N 0	Aountaiı 0	n Front	High Wind (G56)	
		1200MST			Ŭ	÷		Ç ()	
	mph at		West of Pen	•		0	U	of the 4th. Wind gusts w bilities were reduced bel	
MTZ008>009-	Beave	erhead - No	rth Rocky	Mountain	Front -	Souther	n Lewis And C	lark - Madison - S	Southern Rock
014>015-048-055		ntain Front - 0000MST	Gallatin		0	0		Winter Storm	
	05 06	2200MST			U	U		white Storm	
	The sn Southy	low continued t	to fall throug to 10 to 20 in	h the evening thes over the	, hours of the	e 6th. Tot	al snow accumulatio	into Southwest Montana ns generally ranged fron l only was advised over t	1 6 to 8 inches ove
							t:: St. Mary 16 inch E 8 inches; and Silve	es; Great Divide Sky Re er Star 7 inches.	sort 15 inches; Eas
MTZ014-050>054	South 07	ern Lewis A 1400MST 2200MST	nd Clark -	Judith Bas	sin - Fergu 0	s - Jeffe 0	rson - Broadwate	er - Meagher Winter Storm	
	rates v accum	d of heavy snow were near 2 in	ches per ho lly ranged fr	ur for severa om 6 to 8 inc	l hours, as	a band a	of snow moved no	oon and evening hours of ortheast from Helena to a the mountains. Emerge	Lewistown. Snow
MTZ010-048	Easte 08	rn Glacier - 0000MST 1200MST	Southern I	Rocky Mou	ntain Fror 0	nt O		Extreme Cold	
	8th. C		record daily					meted to record levels or eit below zero, while Bl	
MTZ010-048		rn Glacier -	Southern I	Rocky Mou					
	10 11	1300MST 0400MST			0	0		High Wind (G69)	М
	early r		on the 11th.	Sustained w				fternoon of the 10th, and 1540 MST, and an 80 r	
MTZ009-048	North	n Rocky Mou	intain From	nt - Souther	•		n Front		
	11 12	0600MST 0200MST			0	0		Winter Storm	
	to area							1th. The heaviest snow w Il reported over one inch	
MTZ009-012-014-048-	North	n Rocky Mo	untain Fro	ont - Casca	de - Soutl	nern Lev	wis And Clark -	Southern Rocky M	ountain Front
050>051-054	Judit 19	h Basin - Fei 1500MST	gus - Mea	gher	0	0		Winter Storm	
	20	1200MST							
	to fall	over the Rocky	Mountain F	ront on the af	ternoon of th	ne 19th an	d then moved into C	ntana on the 19th and 20 Central Montana early on ly was in effect on some	the 20th. The snow

Here is a list of some of the total snow accumulations from this event: 26 inches at East Glacier; 20 to 30 inches at the Great Divide Ski Resort in Lewis and Clark County; 20 to 24 inches at Showdown Ski Resort in Meagher County; 13 inches at Lewistown 10 E; and 6 to 8 inches across the plains of Cascade, Judith Basin, and Fergus counties, along with the Rocky Mountain Front.

Location	Time Local/ Date Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property C	rops Character of Storm	March 2002
<u>MONTANA, East</u> MTZ016-018-059-061	Central And Se Ph	hillips - Da	niels - Nort	hern Phill	ips - No		· ·	
	05 0100MST 1400MST A strong and moist wi total with 10 inches, N						Heavy Snow a. The Port of Morgan reporte yed 6 inches of snow.	ed the highest snow
MTZ021>022-026	Petroleum - Garfie 19 1800MST 20 1200MST A winter storm that a snow of 6 to 9 inches	affected Sour	theast Monta	**		-	Heavy Snow NWS Glasgow county warnin inties.	ng area. A band o
<u>MONTANA, South</u> MTZ028	Wheatland 08 0900MST 2 to 3 feet of new snor	w in the mou	ıntains just ab	0 ove Cooke C	0 City		Heavy Snow	
MTZ028	Wheatland 08 0900MST 8 inches of new snow	in Cooke Ci	ty	0	0		Heavy Snow	
MTZ028	Wheatland 08 0900MST 6 inches of snow in Li	ivingston		0	0		Heavy Snow	
MTZ028	Wheatland 08 0900MST 6 inches of snow in N	ye		0	0		Heavy Snow	
MTZ028	Wheatland 08 0900MST 6 inches of snow 4 mi	les south of	Mcleod	0	0		Heavy Snow	
MTZ028	Wheatland 08 0900MST 5 inches of new snow	in Harlowto	n	0	0		Heavy Snow	
MTZ029	Musselshell 08 0900MST 5 inches of new snow	in Lavina		0	0		Heavy Snow	
MTZ029	Musselshell 08 0900MST 5 inches of snow in R	yegate		0	0		Heavy Snow	
MTZ035	Yellowstone 08 0900MST 4 inches of new snow	at Billings a	irport	0	0		Heavy Snow	
MTZ028	Wheatland 08 0900MST 4 inches of new snow	in Mcleod		0	0		Heavy Snow	
MTZ033	Fallon080900MST4 inches of snow in Balance	aker		0	0		Heavy Snow	
MTZ029	Musselshell 08 0900MST 4 inches of new snow	in Roundup		0	0		Heavy Snow	
MTZ040	Park 12 1700MST 59 mph sustained win			0	0		High Wind (G59)	М

		Time Local/	Path Length	Path Width	Pers	ber of sons	Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
<u>MONTANA, South</u> MTZ056	12	ern Carbon 2103MST es of new snow	in Red Lodg	e	0	0		Heavy Snow	
MTZ034	Stillw 14				0	0		Heavy Snow	
MTZ056	14	ern Carbon 1530MST inches of new s	snow on Red	Lodge Moun	0 tain	0		Heavy Snow	
MTZ058	14	nern Rosebuo 1530MST es of new snow			0	0		Heavy Snow	
MTZ037	Carte 14 5 inche	er 1530MST es of new snow	v 20 miles we	st of Alzada	0	0		Heavy Snow	
MTZ041	20	t Grass 0730MST es of new snow	v 8 miles nort	h of Big Tim	0 ber	0		Heavy Snow	
MTZ032	Custe 20 9 inche	er 0800MST es of new snow	in Miles Cit	у	0	0		Heavy Snow	
MTZ031	20	nern Rosebue 0800MST hes of new sno			0	0		Heavy Snow	
MTZ033	Fallo 20 12 incl	n 0800MST hes of new sno	w in Baker		0	0		Heavy Snow	
MTZ030	Treas 20 12 incl	sure 0800MST hes of new sno	w in Hysham		0	0		Heavy Snow	
MTZ029	20	elshell 1700MST hes of new sno	w in Rounduj	p	0	0		Heavy Snow	
MTZ031	20	nern Rosebue 1800MST hes of new sno			0	0		Heavy Snow	
MTZ037	Carte 24 5 inche	er 1700MST es of new snow	v in Alzada		0	0		Heavy Snow	
MONTANA, West MTZ002-043	01	Glacier Reg 0600MST 1600MST snow blankete			0	0 gions on t	he morning of April 1	Heavy Snow , 2002, with 8-10 inche	es at Marias Pass, 9
MTZ001>007-043	Koote Misse 05 07	oula / Bitterr 1700MST 2200MST	: Region - oot Valleys	West Glac - Bitterroo	ier Region ot / Sapphi 0	n - Flat ire Mou 0	head/Mission Vall ntains - Butte / Pir	eys - Lower Clark htlar Region - Black Heavy Snow ntal boundary met up v	foot Region

Storm Data and Unusual Weather Phenomena Time Path Path Number of Estimated March 2002 Local/ Length Width Persons Damage Standard Character of Storm Location Date (Miles) (Yards) Killed Injured Property Crops MONTANA, West airmass. Snowfall totals ranged from 6 to 12 inches in the valleys with one to two feet common in the mountains. Local whiteout conditions prevailed as the arctic front passed through, causing snow drifts over a foot in many areas. Commercial flights into the Butte Airport were canceled for most of the day on March 7th. Highest snowfall totals recorded in the mountains were Hoodoo Basin and Poorman Creek with 33 inches, and Marias Pass with 35 inches. MTZ001>002-004-006- Kootenai/Cabinet Region - West Glacier Region - Lower Clark Fork Region - Bitterroot / Sapphire Mountains 043 - Blackfoot Region 1400MST 11 **Heavy Snow** 1400MST 12 Winter storm brought heavy snow and strong winds to the mountains of western Montana. Heavy snow began in the late afternoon of March 11 and lasted for 24 hours. Locally strong wind gusts over 50 mph occurred in the morning of March 12. Snowfall ranged from 6 to 8 inches just above 4000 feet, with one to two feet reported over the higher elevations. Highest snowfall amounts recorded were 16 inches at Badger Pass and 17 inches at Flattop Mountain in Flathead County. 24 inches of new snow was recorded at Hoodoo Basin in Mineral County. MTZ001>002-004>006 Kootenai/Cabinet Region - West Glacier Region - Lower Clark Fork Region - Missoula / Bitterroot Valleys -**Bitterroot / Sapphire Mountains** 18 1322MST 0 **Heavy Snow** 0000MST 21 MTZ001>003-043 Kootenai/Cabinet Region - West Glacier Region - Flathead/Mission Valleys - Blackfoot Region 0430MST Blizzard 20 0 21 0000MST A major winter like spring storm developed over western Montana as Pacific moisture and an arctic front combined to dump record breaking heavy snow over the region for three days. Local blizzard conditions developed over portions of western Montana on the third day, as the arctic front pushed over the Continental Divide and southward into the Bitterroot Valley. North winds increased to between 30 and 40 mph just behind the arctic front, with most roads declared emergency travel only by the DOT. Many northwest Montana schools were closed down. Average snowfall in the valleys ranged from 6 to 12 inches, with one to two feet of new snow in the mountains. The West Glacier and Blackfoot Regions received the most snow with 29 to 39 inches reported. Kalispell Airport broke a three day snowfall record with 20 inches and a record low temperature of 10 degrees on March 20. In the Mission Valley, snow drifts of 3 to 4 feet were reported. NEBRASKA, Central NEZ025>029-037>038- Thomas - Blaine - Loup - Garfield - Wheeler - Logan - Custer - Lincoln - Hayes - Frontier 059-070>071 01 1000CST 0 Winter Storm 1500CST A winter storm brought heavy snow, strong winds, and cold wind chills values as low pressure moved across Kansas. Snowfall amounts of 6 to 7 inches accumulated in portions of Hayes, Frontier, Lincoln, Logan, Thomas, Blaine, Loup, Garfield, and Wheeler counties. Snowfall amounts of 8 to 10 inches accumulated in southeast Custer county. Temperatures in the single digits with north winds of 20 to 30 mph created winds chill values of 10 to 20 below zero. NEZ004>010-022>026- Sheridan - Eastern Cherry - Keya Paha - Boyd - Brown - Rock - Holt - Garden - Grant - Hooker - Thomas -094 **Blaine - Western Cherry** 0600CST 0 0 Winter Storm 14 1800CST A low pressure system moved northeast across Kansas into southeast Nebraska and brought heavy snow to much of north central Nebraska. Strong north winds gusting to near 50 mph also caused near zero visibility during the afternoon of March 14th. The heaviest snowfall amounts of 10 to 20 inches fell across northern Sheridan and northern Cherry counties. Snowfall amounts ranging from 3 to 8 inches occured over much of the remainder of north central Nebraska. **NEZ010** Holt 2100CST 0 0 **Heavy Snow** 18 A convective band of heavy snow fell across the southeastern half of Holt county during the evening. Snow amounts ranged from three to nine inches over the area. NEBRASKA, East NEZ015-033>034-Thurston - Cuming - Burt - Colfax - Dodge - Washington - Butler - Saunders - Seward - Lancaster - Saline 043>045-050>051-065>066-078 1700CST Winter Storm 08 A 0 2355CST Freezing drizzle or light freezing rain that was falling over the area Friday afternoon quickly became heavier freezing rain and then sleet by early Friday evening (03/08/02) as a line of thunderstorms developed across the area. The thunderstorms were also

		Time	Path	Path	Numb		Estima			March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso Killed	ns Injured	Dama Property	ige Crops	Character of Storm	
						5				
NEBRASKA, East	inch of fell on slick c	f a mix of glaze top of the glaze onditions causir	from freezin e. In additi ng many veh	ng rain and sl on, northwest icles to slide	eet fell over a winds gustin of the roads.	large pa g betwe The wir	art of the area en 30 and 45 nds and glaze	a and then 5 mph cre e also cau	r air was drawn into the n snowfall of 1 inch to a eated difficult driving co sed numerous power flu hat struck parts of the an	as much as 5 inches onditions due to the uctuations and brief
				-			Little Sioux	, Iowa rej	porting 5 inches for the	heaviest total.
NEZ051-053-065>067- 078	Sauno	ders - Sarpy ·	- Seward -	Lancaster	- Cass - Sal	ine				
	this ba mph to not uni	nd was 6 to 8 in oward the end o usually bad for	the snow am	he heaviest ri so there was ounts recorde	ght along Inte some blowing ed.	erstate 8 g and dr	0 from Gretn ifting snow r	a to Linc reported,	Winter Storm a to just southwest of C oln. North winds did i however conditions in I Lincoln airport, 7 inche	increase to 15 to 30 blowing snow were
		in Papillion.		2					L Z	
NEBRASKA, Extreme NEZ013>014	Dixor 01 Snowf school	1 - Dakota 1100CST 2300CST all of four to s	or the day. T	ravel was gre					Winter Storm ducing blowing and d he heaviest snow of 6 t	
NEBRASKA, Extreme			st to boutin b	foux city.						
NEZ079>081	Dund 01 A stro mphv	y - Hitchcock 0800MST 1600MST ng winter storr which created	n provided areas of blo y county roa	southwest Ne owing and d ids. The stron	rifting snow.	Visibil	ity was redu	uced belo	Winter Storm storm produced north ow one mile, creating single digits, produced	hazardous driving
NEBRASKA, South C			Brees seron							
NEZ039>041-046>049- 060>064-072>077-	Valle	y - Greeley -							Buffalo - Hall - Ha - Franklin - Webs	
082>087	Thay 01	0400CST			0	0	120K	0	Winter Storm	
	across before was ca Ord pi	south-central N the event begar incelled, but by cked up 12 inch	Vebraska. V n, and most s midday, a t nes. An aver	Videspread sr schools in the blanket of hea rage of 8 incl	nowfall of 6 area cancelle avy snow was nes fell in the	o 12 in d classe across Grand I	ches occurre s on the 1st. the region. sland and Ha	d. The i In some The heav astings ar	air moved into the reginitial warning was issucts, it wasn't even sniest snow fell north of eas, while about 6 inch to impossible in some c	and about 15 hours owing when school Interstate 80 where es was noted closer
NEZ076>077-085>087	24 25 A 30 1 Nelson		h of snow fo ck both repo	ell from just orting 8 inche	0 southeast of s of new sno	w. Dew	eese checke	d in with	Winter Storm Snowfall ranged from 6 inches of white stuff oad conditions.	

Storm Data and Unusual Weather Phenomena Path Time Path Number of Estimated March 2002 Local/ Length Width Damage Persons Standard Killed Property Location Date (Miles) (Yards) Injured Crops Character of Storm NEBRASKA, West NEZ001>002 Sioux - Dawes 0900MST 0 0 **Heavy Snow** 13 1500MST 14 Heavy snow fell across much of the northern portion of the Nebraska panhandle. Hardest hit was the area along and near the Pine Ridge where Crawford and Chadron, NE, reported 15 to 18 inches of snowfall. NEVADA, North NONE REPORTED. **NEVADA**, South **NVZ020** Las Vegas Valley 0030PST 100K High Wind (G59) M 01 1 0 1200PST A dry cold front pushed through the Las Vegas valley with winds gusting to over 50 mph. A Las Vegas man was killed when strong winds blew his motorcycle into a center concrete median. The motorcycle then struck a light pole throwing the man from his bike killing him instantly. Strong winds over the southern part of the valley blew down power lines which started a fire inside a horse corral, killing three horses. Around town, several trees were snapped and power lines were downed along with a few homes reporting significant roof damage. M36VE NEVADA, West **NVZ002 Greater Lake Tahoe Area** 1430PST 0 0 0 Heavy Snow 05 07 1430PST Mt. Rose ski area reported heavy snow with a storm total of 26-38 inches in 48 hours at 8840 feet. **NVZ002 Greater Lake Tahoe Area** 0833PST **Heavy Snow** A A 0 07 1733PST The Washoe County Sheriffs Office station in Incline Village reported whiteout conditions, less than 1/4 mile visibility with snow falling at 2-3 inches per hour. Estimate of 8-10 inches in 9 hours and a storm total of 15-18 inches at 6300 feet. **NVZ003** Greater Reno/Carson City/Minden Area 1422PST 0 0 0 High Wind (G54) M 07 RAWS sensor north of Reno recorded a wind gust to 62 mph. **NVZ003** Greater Reno/Carson City/Minden Area 1445PST A 0 0 Heavy Snow 07 1615PST Spotter in Empire reported 4 inches of snow in 90 minutes at 4900 feet. **NVZ004** Western Nevada Basin And Range 0 150K 07 1630PST 2 Winter Storm 1700PST NHP reported a multi vehicle accident resulting in two deaths. Between 4:30 and 5:00 pm, a snowstorm hit the Fernley area reducing visibility to 1/4 mile. One semi lost control and spun out on I-80 about 6 miles east of Fernley, blocking the lanes and causing other vehicles to stop. Two sedans, a pickup, and another semi were all stopped when a third semi also lost control and was unable to stop. It overturned and crushed one of the sedans, killing both occupants. The driver was a 47 year old female from Winnemucca, NV., and her passenger was a 56 year old male, also from Winnemucca. The two sedans and pickup were totalled and two of the semis had moderate damage. Damage was estimated at \$150,000. F47VE, M56VE **NVZ003** Greater Reno/Carson City/Minden Area 0223PST 0 0 High Wind (G65) M 10 Spotter report of wind gust to 75 mph in Gardnerville. **NVZ002 Greater Lake Tahoe Area** 22 1900PST 0 0 0 **Heavy Snow** 23 0700PST Spotter in Incline Village reported 8 inches of snow in 12 hours at 6200 feet.

		Time	Path	Path	Numbe	r of	Estimated		March 20
Logation	Data	Local/	Length	Width (Yards)	Perso	ns	Damage	Character of Storm	March 20
Location	Date	Standard	(Miles)	(Tarus)	Killed	Injured	Property Crops	Character of Storin	
NEW HAMPSHIRE				a n	a w				
NHZ005>010-013>01		ern Grafton al Rockingha		n Carroll	- Sullivan -	Merrir	nack - Belknap -	Strafford - Interior	r Rockinghan
	10	0800EST 2200EST			0	0		Strong Winds	
	some w Straffor	vithout electric	al service f 1. Peak win	for up to 10 di di gusts were	hours. Most measured at 4	of the o 6 mph in	utages occurred in B	es. About 1500 custon arrington, Dover, Roch in Concord. The stron	nester, Farmingt
NHZ001-007>008	North	ern Coos - S	ullivan - N	/lerrimack					
	18 19	0900EST 1000EST			0	0		Moderate Snowfall	
		U		U			U	te snowfall to much of inches across the south	
NHZ001>010-013								outhern Grafton - S	outhern Carı
	- Sulli 20 21	van - Merrin 1300EST 1500EST	nack - Bel	knap - Stra	offord - Inter 0	rior Ro 0	ckingham	Heavy Snow	
	An area across 1 snow fe	a of low pressu much of the sta	te. The hea ounts fell in	viest amounts the Connecti	s fell in a band cut River valle	from M ey west o	errimack County thro of the White Mountai	20th brought from 5 to ugh Carroll County wh ns where snowfall amo	ere 7 to 9 inche
NIL7001			amounts we	also lighte	along the min		loast.		
NHZ001	North 23 24	ern Coos 1400EST 0700EST			0	0		Heavy Snow	
	A weak			• •				d front brought heavy	snow to the hig
NHZ001	North	ern Coos							
	26	1400EST 2330EST			0	0		Heavy Snow	
NHZ002-004	South	2550ES1 ern Coos - N	orthern C	arroll					
	26	1400EST 2330EST			0	0		Moderate Snowfall	
	the 27th accumu with sle	h brought a m lations were g eet, freezing ra	ixture of pre- enerally in in, and rain	recipitation to the 6 to 10 in , and accumu	the state. Manch range. In lations general	luch of the sout	the precipitation fell hern Coos and northe	as snow in northern C ern Carroll Counties, th Along the coast and i out 3 inches	coos County where snow was mi
	E, Southe	<u>rn</u>							
NEW HAMPSHIRE		ire - Hillsbo	rough						
					0	0		Heavy Snow	
	20	1000EST 2200EST					C 1 1 1		65.101
	20 A late s were w Jaffrey,	2200EST season winter s idely reported i	in Cheshire Hillsborou	and Hillsbord gh, and Peter	ough Counties. borough; and	Some s 8 inche	pecific totals include s in Walpole, Marlo	Hampshire. Storm total 10 inches at MacDowe w, and Keene. Totals	ll Dam; 9 inche
NHZ011>012	20 A late s were w Jaffrey, reported Several attribute Everett	2200EST season winter s idely reported i Francestown, d in Dublin, W hundred elect ed to the storm	in Cheshire Hillsborou inchester, S ric custome h. In Chest	and Hillsbord gh, and Peter wanzey, Nash ers were left erfield, a seri	bugh Counties. borough; and nua, Merrimac without powe les of accident	Some s 8 inche and Hu r. Doze s closed	pecific totals include s in Walpole, Marlo dson. ens of accidents were	10 inches at MacDowe w, and Keene. Totals e also reported, with 6 53. Traffic slowed to a	ll Dam; 9 inche of 6 inches w
NHZ011>012 NEW JERSEY, Nor	20 A late s were w Jaffrey, reported Several attribute Everett	2200EST season winter s idely reported i Francestown, d in Dublin, W hundred elect ed to the storm	in Cheshire Hillsborou inchester, S ric custome h. In Chest	and Hillsbord gh, and Peter wanzey, Nash ers were left erfield, a seri	bugh Counties. borough; and nua, Merrimac without powe les of accident	Some s 8 inche and Hu r. Doze s closed	pecific totals include s in Walpole, Marlo dson. ens of accidents were a portion of Route 6	10 inches at MacDowe w, and Keene. Totals e also reported, with 6 53. Traffic slowed to a	ll Dam; 9 inches of 6 inches w
<u>NEW HAMPSHIRH</u> NHZ011>012 <u>NEW JERSEY, Nor</u> Bergen County Teaneck	20 A late s were w Jaffrey, reported Several attribute Everett	2200EST season winter s idely reported i Francestown, d in Dublin, W hundred elect ed to the storm	in Cheshire Hillsborou inchester, S ric custome h. In Chest	and Hillsbord gh, and Peter wanzey, Nash ers were left erfield, a seri	bugh Counties. borough; and nua, Merrimac without powe les of accident	Some s 8 inche and Hu r. Doze s closed	pecific totals include s in Walpole, Marlo dson. ens of accidents were a portion of Route 6	10 inches at MacDowe w, and Keene. Totals e also reported, with 6 53. Traffic slowed to a	Il Dam; 9 inches 6 of 6 inches w 7 injuries indirec 7 crawl on the F

		Time Local/	Path Length	Path Width		nber of rsons	Estim Dam			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>NEW JERSEY, Sou</u> NJZ001-007>010- 012>026	Susse Merc	x - Warren	Glouceste	er - Camde	n - Burli	ngton -	Western	Ocean -	Monmouth - Easte Cumberland - We Drought	

31

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New Jersey entered March 2002 with considerably dry conditions and a drought warning in effect for most of the state. The northern New Jersey and New York City Reservoirs were at about 40 percent of capacity, well below normal. Most of the state's shallow groundwater wells were at the lowest levels ever for this time of year. Most of the surface streams and rivers were flowing at only about 25 percent of normal. The South River in Atlantic County ran dry. There was a record number (500) of wells being replaced throughout the state through early March. All precipitated Governor Jim McGreevey to declare a drought emergency for the state of New Jersey on March 4th. The drought emergency placed an immediate ban on non-essential use of water. Water could be served in restaurants only be request. Vehicles and boats could only be washed commercially. Grass watering was banned except in the Raritan Basin and North Coastal New Jersey (every other day). There was a limit to the amount of watering for newly seeded or sodded grass. Gardens, trees and shrubs could only be watered using a hose or watering can. Golf courses must cut back usage by 50 percent. Athletic fields could only be watered overnight. Washing of streets, roads, sidewalks, driveways, garages, parking areas and patios with potable water was banned. Only commercial power washing of surfaces permitted. Running water through fountains, artificial waterfalls and reflection pools were prohibited except to support wildlife. Flushing of sewer lines with potable water was banned. Pools, hot tubs and jacuzzis can be filled as long as they have the consent of the local water provider. Any pool drained prior to March 11th could be refilled and a pool could be drained (for repairs) and refilled once. Major water consumers (>200,000 gallons a day) must develop contingency plans for incremental reductions to 50 percent. Water companies serving more than 10,000 people have to make sure the equipment that allows them to transfer water to other providers is working properly. Water releases from Lake Hopatcong was reduced from 7.5 to 4.4 million gallons per day to maximize water storage. There was a moratorium of new water allocation registrations to businesses seeking to use 100,000 gallons a day. This was extended to requests for any developments as small as two homes. Water was being pumped from central (Raritan Valley) New Jersey to help northeast New Jersey.

Along with the water restrictions came a ban on controlled burns as the Forest Service was heading into what usually is the start of the spring fire season. Recreational fires and open burns had to be coordinated with the New Jersey Forest Fire Service. Only outdoor barbecues and religious ceremonies that involved a fire were not banned. The unseasonably dry weather continued the fire season through the winter. The Forest Service responded to 1,116 wildfires between October 1, 2001 and March 25th, the most in 30 years. The drought not only could cause fires to spread quicker, but the streams and ponds used by the firefighters as water sources were drying out. Brooks and swamps that normally act as natural barriers to fire were running low. The drought can also prolong underground turf fires that can burn for days.

Effects of the drought on individual counties included in Sussex County, one well company had 200 well deepening contracts on back order. Well problems occurred in at least five townships. In Warren County, Christmas tree farms were showing stress. In Morris County, Roxbury Township issued a moratorium on all new water connections. In Hunterdon County, drought emergencies were declared (Raritan Basin) in Clinton and Glen Garden Boroughs. Wells were running dry in Hampton Borough and Cherryville. There was an eight week waiting list for drillers. In Ocean County, Brick Township may cancel the spring little league and soccer seasons because a total watering ban of athletic fields was in effect. In Burlington County, there was a seven week back log for deepening wells. In Atlantic County, wells were being replaced at twice the rate of 2001. In Cumberland County, irrigation ponds were dry. In Cape May County, the salt water line had moved north about 300 feet since last year and was under Lower Township. Once salt water infiltrates a well, it becomes brackish and unusable. There are about 9,000 private wells in Lower Township.

The drought had other affects across the area. Sprinkler system, garden centers, pond design, pool companies, landscapers and wholesale nurseries were expected to suffer because of the restrictions. Some frogs and salamanders are not expected to reproduce this year because most of the 3,000 to 5,000 vernal (winter) pools they lay their eggs in are dry. Wildlife in general was expected to be threatened by higher concentrations of lawn chemicals, pesticides, septic runoff and pollutants in the streams. A farmer's fish population died after he pumped water from the Manasquan River into his pond. The trout restocking went as scheduled, but the state avoided stocking them in smaller streams and brooks. Due to the lack of feed and warm weather there have been more nuisance bear sightings and deer have damaged more of the corn and alfalfa crops. The high number of acorns left on the ground led to a boom in the wild turkey population. Lower ground water levels led to poorer water quality that needed further treatment. Laundromat businesses were booming because people were afraid of running out of well water. Commercial car washes were also doing well. New golf course openings may be cancelled or postponed in Hunterdon and Mercer Counties. The winter wheat crop was suffering. The spring allergy season started earlier and stronger because of the dry, warm weather. The low level of Lake Hopatcong was expected to harm the local economy. The Budweiser Plant in Newark had to start using water from the Raritan River instead of the Wanaque Reservoir. The lack of standing water was expected to diminish the impact of mosquitoes and West Nile Disease.

The Delaware River Basin Commission, which oversees water supply throughout the Delaware River Basin declared a "drought" on December 3rd when the supply of water in the New York City reservoir system dropped below a designated level for early December. The commission declared a drought emergency on December 18th. Both triggered additional reductions in the amount of water released from the reservoirs into the Delaware River and the amount diverted out of the Delaware River Basin to New York City and New Jersey. Diversions to New York City dropped from 800 million gallons a day to 520 million gallons a day. The emergency

		Time Local/	Path Length	Path Width		nber of rsons	Estim Dam			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	

NEW JERSEY, South and Northwest

And Commenter

declaration gave the commission the power to restrict the amount of water suppliers could draw from the basin. It gave the commission the authority to take water from municipal reservoirs to maintain river levels. It could also call for water releases from federal, state and privately owned reservoirs. Water from Lake Nockamixon, the F.E. Walter Reservoir and Lake Wallenpaupack could be used to maintain river levels. They were last used for this purpose in the 1960s. The releases help protect the riverbank and aquatic life and also prevents salt water from flowing up the Delaware River. Salt water intrusion causes corrosion problems for industries and increases water treatment costs for municipalities that depend on the river for their water supply. Maintaining river levels are also important for groundwater reserves that are recharged by the river itself. On March 1st, the salt front along the Delaware River was five miles farther upstream than normal. The emergency declaration also gives the commission the power to request that utilities and other companies that use more than one million gallons of water a day to prepare contingency plans to use less water and submit the plans to the commission.

Conditions improved in New Jersey as the month wore on. Precipitation events on March 2nd and 3rd, 13th, 17th and 18th, 20th, 26th and 31st resulted in above normal precipitation for most of the state. The March 2nd and 3rd precipitation event was the heaviest event in some locations since September of 2001. This was the first month since June of 2001 that the statewide average monthly precipitation (4.35 inches preliminary average) was wetter than normal (4.17 inches). On a county weighted average, March monthly precipitation totals ranged from 3.0 inches in Sussex County to 4.8 inches in Atlantic County. Monthly precipitation totals were 4.21 inches in Trenton and 5.61 inches at the Atlantic City International Airport. Soil moisture in farms reached down to about 10 inches by the end of the month. Reservoirs and groundwater levels started to improve, but were still below normal. Most are normally near capacity by the end of the month. The Northern New Jersey reservoirs increased from 32 to 40 percent to 48 percent of capacity during the month. The Spruce Run Reservoir in Hunterdon County increased from 32 to 40 percent of capacity. In Monmouth County, the Swimming River Reservoir was overflowing and the other its two reservoirs were up to about 85 percent of scapacity. A monitoring groundwater well in Hunterdon County rose five feet during the month. The New York City Reservoirs which feed the Delaware River increased from 39.3 percent of capacity on March 1st to 50.2 percent of capacity on April 1st. The salt front on the Delaware River was only 2 miles farther upstream than normal on April 1st. But, average flow for the major streams and rivers were still only about 50 percent of normal.

Hunterdon County						
Lambertville to Reaville	02 03	2100EST 0300EST	0	0	0	Heavy Rain
Mercer County						
Washington Crossing to Mt Rose	02 03	2100EST 0300EST	0	0	0	Heavy Rain
Morris County						
Countywide	02 03	2100EST 0300EST	0	0	0	Heavy Rain
Somerset County						
Far Hills to Blawenburg	02 03	2100EST 0300EST	0	0	0	Heavy Rain
	early n precipi heavies occurre betwee The ra Gillette	pressure system that developed along the Gu norning of the 3rd and brought a significant itation event since either August or Septemb st rain fell across northern Mercer, southern F ed, but streams were running so low prior to en 5 p.m. and 8 p.m. EST on the 2nd. The he in ended by daybreak on the 3rd. Specific sto e (Morris County), 1.48 inches in Neshanic iches in Flemington (Hunterdon County).	precipitation of 200 Hunterdon, the rain the aviest rain form totals	on event for New Je 1. Storm totals aver western Somerset ar at they did not flood fell between 900 p.1 included 1.52 inches	ersey. In raged beand Morri . Rain sp m. EST of s in Long	most locations, it was the wettest single tween 0.50 inches and 1.50 inches. The is Counties. Some poor drainage flooding pread from south to north across the state on the 2nd and 300 a.m. EST on the 3rd. g Valley (Morris County), 1.49 inches in
Monmouth County						
Spring Lake	04	1600EST	1	0 0	0	Heavy Surf
	The 28	surf, that was caused by the weekend low pre- B-year-old male surfer was surfing by himself hat afternoon and his body was pulled from the	off of the	Lorraine Avenue Be	each in S	
Warren County						
Countywide	10	0100EST 0115EST	0	0		Thunderstorm Wind (G50)
		of strong to severe thunderstorms moved thro ew trees were knocked down throughout the c				
Sussex County Montague to Fredon	10	0105EST 0120EST	0	0		Thunderstorm Wind (G50)

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Person Killed Iı		Estimat Damag Property		Character of Storm	March 200
NEW JERSEY, South	and	Northwest								
	A line				-		•		ight EST on the 10th. The	e worst reporte
Morris County Dover	10 A seve	0135EST ere thunderstorr	n tore down	numerous larg	0 ge limbs in Dov	0 ver Tow	n. Most of th	e town l	Thunderstorm Wind (ost power overnight.	G50)
NJZ001-007>010-012- 014>026	Glou		den - Burl	ington - W	estern Ocea	n - Cu			rn Monmouth - Merc ern Atlantic - Western Wind	
NJZ013		1900EST ern Monmou 0400EST 1900EST	ıth		0	0		0	High Wind	
	thunde midnig intense into th worst an apa at the	erstorms accom ght. The surfac e low pressure he early evening reported wind our urtment building New Point Con	panied its p e pressure di system (arou g of the 10th damage occu g and knocke nfort Fire Co	assage and p ifference (pre und 970 millil . As the high rred in Keans d down sever pompany. They	roduced some ssure gradient) pars) just east of pressure syste burg in Monm al power lines.	wind da betwee of Jame m move outh Co Forty p ed to ret	amage on its in a high pre is Bay produced closer to Nounty. At 515 people were e urn to the bu	own in ssure system ced more New Jers a.m. ES vacuated iilding la	he winter season on the 1 the northwest part of the stem in the Mississippi Va e windy conditions from ju ey late in the day, winds of T the winds tore off a sec l from the building, severa ter that evening. Elsewher n Township and caused or	state just aft illey and a ve ist before daw diminished. The tion of a roof of l were shelter e in Monmou
	Moun Hook May I	tain (Sussex Co (Monmouth Co Harbor (Cape M	ounty), 48 mp ounty), 45 m Iay County),	oh in Atlantic ph at the Atla 41 mph on l	City (Atlantic ntic City Inter Long Beach Isl	County) national land (Oc), 47mph in M Airport and cean County)	Aountain Lumber), 40 mp	(Monmouth County), 49 Creek (Sussex County), 4 ton (Burlington County), 4 h in Trenton (Mercer Cou umberland County).	6 mph in Sand 43 mph in Caj
Ocean County Bayville	10	1415EST			0	0		0	Wild/Forest Fire	
Dayvine	Two s helpec Boule Boule	1715EST separate marsh spread the fire vard as a brush	es quickly. B fire, but stro l the evacuat	oth occurred ng winds help ion of the Wi	ville section o during the afte bed spread it. T	f Berke ernoon a he fire o	and within a damaged the	p (Ocea mile of deck and	n County). Strong gusty r each other. The first fire of a parts of the exterior of or fire occurred on Sloop Cr	occurred on Ba the house on Ba
Monmouth County Port Monmouth	10	1700EST			0	0	0	0	Wild/Forest Fire	
	section fire ar	n of Middletow	n Township lose to sever	around 5 p.m al houses on	. EST. The fir	e began	near Main S	Street an	200 acres of brush in the d Broadway. The strong w out 100 firefighters fought	inds fanned th
NJZ001-007>010-012- 015-017>019	Susse	ex - Warren -	Morris - I	Hunterdon	- Somerset -	Middl	esex - Mer	cer - G	oucester - Camden - H	Burlington
	afterne 3 p.m. Count 18th. EST a Precip averag 17th. from a	boon of the 17th EST and 4 p.r. ies. After 8 p.r. Accumulations nd fell moderati itation fell as j ged 1 to 3 inche Sleet began mix around 6 a.m. I	through the n. EST on th n. EST precip were under a tely at times. blain rain fro s. Across Ma ting in after r EST onward	afternoon of t e 17th. Precip pitation fell as an inch. Acro The change om the early orris, Warren nidnight EST on the 18th,	he 18th. In Glo bitation was mit a mainly rain w ss Mercer Coun- to sleet and pla morning on the and Sussex Co- with pockets of but a mixed ba	bucester ixed with with som nty and ain rain e 18th up punties, of freezing ag of pr	, Camden an h some rain e sleet mixec the Raritan I took longer auntil it endec snow began ng rain in sou recipitation p	d Burlin, and sleet l in from River Ba as mixed d during falling b ne of the ersisted	Wintry Mix west of the New Jersey Tu gton Counties snow began from the start in Camden time to time into the early sin, snow began between 4 precipitation fell through that day. Snow and slee etween 6 p.m. EST and 9 p higher terrain valleys. Pla throughout the day across as averaged 1 to 2 inches	falling betwee and Glouceste morning of the p.m and 6 p.n but the evening t accumulation b.m. EST on the in rain occurrent Sussex Count

		Time Local/	Path Length	Path Width	Numb Pers		Estin Dan			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
NEW JERSEY, Sou	th and I	Northwest								
,	event in the slippe	occurred on a Su 60s north and th	e 70s south verpasses w	. This probabl	y helped kee	p road s	urfaces relat	ively warr	es from the 14th through n and ice free throughou Sussex County. Most of	at this event. Some
	inches Bruns	in Pennington (wick (Middlesex	(Mercer Con County), 1	unty) and Roc .0 inch in Mor	kaway (Mor ristown and	ris Cour Long Va	nty), 1.8 inc alley (Morri	hes in Wa s County),	in Lambertville (Hunto ntage (Sussex County), Belvidere (Warren Cou Shade (Burlington Cour	1.4 inches in New inty) and Princeton
	eastern feet of during heavie since	n Canada and no f our atmosphere the morning of est precipitation	orthern New e. Meanwhil the 17th. It remained fro	England on the a weak low moved eastwater of the Philade	ne 17th and l pressure sys ard off the C elphia suburt	nelped lo tem deve arolina c os and so	ock the cold eloped on the coast on the uthern New	air in plac ne old cold 8th. Becau Jersey sou	older air. A high pressun e, especially at and with l frontal boundary in the use the low was so far s uthward with this event. scour the cold air from	in the lowest 5000 e Tennessee Valley outh and weak, the On the other hand,
NJZ001-008	Susse 20	ex - Morris 0300EST			0	0		0	Snow	
	over th and lo over th Morrise (Susse respor	he higher terrain wer elevations, j he higher terrain s County, Moun ex County) and	and the pre- precipitation before day t Olive Tow 3.5 inches gher terrain	ccipitation inte fell as mainly /break on the vnship dismiss in Wantage snow moved	nsity was he y rain. In Su 20th. Precip sed school c (Sussex Co from southe	eavy eno ssex (Su itation c hildren e unty). N rn Texas	ugh to have ssex County hanged to r early. Specia to serious a s on the 19t	precipitati), New Jer ain before fic accumu accidents	e 20th. There was enoug ion fall as snow. Meanw rsey the entire event was it ended in the afterno ilations included 4.5 ind were reported. The low t into the Ohio Valley	while in the valleys s rain. Snow began on on the 20th. In ches in High Point v pressure system
NJZ001-007>010- 012>026	Susse Merc West 21	ex - Warren - er - Salem - ern Cape Maj 1900EST	Morris - Glouceste	Hunterdon er - Camde	- Somerson n - Burlin	et - Mie gton -	ddlesex - ` Western	Ocean -	Monmouth - Easter Cumberland - Wes Wind	
NJZ013	22 West 22	0600EST ern Monmout 0100EST	th		0	0		0	High Wind (G51)	м
	A stro inland strong intens includ mph a Some	ng cold front me and around clo est wind gusts o ified after midn ed 59 mph in Ka t the Cape May	ser to 50 m occurred wi ight EST au eansburg (M Ferry Termi County), 3	ph along the s th the cold fr nd peaked at Ionmouth Cou inal (Cape Ma	during the e shore. The sto ontal passag between 45 unty), 55 mp y) and the A	vening c rong gus e and du and 60 h in San tlantic C	sty winds po tring the en mph during dy Hook (M city Internati	t was according to the early the early on th	mpanied by wind gusts roughout the night. In in ning. But, along coastal morning of the 22nd. County) and Barnegat (ort, 39 mph in Sussex (S Trenton (Mercer Count	of around 40 mph nland locations the areas, wind gusts Peak wind gusts Ocean County), 43 ussex County) and
Gloucester County										
National Park	22 A wild	0700EST 1500EST lfire destroyed a	bout 10 acre	es of brush in l	0 National Par	0 c (Gloue	0 ester Count	0	Wild/Forest Fire	
Gloucester County		anie destroyed a	0041 10 4010			(Cloue	ester count	,,.		
Thorofare	24	0700EST 1500EST			0	0	0	0	Wild/Forest Fire	
	wild a	dfire destroyed of			1			0	ntributed to the increase res in the county as con	
NJZ001	Susse 26	ex 0700EST			0	0			Ice Storm	
		2000EST	system mos	ved across sor			25th and w	vas centere	d just northwest of Ma	ine the morning of
	the 26	th. It pumped u	nseasonably	cold air into	Sussex Cour	nty New	Jersey and	temperatur	res early on the 26th we ee Valley on the 26th.	ere below freezing.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estin Dan Property		Character of Storm	March 2002
NEW JERSEY, South	and I	Northwest				5		•		
	warme fall as 26th. northw roadw surfac 26th, t	er air aloft aboy rain, as it react It changed quic vest part of the ay conditions es wet and not	hed the surface ekly to rain in e state. Since were reported icy. But, arout e system was	ce, it froze on a many of the e most of the d in good sha und one-quarte nearing the ar	contact. Pre warmer va precipitatio ape. The in er of an incl ea and pulle	ecipitatior lleys, but on fell dur direction h of ice d ed in enou	a started as persisted in ring the day insolation id accrue o ugh warm at	freezing ra nto the ear y and air t through th n other exp	was warm enough aloft in with some sleet arou ly evening across the h emperatures were fairh he clouds was enough posed surfaces. In the e Atlantic Ocean to char	and daybreak on the nigher terrain in the y close to freezing, to keep most road arly evening on the
NEW MEXICO, Cent			NT (I					р,		
NMZ001>021-026	Moun Gran Lake Coun Plain 01 31 Dry la	ntains - Nor de Valley - /Guadalupe nty High Pla s - Roosevelt 0001MST 2359MST te winter and e	theast Higl Sandia/M - Quay - S ins/Hondo - Curry - G arly spring co	hlands - Ha Janzano Mo Southwest M Valley - C Guadalupe J onditions conti	rding - F ountains Mountains apitan/No Mountain 0 nued to rais	Far Nort - Centr s/Upper orthern f s Of Ch 0 se fears of	theast Pla al High Gila Reg Sacramen aves Cour an early ar	ins - Wo Plains/E gion - Lo nto Moun nty nd extended	Grande Valley - Se estcentral Mountain stancia Valley Con ower Rio Grande V ntains - De Baca - Drought d fire weather season, w armers were gearing up	ns - Middle Rio unty - Conchas Valley - Lincoln Chaves County
		rst waterings of	•	rcent of norm	al threatene	d a lack o	1 irrigation	water as Ia	armers were gearing up	for planting season
NMZ005-008-011>012- 016>017									Stancia Valley Co thern Sacramento I High Wind (G52)	Mountains
	uncon and a over th	winds swept trollable blazes school bus on	. Six people Interstate 40 sibility was e	died and 17 of near Cuervo stimated at ne	thers were i in Guadaluj ar zero for a	njured in pe County ibout a qu	a chain rea where win arter mile a	ction crash nds carried long the hi	ving dust and whippin a involving 14 cars, sev l smoke from an accide ighway during the peak n off the road.	eral tractor trailers ental fire northward
Lincoln County										
5 E Alto to 7 NE Alto	24 26	1330MST 1800MST			0	0	5M		Wild/Forest Fire	
/ NE AIU	Winds						ving wildfir	e that con	sumed 12,000 acres an	d 20 homes before
NEW MEXICO, South	h Cen	tral and So	uthwest		-					
		E REPORTED.								
NEW MEXICO, South	heast									
NMZ028	Eddy 08 NWS and b		ed a multi veł hich signific	antly lowered	visibilities	. Damag	e amounts	are estimation	High Wind (G58) The collision was the ratedand no injuries v	
NEW YORK, Central										
Steuben County Countywide	09	2100EST 2200EST			0	0			Thunderstorm Win	nd (G60)
Yates County	Nume	rous trees and v	vires down co	ountywide inc.	luding Horn	iell and A	ddison.			
Friend to Starkey	09 Trees	2130EST 2200EST	down Alac	reported in N	0 filo Center	0			Thunderstorm Win	nd (G60)
Seneca County	rices	and power line	s down. Aisc	reported in N	mo center.					
Countywide	09 Scotto	2140EST 2220EST	nall limba d	wn on normal 1	0	0			Thunderstorm Win	nd (G60)
	scatte	red trees and sr	nan minds do	wit on power l	mes.					

		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage		March 200
location	Date	Standard	(Miles)	(Yards)		Injured	Property Crops	s Character of Storm	
EW YORK, Centra	1								
Cayuga County	=								
Countywide	09	2200EST 2210EST			0	0	5K	Thunderstorm Wir	nd (G60) ^M
		ered trees and sing torn off house		own on wires	countywide.	60 mph	wind measured i	n Weedsport. Also in W	eedsport aluminu
Schuyler County	100111	ig torn on nouse	•						
Countywide	09	2200EST 2225EST			0	0	5K	Thunderstorm Wir	nd (G60)
			•	e but mostly	in Cayuta and	l Odessa.	House damaged	in Cayuta with minor dat	nage to 2 skylig
Chemung County	and n	umerous shingle	-8.						
Countywide	09	2210EST 2245EST			0	0		Thunderstorm Wir	nd (G60)
	Nume	erous trees and v	vires down co	ountywide.					
Tompkins County									
Countywide	09	2215EST 2245EST			0	0		Thunderstorm Wir	nd (G60)
	Trees	and wires down	countywide						
Tioga County									
Countywide	09	2245EST 2305EST			0	0		Thunderstorm Wir	nd (G60)
	Trees	and wires down	countywide						
Oneida County		2300EST			0	0	25K	Th	
Countywide	09	2330EST		1 1				Thunderstorm Wir	. ,
Development Constant	Wides	spread wind dan	hage to trees	and power III	ies countywid	le. Struct	ural damage to ho	uses and businesses in Ro	me at 23:15 EST
Broome County Countywide	09	2315EST			0	0		Thunderstorm Wir	d (C60)
Countywhee	09	2345EST			U	0		Thuhucistorin wh	lu (000)
	Trees	and power lines	down count	ywide includi	ng Vestal and	l Binghan	nton.		
Cortland County					•	•			
Homer to Cincinnatus	09	2315EST			0	0		Thunderstorm Wir	nd (G60)
	Trees	and power lines	down in Ho	mer and Cinc	innatus.				
Chenango County									
Countywide	09	2325EST 2355EST			0	0		Thunderstorm Wir	ıd (G60)
	Trees	and power lines	down count	ywide includi	ng Afton, Bai	inbridge,	Coventry, and Gui	lford.	
Otsego County	00	2350EST			0	0		Thur donatown Wir	J (C(0))
Countywide	09 10	2550ES1 0020EST			0	U		Thunderstorm Wir	la (G0V)
	Trees,	, power lines, an	d poles down	n including U	nadilla, Midd	lefield, O	neonta, and Spring	gfield.	
Delaware County									
Countywide	10	0000EST 0030EST			0	0		Thunderstorm Wir	nd (G60)
a w	Nume	erous trees and v	vires down.						
Sullivan County	10	004 5 567			Δ	0		Thund 117	
Monticello		0045EST and wires down				0		Thunderstorm Wir	ia (G6V)
	Dama	ige occurred wit	h a squall lin	e of severe th	understorms a	as a strong	g cold front moved	l through the region.	
NV7000 037	Nort	hern Onedia	- Southern	Oneida					
NYZ009-037									

A cold west to east whild down the length of Lake Ontario brought take effect show into central and northern Oneida County. The lake effect band of snow moved south into the county during the afternoon of the 10th. The band remained nearly stationary the night of the 10th into the 11th from Camden to Holland Patent. The band of snow lifted back north as it diminished in intensity late morning to early afternoon on the 11th. Snowfall totals in central and northern Oneida County were 6 to 12 inches. Most locations south of Oneida Lake and the New York state thruway had less than 6 inches.

		Time	Path	Path	Numb		Estimated		March 200
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property (Crops Character of St	torm
NEW YORK, Centra	al								
NYZ009-037		hern Onedia -	Southern	Oneida					
	20	0500EST 2100EST			0	0		Heavy Snow	
	of the highe	e low on the bac	k side of a meida Cour	high pressure ty. At lower	e area in Nev elevations sr	v Englan lowfall a	nd. The greates	st snowfall amounts of	outheast flow set up ahea 6 to 9 inches were at th above freezing. The snow
NYZ009	Nort 22	hern Onedia 1300EST			0	0		Heavy Snow	
	22	0400EST			U	U		neavy Show	
	towar Snow obser weak	d evening. The fall amounts wer ver in Boonville. ened early on the	flow was w e mostly be He report 23rd. War	vest to east d etween 6 and ed a 24 hour s mer air move	own the enti 12 inches. T snowfall amo d in combine	re length ne greate unt of 23 1 with w	of Lake Ontar est snowfall amo 3.3 inches at 10 inds backing to	io. Snowfall rates we bunt by far was reporte AM. The band lifted n the southwest.	2nd. The band intensifie re up to 2 inches an hou d by the NWS cooperativ orth out of the county as
NYZ009-036>037- 045>046-056>057	Nort	hern Onedia -	Madison	- Southern	Oneida - (Chenan	go - Otsego -	Broome - Delaware	2
	26	0700EST 2300EST			0	0	40K	Ice Storm	
Broome County	below reside	freezing late in ents lost power. a	the afterno	on and early	evening. Tr Over 1,000	ees and v residents	wires were dow s still had no po	ned by the weight of t wer two days later on t	e freezing only to fall bac he ice. More than 10,00 he afternoon of the 28th.
Vestal to Kirkwood	26	1853EST 2200EST			0	0	5K	Flash Flood	
	The C floodi		flooded in	Vestal. The	Stratton Mill	Creek f	looded in Kirky	wood. The city of Bir	nghamton had urban stree
Delaware County		1020555			0	0			
Davenport	26 The (1929EST 2330EST Thomas Creak in	the torum o	f Dovionnort v	0	0 hombo fle	o din o country n	Flash Flood	
Otsego County	The C	Charlotte Creek in		Davenport	vas out of its	Ualiks II	boung county i	oute 11.	
Emmons	26	1929EST 2330EST			0	0		Flash Flood	
	Flash in a 1 inche River the 2	2 hour period du s with water equi- also flooded on 6th. That evening	e to an inch tring the da ivalents less the 27th an- ng the low	and a half to y on the 26th s than an inch d 28th. The r moved to Er	. The rain fe a. Creeks and ain was caus ie, Pennsylv	ell onto a d streams ed by a s ania befo	a saturated snow s flooded in the strong slow mov ore picking up	v covered ground. Sno e area the evening of the ving surface low in We	rain. Most of the rain fe we depths were only a few the 26th. The Susquehann st Virginia the morning of the morning of the 27th
NYZ045-055>056	Chei 27	nango - Tioga 0630EST	Broome		0	0		Flood	
	28 Mino a half fell or strear on the Susqu PM o flood	2200EST r flooding occurr inches of precipi nto a saturated sn ns flooded in the e 27th. The rive heanna River at n the 27th. The	tation most ow covered area the ev r at Bainbri Conklin ros stage at Co at 8 AM o	ly in the form l ground. Sno ening of the 2 dge crested a te to flood sta nklin fell belen n the 27th. T	iver in New of rain. Mo w depths we 26th. The Su t 13.47 feet 9 ge of 11 feet ow flood stag	York on st of the re only a squeham PM on at 6:30 P ge at 10 I	rain fell in a 12 few inches with na River at Bain the 27th then f PM on the 27th. PM on the 28th	th. This was due to an hour period during the h water equivalents less nbridge rose to flood st cell below flood stage a The river at Conklin c . The Susquehanna Ri	inch and a half to two and day on the 26th. The rai s than an inch. Creeks an age of 13 feet at 8:30 AM at 6 AM on the 28th. Th rested at 12.13 feet at 7:4 ver at Waverly rose to th le 27th before falling bac

Location Leader Leader Leader Damage Damad			Time	Path Longth	Path	Numbe		Estimated		March 2002
Orage County Greenwille Mark 10 0 128/57 0 0 Tunderstorm Wind (G52) As line of thunderstorms weep cast across the region, scattered severe thunderstorms produced high winds that downed many tree into power lines at several locations including Greenville. Middletown, and Warwick. Norther Stratuge - Washington - Southern Stratuge - 100 50K High Wind NT2/041-043-0430 Northern Stratuge - Washington - Southern Ostanday, March 3rd. In Stratuge - Washington - County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were blown down in the tow or Combrid Washington County, trees and wires were produced a strong souther flow across castern New York on the evening of March 5. The Testern Thew York on the evening of March 5. The Stational Washington County, a very letter letter were many strees and wires were produced and were were produced on and acht go tow in Warm and Washington County. In Statuge County, A very letter letter were many Strees and were were produced on the County A strees and trees were produced on a county. A were letter letter were many flow across castern County, wing agare tree fill on to a county or the strees and were were region at the tow or the strees and were were region to the county. The strees and were were region to the strees and twere were county dow and the county of the str	Location	Date		-				-	os Character of Storm	
Growmille to Warvick 10 0.125EST 1014SET 0 0 Thunderstorm Wind (GS2) NEW YORK, East NYZ041-043-050 Contern Saratoga - Washington - Southern Saratoga - Bandon Saratoga - Washington - Southern Saratoga - Washington County, trees and visco swee blow and form, produced deruncively strong non-convective wind guess areas Saratoga and Washington County, trees and visco swee blow and on a non-constructive wind guess areas Saratoga and Washington County, trees and visco swee blow and one in Haffmoon and numerous trees and wisco swee blow and one in Carino II. Washington County, trees and visco swee blow and one in the town of Cambridge. NYZ032-041-0403-047 0 0 224K High Wind (C64) *' High Wind (C64) *'	NEW YORK, Coastal									
Warvick 0134EST As a line of thunderstorms swept east across the region, scattered severe thunderstorms produced high winds that downed many tree onto power lines at several locations including Greenville, Middlerown, and Warvick. NEW YORK, East NZ2041-043-050 Northern Saratoga - Washington - Southern Saratoga NZ2039-041>043-047 Northern Saratoga - Washington - Southern Saratoga - Marving non-concervice wind prote comes and wires were blown down in the town of Campon Green and wires were blown down in the town of Campon Green and wires were blown down in the town of Campon Green and wires were blown down in the town of Cambridge. NY2039-041>043-047 Putton - Northern Saratoga - Warren - Washington - Schoharie - Southern Saratoga - Western Columbia Green and Washington County, trees and wires were blown down in the town of Cambridge. NY2039-041>043-047 Outon - Northern Saratoga - Warren - Washington - Schoharie - Southern Saratoga - Western Columbia from mored across the region shortly after midingh from toproduce and engage across a few ording a more final and rund the city of Saratoga Springs. In Schoharie County, a vary large tree fell onto a cabin, damagin from approduce of the damage across a few ording County, a vary large tree fell onto a cabin, damagin torn, destroyed a boar repair basines, nine basis and two nearly cabins. In Faitoga County, a vary large tree fell onto a cabin, damagin the run of Saratoga Springs. In Schoharie County, a vary large tree fell onto a cabin, damagin the run of schoharie County, a large tree fell onto a cabin, damagin the run of schoharie County, a large tree fell onto a cabin, damagin the run of schoharie County, a large tree fell onto a cabin, damagin the run of Sures, Mintense To Northern Saratoga + Western County, Oware County, a schoharie County, a run		10	0120ECT			0	0		1 1 1 1 1 1 1 1 1 1	1 (0.52)
VEW YORK, East NZ2041-043-050 Northern Saratoga - Washington - Southern Saratoga G 1 648EST Southern Saratoga - Southern Saratoga G 1 648EST Southern Saratoga - Southern Saratoga G 1 648EST Southern Saratoga - Southern Saratoga G 1 648EST NJ Control of showes, right abaed of a powerful colf from, produced destructively strong non-convective wind gusts across Suratoga an Washington Counties, late on the afternoon of Sunday, March 3rd. In Saratoga County, wind gusts blev a nord of a house in Halfmoon and numerous trees and wires were blow down in Contrint. I Washington County, trees and wires were blown down in the town of Cambridge. NYZ039-0412-043-047 Futors - Northern Saratoga - Warren - Washington - Schoharie - Southern Saratoga - Western Columbia G 0 0 0 2300EST No model (S 1) 0 0 0 224K High Wind (Gd 0 3' The presure gradient between deep low pressure over Outaris, and high pressure of the southeast costs, produced a strong southeft from produced some damage across a few counties. Law enforcement personnel reported a hore strong sheed of and along th from produced some damage across a few counties. Law enforcement personnel reported a hore will be down in and acround the city of Saratoga 2000FST NYZ033-039-041-051 Hamilton - Northern Saratoga - Western Albary - Western Greene - Western Uster United Strong 4 host regin bubinses, finite boass, and two anary cabins. In Folton County, a large tree foll onto a how in Philonet, causing structur damage to the roof and atric of the house. In Lake Greenge, Warren County, downel electrical and get the roof and to a pressure developed in the Ohio Valley early on March 20th. The low then tracked east and get Albary NY. VZ033-039-041-055 Ha		10				U	U		I nunderstorm win	id (G52)
NEW YORK, Enditive Northern Saratoga - Washington - Southern Saratoga Northern Saratoga - Washington - Southern Saratoga - Maren - Washington - Southern Saratoga - Wastern - Washington - Southern Saratoga - Wastern - Washington - Southern Saratoga - Wastern - Washington - Southern -				-		-			produced high winds that o	downed many trees
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Inches at Platte Clove in Greene County. The snowstorm produced quite a few vehicular accidents. However, no other significar problems were reported to the National Weather Service office at Albany, NY. NYZ032>033-039-042- 047>048 Northern Herkimer - Hamilton - Fulton - Warren - Schoharie - Western Schenectady 26 1800EST 2359EST 0 0 62K Winter Storm A low pressure area deepened as it tracked just to the lee of the Appalachians in both Pennsylvania and New York on March 26. This storm had a copious supply of moisture associated with it. Cold air, damned on the east side of the mountains, held its ground, which produced an extended interval of frozen and freezing precipitation across Warren, Herkimer, northern Hamilton as well as the elevated portions of Fulton, Schoharie and Schenectady counties. Around an inch of water equivalent accumulated in these areas. In addition, North Creek in Warren County reported 6.5 inches of snow, followed by sleet and some power lines in these areas. In addition, North Creek in Warren County reported 6.5 inches of snow, followed by sleet and freezing rain. At the height of the storm, over 17,000 customers lost electrical power, more than 7,000 in Fulton County alone. NEW YORK, North NYZ034>035 Western Essex - Eastern Essex (03) 1600EST (0) 0 0 10K High Wind		higher	r terrain of the C	Catskills and	Western Adir	odonacks as v	ell as t	he northern rim of	the Mohawk Valley. Som	ne specific snowfa
NYZ032>033-039-042- 047>048 Northern Herkimer - Hamilton - Fulton - Warren - Schoharie - Western Schenectady 26 1800EST 0 0 62K Winter Storm A low pressure area deepened as it tracked just to the lee of the Appalachians in both Pennsylvania and New York on March 26. This storm had a copious supply of moisture associated with it. Cold air, damned on the east side of the mountains, held its ground, whic produced an extended interval of frozen and freezing precipitation across Warren, Herkimer, northern Hamilton as well as the elevated portions of Fulton, Schoharie and Schenectady counties. Around an inch of water equivalent accumulated in these areas with the precipitation falling mostly as a mixed bag of snow, sleet and even freezing rain. This scenario resulted in about a half to a inch of ice buildup across portions of these counties. The build up of ice, exasperated by 35 mph winds, brought down many tree and some power lines in these areas. In addition, North Creek in Warren County reported 6.5 inches of snow, followed by sleet an freezing rain. At the height of the storm, over 17,000 customers lost electrical power, more than 7,000 in Fulton County alone. NEW YORK, North NYZ034>035 Western Essex - Eastern Essex 03 0 0 10K High Wind										
047>048 26 1800EST 2359EST 0 0 62K Winter Storm A low pressure area deepened as it tracked just to the lee of the Appalachians in both Pennsylvania and New York on March 26. This storm had a copious supply of moisture associated with it. Cold air, damned on the east side of the mountains, held its ground, whic produced an extended interval of frozen and freezing precipitation across Warren, Herkimer, northern Hamilton as well as the elevated portions of Fulton, Schoharie and Schenectady counties. Around an inch of water equivalent accumulated in these areas with the precipitation falling mostly as a mixed bag of snow, sleet and even freezing rain. This scenario resulted in about a half to a inch of ice buildup across portions of these counties. The build up of ice, exasperated by 35 mph winds, brought down many tree and some power lines in these areas. In addition, North Creek in Warren County reported 6.5 inches of snow, followed by sleet an freezing rain. At the height of the storm, over 17,000 customers lost electrical power, more than 7,000 in Fulton County alone. NEW YORK, North NYZ034>035 Western Essex - Eastern Essex 03 0 0 10K High Wind					•	1		1		io ouler significan
261800EST 2359EST0062KWinter StormA low pressure area deepened as it tracked just to the lee of the Appalachians in both Pennsylvania and New York on March 26. This storm had a copious supply of moisture associated with it. Cold air, damned on the east side of the mountains, held its ground, whice produced an extended interval of frozen and freezing precipitation across Warren, Herkimer, northern Hamilton as well as the elevated portions of Fulton, Schoharie and Schenectady counties. Around an inch of water equivalent accumulated in these areas with the precipitation falling mostly as a mixed bag of snow, sleet and even freezing rain. This scenario resulted in about a half to a inch of ice buildup across portions of these counties. The build up of ice, exasperated by 35 mph winds, brought down many tree and some power lines in these areas. In addition, North Creek in Warren County reported 6.5 inches of snow, followed by sleet an freezing rain. At the height of the storm, over 17,000 customers lost electrical power, more than 7,000 in Fulton County alone.NEW YORK, North NYZ034>035Western Essex - Eastern Essex 030010KHigh Wind		North	hern Herkim	er - Hamil	ton - Fulton	- Warren -	Schoh	arie - Western	Schenectady	
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elevated portions of Fulton, Schoharie and Schenectady counties. Around an inch of water equivalent accumulated in these areas with the precipitation falling mostly as a mixed bag of snow, sleet and even freezing rain. This scenario resulted in about a half to a inch of ice buildup across portions of these counties. The build up of ice, exasperated by 35 mph winds, brought down many tree and some power lines in these areas. In addition, North Creek in Warren County reported 6.5 inches of snow, followed by sleet an freezing rain. At the height of the storm, over 17,000 customers lost electrical power, more than 7,000 in Fulton County alone. <u>NEW YORK, North</u> NYZ034>035 Western Essex - Eastern Essex 03 1600EST 0 0 10K High Wind			•		•				-	
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reezing rain. At the height of the storm, over 17,000 customers lost electrical power, more than 7,000 in Fulton County alone. NEW YORK, North Western Essex - Eastern Essex 03 1600EST 0 0 10K High Wind			-	-			-	-		
NYZ034>035 Western Essex - Eastern Essex 03 1600EST 0 0 10K High Wind 1645EST										
NYZ034>035 Western Essex - Eastern Essex 03 1600EST 0 0 10K High Wind 1645EST	<u>NEW YORK,</u> North									
1645EST		West		Castern Ess	sex					
		03				0	0	10K	High Wind	
		A cor		stem, with	centers over 1	Lake Huron a	nd cen	tral New York st	ate on Sunday morning, I	March 3rd, move

		Time Local/	Path Length	Path Width	Numb Perso		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	S Character of Storm	
NEW YORK, North		and cold from	which move	d concess the	anaa duuina ti	na lata c	ftomoon and avani	no of Monoh 2nd Tuoso u	una noncertad darren
					U			ng of March 3rd. Trees w , with power out in Westpo	1
NYZ026-026-029	North 09 10	nern St. Law 2115EST 0040EST	rence - Sou	thern St. I	awrence 0	0	30K	High Wind (G55)	М
	A stori late nig front d	m system move ght of March 9 luring the late	th and early r night of Ma	norning of M rch 9th and e	arch 10th. Str arly morning	ong win of Mai	ds were associated with the second seco	g cold front moved across with this low pressure syst na International Airport, v lown across the entire cour	em and strong cold vinds measured by
NYZ027-030	09	ern Frankli 2300EST	n - Souther	n Franklin	0	0	10K	High Wind (G56)	
	late nig strong winds blown	ght of March 9 cold front dur were estimated down in Gabri	9th and early ing the late 1 l at 64 mph (els, NY.	morning horning hornight of Marc 56 knots). In	urs of March h 9th and ea	10th. S rly mori	trong winds were a ning of March 10th	g cold front moved across ssociated with this low p . In the town of South Be orted blown down in Sarar	ressure system and ombay, New York,
NYZ034>035	Weste 10	ern Essex - E 0100EST 0300EST	Eastern Ess	ex	0	0	30K	High Wind	
	early n mornir impact	m system move norning hours on ng of March 1	of March 10th 0th. There v ng the south	h. Strong wind vere numerou ern half of t	ds were assoc is power outa he county. The	iated wi ages due he town	th this low pressure to the high winds s with the most da	g cold front moved across system and strong cold fre a across all of Essex cou mage reported included:	ont during the early nty, with the most
NYZ028	North 10	east Clinton 1205EST	L		0	0		High Wind (G48)	М
	A storn early n	m system move norning hours o	of March 10th	h. Strong win	aturday, Marc ds were assoc	h 9th. T iated wi	th this low pressure	g cold front moved across system and strong cold from by ASOS were 55 mph (48	the area during the ont during the early
NYZ030>031-034	South 20	ern Frankli 1500EST 2200EST	n - Southw	est Clinton	- Western 1 0	Essex 0	15K	Light Snow	
	Englan night l	season winter nd Wednesday	night. Snow lations of th	spread across e wet snow v	the area dur	ing the 1	morning and becam	ay, March 20th passing ac e steadier during the after imounts fell in the Adiror	noon into the early
NYZ026-029>031-034	North 26	nern St. Law 1400EST 2359EST	rence - Sou	ithern St. L	awrence - S 0	Southe 0	rn Franklin - So 50K	uthwest Clinton - Wes Mixed Precipitation	
	New E afterno	season storm s England during	the night of , then mixed	f March 26th with or chan	and early W	/ednesda	ay morning, March	g of Tuesday, March 26th 27th. Snow overspread t early night hours. In gene	he area during the
NYZ027>028-035	North 26	ern Frankli 1600EST 2359EST	n - Northea	ast Clinton	- Eastern E 0	ssex 0	30K	Winter Storm	
	New E afterno hazard accum	season storm s England during oon of the 26th ous with the y	the night of , becoming s wet snow and ed: Both Per	f March 26th teadier and h d ice. In gen	and early W eavier before eral, between	Vednesda changin 5 and	ay morning, March ag to sleet and freez 8 inches of snow	g of Tuesday, March 26th 27th. Snow overspread t ing rain late at night. Trav and ice fell across the ar rted 8 inches with lesser a	he area during the vel conditions were ea. A few specific
<u>NEW YORK, West</u> NYZ001>003-010>011	Niaga 03	ura - Orleans 1100EST 1600EST	s - Monroe	- Erie - Ge	nesee 0	0	400K	High Wind (G52)	

Storm Data and Unusual Weather Phenomena Time Path Path Number of Estimated March 2002 Local/ Length Width Persons Damage Standard Killed Location Date (Miles) (Yards) Injured Property Crops Character of Storm NEW YORK, West Low pressure over Indiana deepened as it moved northeast. The strong southwest flow was funneled up the length of Lake Erie and produced damage across the Niagara Frontier. Trees and power lines were downed. Structural damage was also reported in Erie and Niagara Counties. NYZ005>006-008-010- Northern Cayuga - Oswego - Lewis - Erie - Chautauqua - Cattaraugus 019>020 0640EST Û 0 65K **Heavy Snow** 04 05 0650EST Cold air crossing the relatively warm, unfrozen waters of Lakes Erie and Ontario produced lake effect snows. Off Lake Erie, snow showers and squalls began Sunday evening (3rd) and focused over the western southern tier counties with overnight accumulations around a foot. The band held together close to the lake through most of the daylight hours of the 4th, despite the strong March sun. The band intensified during the evening as it drifted north into central Erie County. Six to fourteen inches of snow fell over the southern suburbs of Buffalo between 9PM Monday and 6AM Tuesday. Specific amounts included: Arkwright 23"; Sherman 22"; Perrysburg 21"; South Dayton and Hamburg 14"; Dunkirk and Sinclairville 12"; Westfield and West Seneca 10"; Warsaw 9"; Orchard Park 8"; Franklinville and Colden 7"; and Angelica 6". Off Lake Ontario, a strong single band developed over Oswego and Lewis Counties. The band meandered little so some areas got over a foot. The band drifted south briefly dropping over a half a foot over northern Cayuga County. Specific amounts reported: North Osceola 14"; Highmarket 12"; Oswego 11" and Martville 7". NYZ001>008-010>014- Niagara - Orleans - Monroe - Wayne - Northern Cayuga - Oswego - Jefferson - Lewis - Erie - Genesee -019>021 Wyoming - Livingston - Ontario - Chautauqua - Cattaraugus - Allegany 1902EST High Wind (G57) M 09 3.1M 2350EST Monroe County Webster 2020EST 0 0 50K Thunderstorm Wind (G54) M 09 Low pressure over Wisconsin deepened as it moved across Lake Superior and into northern Ontario. Strong winds accompanied and followed the passage of a cold front. The damaging winds affected the entire area, downing trees and power lines and causing some structural damage. Nearly 100,000 customers completely lost power with thousands others experiencing brief power outages. In Rochester, a roof was blown off a building supply store. In Groveland, a vehicle was towing a 17' sailboat on I-390 when the boat and trailer were overturned by the wind. In Portage, a train struck a tree that had fallen across the tracks. The train was damaged and could not continue. In Mendon, a two-story, 100-year-old barn was pushed over. In Lyndonville, a recreational trailer dealer sustained damage to a third of the inventory. **Erie County** 2145EST 0 35K Seiche Angola 09 0 Winds over 50 knots on Lake Erie caused the water level to rise at the eastern end of the lake. The lake exceeded the 8' flood stage stage and peaked at 9.63" at 11:40PM on the 9th. NYZ006-010-012-Oswego - Erie - Wyoming - Chautauqua - Cattaraugus 019>020 10 1000EST 0 0 38K Heavy Snow 0300EST 11 A strong cold front crossed the region during the evening hours of March 9th dropping temperatures thirty to forty degrees. The cold air produced lake effect snow bands off Lake Erie during the wee hours of the 10th. The bands started in the Buffalo area and extended to Rochester for a few hours around daybreak before settling south during the day. Amounts were generally six to eight inches but 30 to 40 mph winds on Sunday created hazardous conditions in blowing and drifting snow. Road closures were reported. East of Lake Ontario, the activity was slower getting organized. Generally, around four inches fell over Lewis and northern Oswego counties during Sunday afternoon but the activity consolidated and settled over Oswego county Sunday night. Six to ten inches fell over much of central southern Oswego County. NYZ005>006-008-Northern Cayuga - Oswego - Lewis - Chautauqua - Cattaraugus 019>020 1130EST 0 0 43K **Heavy Snow** 22 23 0700EST A sharp cold front crossed the area on Thursday the 21st. As the cold air built into the region lake effect snows developed southeast of Lakes Erie and Ontario. Off Lake Ontario, a very intense band extended across northern Cayuga, Oswego, and southern Lewis counties. The band lifted north a bit during the evening into southern Jefferson and Lewis Counties. Storm amounts ranged from one to two feet over the Tug Hill of Oswego and Lewis Counties.

Off Lake Erie, the event was somewhat less pronounced, though nevertheless impressive considering the time of year. It peaked overnight Friday to Saturday over northern Chautauqua and Cattaraugus counties where up to a foot fell.

		Time	Path	Path	Numb	er of	Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perse Killed	ons Injured	Damage Property Ci	cops Character of Storm	March 200
NORTH CAROLINA	. Cen	tral							
Davidson County	i, cen	<u> </u>							
Lexington	09 Nicke	1846EST el size hail was r	eported at th	e Walmart in	0 Lexington.	0		Hail (0.88)	
Richmond County									
Steen Town		1530EST were blown do and County line.	own and out	buildings wer	0 e damaged fi	0 rom the i	ntersection of C	Thunderstorm V Id Peggymill Road and 0	· · ·
Scotland County									
Countywide	home		d and severa	l agricultural	buildings an			Thunderstorm V ees. At Hwy 501 and Sco d. Several mobile homes	tch Grove Road, three
Guilford County									
Greensboro	26 Light	1710EST ning started a fir	e that destro	yed the third	0 floor of a hon	0 ne.	220K	Lightning	
Wake County									
Raleigh	26 Trees	1910EST were blown over	er onto powe	r lines on Boy	0 vlan Ave.	0		Thunderstorm V	Vind (G50)
Wake County									
Raleigh	26 Dime	1940EST size hail was re	ported at Cre	eedmoor and l	0 Lynn Road.	0		Hail (0.75)	
Cumberland County									
3 W Fayetteville Cumberland County	31	1310EST			0	0		Hail (1.75)	
Hope Mills Johnston County	31	1403EST			0	0		Hail (1.00)	
Parkers Mill Sampson County	31	1445EST			0	0		Hail (0.88)	
15 W Clinton Wayne County	31	1445EST			0	0		Hail (1.75)	
5 S Dudley Cumberland County	31	1450EST			0	0		Hail (0.75)	
Hope Mills Wayne County	31	1510EST			0	0		Hail (0.88)	
Fremont Sampson County	31	1515EST			0	0		Hail (1.00)	
Salemburg Stanly County	31	1530EST			0	0		Hail (1.75)	
3 E Oakboro Montgomery County	31	1535EST			0	0		Hail (1.25)	
Troy Anson County	31	1600EST			0	0		Hail (0.88)	
Ansonville	31 Golfb	1630EST all sized hail wa	is reported no	ear Sugartowr	0 n Road and Po	0 olkville R	oad.	Hail (1.75)	
Lee County Sanford	31	1650EST			0	0		Hail (1.75)	
Wake County					ñ	0			
5 N Raleigh	31 Nicke	1720EST el size hail repor	ted at Duran	t and Litchfor	u d Roads.	U		Hail (0.88)	
Wake County Raleigh	31	1845EST			0	0		Flash Flood	
	(1- 1	1930EST	11 1 1.	(C]		1 117 1			

6 to 12 inches of water blocked traffic on Glenwood Ave. and Wade Ave.

S	Stor	m Data	and	Unus	ual W	'eat	her Phe	nomena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Perso Killed		Estimated Damage Property Crops	Character of Storm	March 2002
NORTH CAROLINA	A, Cent	t <mark>ral Coastal</mark>							
NORTH CAROLINA		e reported. eme Southw	<u>est</u>						
	NONI	E REPORTED.							
NORTH CAROLINA	A, Nort	h Coastal							
	NONI	E REPORTED.							
NORTH CAROLINA			orth Cei	<u>ntral</u>					
NCZ001-018	10	- Watauga 0800EST 1100EST winds on the 10t	h produced	damage acros	0 s northwest N	2 orth Car	8K olina.	High Wind	
	-			-			lealership in West J occupants received	efferson had windows bl minor injuires.	own out by the high
NORTH CAROLINA Robeson County	A, Sout	<u>h Coastal</u>							
6 NNE Maxton	part of moved mobil	f Robeson count d 10 feet off its	y. 18 struct foundation	ures in all we A large met	re damaged. al electrical t	8 mobile ower in	homes were comp the area was also	Thunderstorm Wi sive damage to a trailer letely destroyed with one blown down. A woman from the strong thunders	park in the northern e double wide trailer n was injured in her
Robeson County Lumber Bridge	31	1335EST c reported an esti	mated 60 m	nh wind sust	0	0		Thunderstorm Wi	nd (G52)
Robeson County	1 uone	reported un est		pri i ind gaoti					
2 NW Lumberton	31 Ham 1	1454EST radio operator re	ported dime	size hail.	0	0		Hail (0.75)	
Robeson County 5 SE St Pauls	31 Retire	1515EST ed school princip	al reported o	lime size hail.	0	0		Hail (0.75)	
Robeson County 2 W Lumberton	31 Ham 1	1609EST radio operator rej	ported golfb	all size hail.	0	0		Hail (1.75)	
Bladen County 3 NW Tar Heel	31 Spotte	1630EST er reported quarte	er size hail.		0	0		Hail (1.00)	
Robeson County									
Lumberton	31 911 ce	1815EST enter reported dir	me size hail		0	0		Hail (0.75)	
NORTH CAROLINA NCZ033-050-065	Aver 10 Strong	y - Mitchell - 0600EST	ng a cold fr	ont reached d		0 Is in a 1	3K few locations. Mo	High Wind (G50) st damage was limited t	o downed trees and
Alexander County Taylorsville	15 A larg	1500EST ge dust devil dam	aged a chic	ken pen.	0	0	0.30K	Dust Devil	

		Time Local/	Path Length	Path Width	Numl Pers		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
NORTH CAROLINA	, Sout	hwest							
Polk County Columbus	16 The ha	1045EST ail caused sever	al traffic acc	idents in the C	0 Columbus are	0 ea.	3К	Hail (0.88)	
Rutherford County Henrietta	16	1108EST			0	0		Hail (0.75)	
Cleveland County Boiling Spgs	16	1120EST			0	0		Hail (0.88)	
Jackson County									
Webster to 3 ESE Cullowhee								Thunderstorm Win	
н 10 (additic	on, trees were re	eported dowr	i in Webster, a	and several p	ower line	es were blown down i	n Cullowhee.	
Haywood County Waynesville	17 Severa	0900EST Il trees were blo	own down in	and around W	0 Vaynesville.	0 Some we	2K ere blown onto power	Thunderstorm Win lines, resulting in outage	. ,
Madison County Countywide	17	0900EST			0	0		Flash Flood	
	Minor	1030EST flooding occur	red along La	urel Creek. Ex	cessive rain	fall also 1	resulted in rock and m	udslides near Marshall.	
Buncombe County		6	8						
2 ESE Asheville	17 A few	0930EST trees were repo	orted blown d	lown.	0	0	1K	Thunderstorm Win	ud (G50)
Madison County 8 WNW Marshall	18	0700EST 0900EST			0	0	15K	Flash Flood	
	Floodi a resul	ng along small	streams resu	lted in a road	being washe	ed out off	f of Highway 209. Sev	reral vehicles were invol	lved in accidents as
Union County Monroe	31	1410EST			0	0		Hail (0.88)	
Rowan County Gold Hill	31	1455EST			0	0		Hail (0.88)	
Union County Indian Trail	31	1500EST			0	0		Hail (1.00)	
Union County Fairview	31	1507EST 1517EST			0	0		Hail (1.75)	
Mecklenburg County Pineville	31	1516EST			0	0		Hail (1.75)	
Mecklenburg County Matthews	31	1520EST			0	0		Hail (1.75)	
NORTH DAKOTA, C	Central	and West							
	NONE	E REPORTED.							
NORTH DAKOTA, E NDZ030	Trail				٥	۵		Harry C	
	07 08 A ban	1317CST 0117CST d of heavy snow	v fell across '	Traill county	0 with Mavvil	0 le and Cl	ifford each reporting 6	Heavy Snow	

A band of heavy snow fell across Traill county, with Mayville and Clifford each reporting 6 inches.

		Time	Path	Path	Numb		Estimated	March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property Crops	s Character of Storm
NORTH DAKOTA, E	ast							
NDZ008-014>016-024-	Peml	bina - Benson	- Ramsey	- Eastern V	Valsh - Ed	dy - Nel	son - Grand Fo	rks - Griggs - Steele - Traill - Barnes -
026>030-038>039-049- 052>054	Cass	- Ransom - S	argent - Ri	ichland - W	estern Wa	lsh		
	08 09	1535CST 1116CST			0	0		Winter Storm
	report		ind gust and					half mile across the area. The Fargo airport ist. Three to five inches of new snow were
OHIO, East								
Coshocton County Countywide	09	1700EST			0	0	10K	Thunderstorm Wind
Muskingum County		1715EST						
Countywide	09	1700EST 1715EST			0	0	10K	Thunderstorm Wind
OHZ039>041-048>050- 057>059-068>069		arawas - Car e - Monroe	roll - Colu	mbiana - (Coshocton	- Harri	son - Jefferson ·	- Muskingum - Guernsey - Belmont ·
	09	1715EST 2300EST			0	0	110K	High Wind
Carroll County								
Countywide	09	1745EST 1800EST			0	0	10K	Thunderstorm Wind
Guernsey County					0	0	4077	
Countywide	09	1745EST 1800EST			0	0	10K	Thunderstorm Wind
Harrison County	09	1745EST			0	0	10K	Thunderstorm Wind
Countywide	09	1800EST			U	U	IUK	
Noble County								
Countywide	09	1745EST 1800EST			0	0	10K	Thunderstorm Wind
Tuscarawas County								
Countywide	09	1745EST 1800EST			0	0	10K	Thunderstorm Wind
Belmont County								
Countywide	09	1800EST 1815EST			0	0	50K	Thunderstorm Wind
Columbiano County	Nume	rous trees and p	ower lines de	owned by thu	nderstorm w	inds. A f	few trees fell on par	ked cars.
Columbiana County Countywide	09	1800EST 1815EST			0	0	10K	Thunderstorm Wind
Jefferson County		1015251						
Countywide	09	1800EST 1815EST			0	0	10K	Thunderstorm Wind
Monroe County								
Countywide	09	1800EST 1815EST			0	0	10K	Thunderstorm Wind

A deepening area of low pressure moving eastward across the northern Great Lakes swept a strong cold front across east central Ohio during the late afternoon hours of the 9th. This intensifying low produced a large area of strong low-level winds, both ahead of and behind the cold front. Winds between 70 - 80 MPH were present just a few thousand feet off the surface across the area by the mid-afternoon hours. As showers formed during the day, these strong winds were occasionally brought down to the surface. To further complicate matters, by the late afternoon hours enough instability was present to produce a line of severe thunderstorms along the main cold front as it entered east central Ohio. This combination of strong gradient winds and severe thunderstorm winds produced widespread damage across the area, mostly in the form of downed trees and power lines. These high winds continued after the cold frontal passage, downing trees and power lines, until the early morning hours of the 10th. At that time, the surface low moved off into Quebec and the strong gradient winds finally diminished. It is estimated that around 15,000 people were left without electricity in east central Ohio in the wake of this wind event.

		Time	Path Longth	Path		ber of	Estimated	Man	rch 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Killed	sons Injured	Damage Property Cr	pps Character of Storm	
OHIO, North									
OHZ012>014	03 04 Weste	•	lake effect			•		Heavy Snow e 3rd with the heaviest snow falling around 10 inches in Lake County an	•
OHZ003-006>014- 017>023-027>033- 036>038-047	Luca Seneo)ttawa - S Medina - S	Summit - Po	ortage - Ti	umbull	. 0	ke - Geauga - Ashtabula - Ha rawford - Richland - Ashland High Wind (G55) ^M	
	Damage Count tree. (Richl pm; 62 at the (Summ Region includ mph a of tree thousa Struthe Three in Rav Baltim injurec histori of a m Ashlan	ging winds occu y). A second fa Peak wind gusts and County) at 4 2 mph at Clevela Wayne County nit County) at 5 nal Airport (Tru e; 100 mph at E t Fremont Airpor es and hundreds nd people withc ers (Mahoning (mobile homes v venna (Portage (oore (Wood Cou d in Maple Heigi c covered bridge oving train and nd and Stark cou	rred along a tality occurri is include: 66 415 pm; 63 und Hopkins Airport at 320 pm; 62 umbull Couries owling Gree ort (Sandusk of power at County). A vere destroy County). A vere destroy County). A this (Cuyaho e was severe into Sandu unties. Hun	and behind th red in Cuyaho 9 mph at Tol mph at Tol mph at Findl 3 Airport (Cuy 454 pm; 51 mph at Akro nty) at 607 p een (Wood Co ty County); 7- poles were do t the peak of fire truck re- red in Sandus 1 large poultr amaged two ga County) b ely damaged. sky Bay (Eric dreds of othe	is front. A 4 oga Falls (Su edo Express ay Airport (I vahoga Coun mph at the n-Canton A m; 54 mph ounty); 78 m 4 mph at Lo owned in no wwned in no the storm. C sponding to ky County ir y farm build adjacent bui y flying glas Two homes e County).	41 year o mmit Coo Airport (Hancock (ty) at 448 Ashtabula irport (Su at the M ph at the uisville (St rthern Of Dover a mi an emergy juring th ing was Idings for s and deb were des Other bui	Id male was struct unty) when a 63 (Lucas County) at County) at 423 p. pm; 58 mph at T a County Airport immit County) at arion County Ai Huron County A Stark County); 65 tio. Widespread llion dollars in d ency was blown ree people. Two leveled in Marior cring the closure ris. Several build troyed in Ottawa ldings were destruct	the late afternoon and early even k and killed by a falling tree in Lora ear old male was struck and killed b t 258 pm; 55 mph at Mansfield Lah n; 62 mph at the Lorain County Airp oledo Metcalf Airport (Wood County at 517 pm; 60 mph at Akron-Fulto 523 pm; 63 mph at the Youngstow port at 610 pm. Other measured w irport; 75 mph at Burton (Geauga C mph at Medina (Medina County). T power outages occurred with severa umage occurred at a school construct over in Trumbull County injuring tw additional people were injured by a f a County. A large building collaped of three businesses. A woman was ings were destroyed in Wyandot Cou County. Two cargo containers were oyed in Seneca, Hancock, Crawford 100 cars were damaged or destroyed	in (Lorain y a falling m Airport bort at 429 y); 53 mph on Airport wn-Warren wind gusts ounty); 75 Thousands al hundred cion site in wo people. falling tree d in North s seriously nty and an blown off , Morrow,
OHZ011>014		llen trees. M411 hoga - Lake - 0000EST			0	0	325K	Heavy Snow	
	gusted	to over 30 mpl	n much of the	he day causin	g significant	blowing	and drifting and	g cold front. Westerly winds behind whiteout conditions. Snowfall meas ifts up to several feet in depth.	
OHZ003-006>014- 017>023-027>033- 036>038-047	Seneo		Aedina - S	Summit - Po	ortage - Tr	umbull		ke - Geauga - Ashtabula - Ha rawford - Richland - Ashland	
	24 25 Heavy inches	2000EST 1800EST snow developed . Some freezing	d to the nor g rain also n	th of a station	0 ary front stre snow south	0 ecthing ac and east		Winter Storm Ohio. Snow accumulations ranged f rion to Mansfield to just north of Yo herous.	
OHZ003-006>010- 012>013-017>022- 027>032-036>038-047		nit - Portage		•				Hancock - Seneca - Huron - M - Stark - Marion - Morrow - J	
	26	0100EST 2200EST			0	0	3.5M	Winter Storm	
	The free spread in port afterno (Cuyal	ressure moved r eezing rain first north to near L tions of Holmes pon and evening	began durin ake Erie. Ic and Stark hours. Nea Little if any	ng the early m ce accumulation Counties. Counties. Counties. Counties rrly 5 inches of snow accumu	orning hours ons of a quan old air filterin of snow fell i alated southe	south of ter inch v ng into no n Lucas (ast of a N	a line from Mario were reported mo orthern Ohio beh County with as m	e of a warm front stretching east from on to Akron. By daybreak the freezing at areas with ice accumulations of one ond the low caused snow to develop the as 3 inches of snow as far east as town line. Very treachorous condition	ng rain had e half inch during the Cleveland

		Time	Path	Path	Number		Estimated	Marc	ch 200
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Person Killed I	ns njured	Damage Property Crops		
OHIO, Northwest									
OHZ001>002-004>005- 015>016-024>025	· Willia	ams - Fulton	- Defiance	- Henry - P	aulding - Pເ	ıtnam	- Van Wert - Al	len	
	09	1410EST 1533EST			0	0	0	High Wind (G63)	
	the from above ahead 50 to transm	ont as 3 hour pr the surface rang of the cold from 70 mph were e	ressure falls of ged from 70 t t. Widesprea experienced b ich snapped of	of 4 millibars o 80 mph. Th ad reports of t by many area	a head of the ne combination rees, tree limb s. 2 miles nor	front control of these of the stand particular tensors of ten	ombined with 3 ho e 2 factors was tap ower lines being bl of Edon, the roof	e 9th. A strong pressure gradient exi ur pressure rises of 11 millibars. We bed by a narrow line of showers immown down were received as surface vas blown off of a barn. This roof . Also, a 90 foot tree that was over 1	vinds ju nediate winds struck
OHIO, Southeast	-								
OHZ087	Lawr 01	rence 0000EST			0	0		Monthly Precipitation	
		2300EST monthly precipi rmal value.	tation was 8	to 9 inches a	cross southern	portion	ns of the county. S	outh Point had 8.6 inches, more that	ın doub
OHZ066>067-075>076- 083>087	· Perry	y - Morgan - A	Athens - W	ashington	- Jackson - V	Vinton	- Meigs - Gallia	- Lawrence	
	09	1645EST 1815EST			0	0	75K	High Wind	
OHZ085>087	into th snappe	ne 45 to 70 mph	range. Nur enforcement	nerous trees a	and power line	es were	blown down. In S	vas associated with the front. Wind omerset of Perry County, 40 foot tr windows were blown out of buildir	ees we
	20	0200EST 1800EST			0	0	750K	Flood	
	rains f total a Procte Creek. Charlie Waterl	fell in about a 6 at South Point v erville. Some of . Urban and po e Creek Road in loo had 2.9 inch nor Taft declare	hour period, was 4.8 incha f the flooded oor drainage n Lawrence C ues of rain. ed a state of	before dawn es. Automa streams inclu flooding also County shorthy emergency in	on the 20th. ted gauges ind ided Solida Cro o occurred. F y after 0600E.	The mos dicated reek, Ch our peo Rain a	st rain appeared to 4.2 inches at Ranh harley Creek, Buffa ple and 2 pets we mounts diminished According to the	h until after dawn on the 20th. The have fallen along the Ohio River. T cin Creek, with 4.0 inches at Kitts lo Creek, Symmes Creek, and India re rescued from the top of their vel to the north. In northern Lawrence Dhio Emergency Management Age County, while another 60 homes h	The stor Hill an an Guy hicles of e Count ncy, fo
							ed water damage.		
		of 1.5 to 2.5 inc	thes affected	Gallia and M	aigo Counting	Damag	ge was restricted to	roads in Gallia and Meigs Counties.	
	Rains	or 1.5 to 2.5 lik			eigs Counties.				
OHZ026-034>035- 042>046-051>056- 060>065-070>074-	Hard Madi	lin - Mercer ison - Frankl	- Auglaize lin - Lickin	ng - Preble	Shelby - Lo e - Montgon	nery -	Greene - Faye	are - Miami - Champaign - tte - Pickaway - Fairfield - I and - Adams - Pike - Scioto	
OHZ026-034>035- 042>046-051>056- 060>065-070>074-	Hard Madi	lin - Mercer ison - Frankl	- Auglaize lin - Lickin	ng - Preble	Shelby - Lo e - Montgon	nery -	Greene - Faye	tte - Pickaway - Fairfield - I	
OHZ026-034>035- 042>046-051>056- 060>065-070>074-	Hard Madi Warr 09 A wid approx injured home	lin - Mercer ison - Frankl ren - Clinton 1243EST 1740EST despread area o ximately 100,00 d in automobile	 Auglaize in - Lickin Ross - Ho f high wind: 0 people wei accidents, ar on it. The ha 	ng - Preble ocking - Hat s blew down re without po nd when trees ardest hit area	Shelby - Lo e - Montgon milton - Cle 1 trees, power wer. One mar fell on the bu	nery - rmont 12 poles, n was ki nildings hwest o	Greene - Faye - Brown - High 971K and various other illed when his sem that they were in f Columbus in Gro	tte - Pickaway - Fairfield - I and - Adams - Pike - Scioto	bone times we a mobi
DHIO, Southwest OHZ026-034>035- 042>046-051>056- 060>065-070>074- 077>082-088 Delaware County Countywide	Hard Madi Warr 09 A wid approx injured home	lin - Mercer ison - Frankl ren - Clinton 1243EST 1740EST despread area o ximately 100,00 d in automobile when a tree fell	 Auglaize in - Lickin Ross - Ho f high wind: 0 people wei accidents, ar on it. The ha 	ng - Preble ocking - Hat s blew down re without po nd when trees ardest hit area	Shelby - Lo e - Montgon milton - Cle 1 trees, power wer. One mar fell on the bu	nery - rmont 12 poles, n was ki nildings hwest o	Greene - Faye - Brown - High 971K and various other illed when his sem that they were in f Columbus in Gro	tte - Pickaway - Fairfield - I and - Adams - Pike - Scioto High Wind (G73) ^M smaller structures and signs. At c i tractor overturned, and several oth Two people were briefly trapped in	bone times we a mobi

		Time	Path	Path	Numl		Estimat		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	sons Injured	Damag Property		cter of Storm
OHIO, Southwest									
Franklin County									
Countywide	09	1610EST 1620EST			0	0	4K	Thun	derstorm Wind (G50)
	Severa	al trees were bl	lown down in	the eastern p	art of the cou	nty.			
Fairfield County	00	1/20507			٥	0	417	T1	d
Lancaster	09	1630EST 1635EST			0	0	4K	Inun	derstorm Wind (G50)
	Trees	were blown do	own in town.						
Licking County	00	1625EST			٥	0	217	Thur	dougtown Wind (C50)
Newark	09	1635EST 1640EST			0	0	3К	Inun	derstorm Wind (G50)
	Trees	were blown do	own in town.						
OHZ081	Adan	ns							
	16	0015EST			0	0		Flood	l
	One fo	oot of water co	vered state ro	ute 247.					
OHZ088	Sciot	0							
	20	0100EST			0	0		Flood	l
	Verv l	0900EST heavy rainfall o	caused area cr	eeks and stre	ams to rise o	ut of their	r banks and se	veral roads were	closed due to the high water.
OHZ026-034>035-042		2							
UHZ020-054>055-042	Наго 25	lin - Mercer 1200EST	- Augiaize -	• Dагке	0	0		Winte	er Storm
			ed west to eas	t over central	-		ntral Ohio and		northern Miami Valley to receive
	up to 0	6 inches of sno	wfall.						
OHZ026-034>035- 042>046-051>053- 060>062		lin - Mercer le - Montgor			· Shelby -	Logan	- Union - E	elaware - Mi	ami - Champaign - Clark -
	26	0115EST 0800EST			0	0		Winte	er Storm
	bringi	m front bisect	rain and freez	zing rain. Nu					ystem moved along the boundary, ht down trees and powerlines, and
OHZ081-088-088	Adar	ns - Scioto							
	26	0825EST			0	0		Flood	l
	Conti	1000EST uous rain over	r a one dav pe	riod in this a	rea caused so	me creek	s and streams	to overflow their	banks and close area roadways.
Greene County			Jan San San San San San San San San San S						·····,
Xenia	29	1840EST			0	0	12K	Thun	derstorm Wind (G55)
		1850EST							
	Thund	lerstorm winds	knocked dow	n trees and p	owerlines, ar	nd tore pa	rt of the roof	off of a multi-uni	t apartment building.
OKLAHOMA, Easter									
	-	-	-	-			-	-	aware - Creek - Okfuskee -
073>074	Okm 02	ulgee - Wag 0200CST	oner - Cher	okee - Ada	ir - Musko	gee - M 0	cintosh - Pi	ttsburg - Hask	ell v Snow
	02	1200CST			U	U		ilcav.	y 5110w
	upper as rain morni snow Oolog	level system n n and turned f ng hours. The tapered off to	noved northea first to freezin snow fell at a flurries arou Claremore	st out of the ng rain and s a rate of up to and noon. 6 inches, T	desert southwesteet and the bold 2 inches and A few accurate bullsa6 inch	vest. The n to snow hour at so mulations nes, Wag	e result was a l w from northwome places and include: Pry goner6 inches	arge area of prec vest to southeast d was accompan or9 inches, Vi es, Muskogee6	second of March. Meanwhile, an ipitation. The precipitation began a across the area during the early ied by lightning and thunder. The nita9 inches, Miami8 inches, 5 inches, Bartlesville5 inches,
Tulsa County									
1 E Collinsville		2355CST lerstorm winds north. The trac			0 hour blew a t	0 ractor tra	10K iler off the roa		derstorm Wind (G61) action of Highway 169 and 136th

Location Location Location Damage Model Damage Model Damage Model Damage Model OKLAHIOMA, Eastern Tuba County Genood 08<2355CST 0 0 Thanderstorm Wine Craig County 7 E. Centralia 09<0085CST 0 0 Thanderstorm Wine Craig County 7 E. Centralia 09<0085CST 0 0 Thanderstorm Wine Craig County 7 E. Centralia 09<0085CST 0 0 Thanderstorm Wine Maini 09<0030CST 0 0 Thanderstorm Wine Magoner County Porter 09<0030CST 0 0 Thanderstorm Wine Thanderstorm Wine seinated at 70 miles an hour blew a labelia blome and destroyed a sheld and a hour. Thanderstorm Wine Prore 09<0030CST 0 0 Thanderstorm Wine Thanderstorm Wine seinated at 70 miles an hour blew a tree down. Thanderstorm Wine Thanderstorm Wine Prore 09<0130CST 0 0 Thanderstorm Wine Thanderstorm Wine stimated at 70 miles an hour blew a tree down. Thanderstorm Wine Thanderstorm Wine Cheavese County 2 St Tableguah <th></th> <th></th> <th>Time Local/</th> <th>Path Length</th> <th>Path Width</th> <th></th> <th>ber of</th> <th>Estimated Damage</th> <th></th> <th>March 2002</th>			Time Local/	Path Length	Path Width		ber of	Estimated Damage		March 2002
Tube 3255CST 0 0 Muncestorm Wink Gengool 0 2255CST 0 0 Muncestorm Wink 7.6 Contrain 0 0005CST 0 0 Mundestorm Wink 7.6 Contrain 0 0 Mundestorm Wink Mundestorm Wink Craig County 0 0.005CST 0 Thundestorm Wink Watch 09 0030CST 0 0 1000000000000000000000000000000000000	Location	Date		0				0	Character of Storm	
Genopal6825SCT00Tanaderstorm windCraig County 7.15 Catralia00005CST00Tanaderstorm windVelch00005CST00Tanaderstorm windWind00005CST00Tanaderstorm windWagoner County Wagoner County Toru derstorm wind setimated at 70 miles an hoar damaged a mobile home and destroyed a beat and a how.Tanaderstorm windMami0003GCST0025KTanaderstorm WindMayes County Pror0003GCST001KTanaderstorm WindPror0003GCST001KTanaderstorm WindPror0003GCST00Tanaderstorm WindPror0003GCST00Tanaderstorm WindPror0003GCST00Tanaderstorm WindPror0003GCST00Tanaderstorm WindPror0013GCST00Tanaderstorm WindTanaderstorm winds estimated at 70 miles an hoar blew a tree down.Tanaderstorm WindCherokee County 2.5 Yahlequah00Tanaderstorm WindTanaderstorm winds estimated at 70 miles an hoar blew at ree down.Tanaderstorm WindTanaderstorm winds estimated at 70 miles an hoar blew at ree down.Tanaderstorm WindTanaderstorm winds estimated at 70 miles an hoar blew at ree down.Tanaderstorm WindTanaderstorm winds estimated at 70 miles an hoar blew at ree down.Tanaderstorm Wind <td></td> <td>ern</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		ern								
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Craig County 7 E cortical 7 B cortical 	Glenpool								Thunderstorm Win	d (G61)
7 E Centralia 0 0005CST 0 Thunderstorm Wind Craig County 0 0005CST 0 0 Thunderstorm Wind Miani 0 0030CST 0 0 Thunderstorm Wind Wate A County 0 0030CST 0 0 ZSK Thunderstorm Wind Porter 1 0 0.30CST 0 0 IK Thunderstorm Wind Mayes County 0 0.30CST 0 0 IK Thunderstorm Wind Proor 0 0.30CST 0 0 IK Thunderstorm Wind Payes County 0 0.50CST 0 0 IK Thunderstorm Wind Proor 1010CST 0 0 Thunderstorm Wind It It<	Cusia Country	Thun	derstorm winds	estimated at	70 miles an h	our blew a fo	ew trees c	lown.		
Craig County Week of 0 0005CST 0 0 Thunderstorm Wing Wing Miami 0 0030CST 0 0 25K Thunderstorm Wing Wing Wagoner County Pryor 0 0030CST 0 0 25K Thunderstorm Wing Ming Mayes County Pryor 0 0030CST 0 0 1K Thunderstorm Wing Ming Mayes County Pryor 0 0030CST 0 0 1K Thunderstorm Wing Ming Pryor 0 0030CST 0 0 1K Thunderstorm Wing Ming 2NW Each Thunderstorm winds estimated at 70 miles an hour blew a tree down. Thunderstorm Wing Thunderstorm Wing Mayes County Thunderstorm winds estimated at 70 miles an hour blew a tree down. Thunderstorm Wing Thunderstorm Wing Addir County Thunderstorm winds estimated at 70 miles an hour blew a tree down. Thunderstorm Wing Thunderstorm Wing Addir County Thunderstorm winds estimated at 70 miles an hour blew a tree down. Thunderstorm Wing Thunderstorm Wing Addir County Thunderstorm winds estimated at 70 miles an hour blew a tree down. Thunderstorm Wing Thunderstorm Wing <td< td=""><td></td><td>00</td><td>0005057</td><td></td><td></td><td>0</td><td>0</td><td></td><td>Thundonstown Win</td><td>1 (CEO) M</td></td<>		00	0005057			0	0		Thundonstown Win	1 (CEO) M
Weich00000SCST00Thunderstorm Wind Ottawa CountyMaint000030CST00Thunderstorm WindPorterThunderstorm winds estimated at 70 miles an hour damaged a mobile home and destroyed a shed and a barn.Mayes County00030CST00IKPryor00050CST00IKThunderstorm WindPlaware County00050CST00IKThunderstorm WindPryor00050CST00Thunderstorm WindPryor00050CST00Thunderstorm WindThunderstorm winds estimated at 70 miles an hour blew a tree toown.Thunderstorm WindThunderstorm WindPryor00102CST00Thunderstorm WindThunderstorm winds estimated at 70 miles an hour blew a tree down.Thunderstorm WindThunderstorm Wind2 St Pallequah00Thunderstorm WindThunderstorm Wind2 St Pallequah000Thunderstorm WindThunderstorm winds estimated at 70 miles an hour blew a tree down.Thunderstorm WindPublick00Thunderstorm WindThunderstorm winds estimated at 70 miles an hour blew a tree down.Thunderstorm WindThunderstorm winds estimated at 70 miles an hour blew a tree down.Thunderstorm WindPublick00Thunderstorm WindThunderstorm winds estimated at 70 miles an hour blew a tree down.Thunderstorm WindThunderstorm winds estimated at 70 miles an		09	0005C51			U	U		I hunderstorm win	d (G50)
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Miani Wagoner County Porter00111		09	0005CST			0	0		Thunderstorm Win	d (G59)
Wagener County PorterO Thunderstorm winds estimated at 70 miles an hour damaged a mobile home and destroyed a shed and a barn.Mayes PryorO 00.036CSTO 01KThunderstorm Winds PryorDelaware County 2NW EachaO 0 001KThunderstorm Winds PryorThunderstorm Winds estimated at 60 miles an hour blew shigets off a roof of a home.Delaware County TyperO 0 0 0 0 1Dunderstorm winds estimated at 70 miles an hour blew a few trees down.Thunderstorm Wind 0 <br< td=""><td>-</td><td></td><td>AAAA COT</td><td></td><td></td><td>0</td><td>0</td><td></td><td></td><td>1 (GEO) M</td></br<>	-		AAAA COT			0	0			1 (GEO) M
Porter 0 0.30(ST) 0 25K Thunderstorm Wing Thunderstorm winds estimated at 70 miles an hour damaged a mobile home and estroyed a shean and a harn. Mayes County Pryor 0 0.03(ST) 0 1K Handerstorm Wing Thunderstorm winds estimated at 70 miles an hour blew shingles of a root of a home. Delaware County 2 NV Eacha 0 0.05(ST) 0 0 1K Hunderstorm Wing Thunderstorm Winds estimated at 70 miles an hour blew a few trees down. Mayes County 2 NV Eacha 0 0 0 Thunderstorm Winds estimated at 70 miles an hour blew a tree down. Thunderstorm Winds estimated at 70 miles an hour blew a tree down. Mcintosh County 5 W Eafaula 0 0 0 Thunderstorm Winds estimated at 70 miles an hour blew a tree down. Adair County Bunch 0 0.102CST 0 0 Thunderstorm Winds estimated at 70 miles an hour blew a tree down. Hainedestorm winds estimated at 70 miles an hour blew a tree down. 0 Thunderstorm Winds estimated at 70 miles an hour blew a tree down. Thunderstorm Winds estimated at 70 miles an hour blew a tree down. Hainedestorm winds estimated at 70 miles an hour blew a tree down. 0 0 Thunderstorm Winds estimated at 70 miles an hour blew a tree down.		09	0030CST			0	0		Thunderstorm Win	d (G50)
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Wister 09 0245CST 0 0 Thunderstorm Winds Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. Le Flore County Poteau 09 0248CST 0 0 Thunderstorm Winds Poteau 09 0248CST 0 0 Thunderstorm Winds Choctaw County Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. Thunderstorm Winds Ft Towson 09 0250CST 0 0 Thunderstorm Winds Latimer County		Thune	derstorm winds	estimated at	60 miles an h	our blew dov	vn large t	tree limbs.		
Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. Le Flore County 09 0248CST 0 0 Thunderstorm Winds Poteau 09 0248CST 0 0 Thunderstorm Winds Choctaw County Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. O Thunderstorm Winds Ft Towson 09 0250CST 0 0 Thunderstorm Winds Latimer County Latimer County East an hour blew a tree down.	-		0045CGT			٥	0			1(052)
Le Flore County 0 0 Thunderstorm Wind Poteau 09 0248CST 0 0 Thunderstorm Wind Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. Thunderstorm Wind Thunderstorm Wind Choctaw County 09 0250CST 0 0 Thunderstorm Wind Ft Towson 09 0250CST 0 0 Thunderstorm Wind Latimer County Latimer County Latimer County Latimer County Latimer County	Wister				(A) 1				Thunderstorm Win	d (G52)
Poteau 09 0248CST 0 0 Thunderstorm Winds Choctaw County Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. Thunderstorm Winds Thunderstorm Winds Ft Towson 09 0250CST 0 0 Thunderstorm Winds Latimer County Image: County Image: County Image: County Image: County Image: County		Thune	derstorm winds	estimated at	60 miles an h	our blew dov	vn large t	tree limbs.		
Choctaw County Thunderstorm winds estimated at 60 miles an hour blew down large tree limbs. Choctaw County 09 0250CST 0 0 Thunderstorm Winds Ft Towson 09 0250CST 0 0 Thunderstorm Winds Latimer County Image: County	v		0040CCT			٥	0			1(052)
Choctaw County Ft Towson 09 0250CST 0 00 Thunderstorm Wind Thunderstorm winds estimated at 70 miles an hour blew a tree down. Thunderstorm Wind Thunderstorm Wind Latimer County Image: County Image: County Image: County Image: County	Poteau				()'l '				I nunderstorm Win	u (G32)
Ft Towson 09 0250CST 0 0 Thunderstorm Wind Thunderstorm winds estimated at 70 miles an hour blew a tree down.		Thune	derstorm winds	estimated at	60 miles an h	our blew dov	vn large t	tree limbs.		
Thunderstorm winds estimated at 70 miles an hour blew a tree down. Latimer County	-	00	0250000			Δ	Δ		Thundar-t 117	d (C(1)
Latimer County	Ft Towson				70				i nunderstorm Win	u (G01)
		Thun	derstorm winds	estimated at	/0 miles an h	our blew a ti	ee down.			
	Latimer County									
		15	1230CST			0	0		Hail (0.88)	
									· · · ·	

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
OKLAHOMA, Easte	ern								
Haskell County									
3 E Kinta	15	1300CST			0	0		Hail (1.00)	
Le Flore County									
Countywide	18 20	2336CST			0	0		Flood	
		0300CST / rain on and off	from the ev	ening hours of	on the 18th to	the earl	v morning hours of	the 20th. Wister report	ed 6.46 inches of rai
				U				due to this heavy rain	
								treets blocked off due	
								were reported to be floo y morning hours of the	
		19th flooding w						, morning nours of the	
Pushmataha County									
Countywide	19 20	0345CST 0300CST			0	0		Flood	
			d off from t	he evening of	March 18 u	ntil the t	he evening of Marc	h 19. 7.49 inches of ra	ain fell in Antlers and
			•					ing and longer term flo	• •
		*	-					d. As time progressed umerous county roads	*
	-	of the 19th.	ie remainder	or the county	, were recerv	cu. wai	er remainded över n	unicious county roads	into the early mornin
OKZ076	Le F	lore							
OILLOVO	19	0700CST			0	0		Flood	
	21	0300CST							
		oteau River nea me day. The riv			-			19th. The river creste	ed at 28.7 feet at 9 pr
OKZ076	Le F	•		·					
OHLOTO	19	0800CST			0	0		Flood	
	23	1200CST							
								19th. The river crested below its flood stage at	
					-			t of Panama was close	
	The ri	ver came within	a foot or tw	o of effecting	a water treat	ment pla	int.		
Latimer County									
Countywide	19 20	0950CST			0	0		Flood	
	20 Heavy	0300CST	d off from t	he evening of	f the 18th to	the early	morning hours on	the 20th. During this	time frame Wilburton
				-		•	•	cross the county. The	
					•	-	•	rth of Wilburton. Shor	•
		•	•		•	•	•	ter was reported to be f equire. The rain subs	
		ng hours of the				02 00000		equiler The fail such	loco caring the car
Pittsburg County									
Countywide	19 20	0955CST 0300CST			0	0		Flood	
			d off from th	he early morn	ing hours of	the 19th	to the early mornin	g hours of the 20th. E	During this time fram
							U	nd longer term floodin	0 1
		-	-				•	This road and and Hi sed water was reported	
		The flooding c						sea water was reported	a over several coulli
Choctaw County		-		÷	-				
Countywide	19 20	1005CST 0300CST			0	0	100K	Flood	
			d off across	Choctaw co	unty from th	e late ev	ening hours on the	18th to the evening he	ours of the 19th. 4.9
								d in considerable flash	
								hight miles west of Hu	

inches of rain was reported near Hugo during this time frame. The heavy rainfall resulted in considerable flash flooding and flooding across the county. The first reports of flooding came around 1005 am. Highway 70 eight miles west of Hugo was reported to be covered by water and several county roads were reported to be barricaded due to high water. Later that afternoon Highway 70 was also under water west of Soper and near Boswell. Highway 109 was also under water at several locations between Ord and Froggville. The flooding was so severe that many county roads were washed out and a few bridges were damaged.

	Stor	m Data	a and	Unus	ual V	Veat	her	Phen	omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured		nated nage Crops	Character of Storm	March 2002
		Standard	(lilles)	(1005)	Timou	injureu	Troperty	crops		
OKLAHOMA, E:	astern									
Haskell County Countywide	19	1900CST			0	0			Flood	
Countywide	20	0300CST			U	U			Flood	
			d off from th	ne evening of	the 18th unt	il the eve	ning of the	19th. The	cumulative effects of th	is rainfall resulted
		-	-	-	ng and early	y morning	g hours of t	he 19th an	d 20th. Most of the flo	oding occurred on
Sama h Carrier	count	y roads and low	water crossi	ngs.						
Sequoyah County	10	1022087			0	0			Flood	
Countywide	19 20	1932CST 0300CST			0	0			Flood	
			nd off from	ate on the eve	ening of the	18th to	during the	evening or	the 19th. The cumula	ative effects of the
	heavy		entually flas	h flooding and	flooding.	At 732 pr	n on the 19		ounty roads in the vicinit	
Tulsa County										
Sand Spgs	24	1949CST			0	0			Hail (0.75)	
Creek County										
1 E Kellyville	24	1950CST			0	0			Hail (0.75)	
Tulsa County										
4 W Owasso	24	2003CST			0	0			Hail (0.75)	
Creek County										
2 N Kiefer	24	2005CST			0	0			Thunderstorm Wine	d (G52)
Okfuskee County										
Paden	24	2005CST			0	0			Hail (0.75)	
Tulsa County										
Glenpool	24	2005CST			0	0			Hail (0.75)	
Tulsa County										
1 NE Owasso	24	2020CST			0	0			Hail (0.75)	
Pawnee County										
Ralston	24	2035CST			0	0			Hail (0.88)	
Rogers County										
2 SE Oologah	24	2035CST			0	0			Hail (0.88)	
Okfuskee County										
Okemah	24	2038CST			0	0			Hail (1.75)	
Tulsa County										
Bixby	24	2043CST			0	0			Hail (1.75)	
Tulsa County										
Bixby	24	2043CST			0	0			Thunderstorm Wine	d (G52)
Okfuskee County					0				T N (0.00)	
Pharoah Teles Constants	24	2047CST			0	0			Hail (0.88)	
Tulsa County	24	2054CST			0	0			II-:1 (0 75)	
Broken Arrow	24	2054CST			0	0			Hail (0.75)	
Okmulgee County	24	2100CST			0	0			Hail (1.75)	
Henryetta Okfuskee County	24	2100031			U	U			Hall (1.75)	
Bearden	24	2105CST			0	0			Hail (1.75)	
Okmulgee County	24	2103031			U	U			Hall (1.73)	
Grayson	24	2115CST			0	0			Hail (0.75)	
Osage County	27	2113051			v	Ū			Huii (0.75)	
Wynona	24	2120CST			0	0			Hail (0.75)	
Mcintosh County	24	2120001			v	Ŭ			Hun (0170)	
Checotah	24	2124CST			0	0			Hail (0.75)	
Mcintosh County	2.				Ŭ	Ŭ				
Rentiesville	24	2129CST			0	0			Hail (1.00)	
Mcintosh County		001			v	v			()	
3 SW Checotah	24	2140CST			0	0			Hail (1.00)	
Wagoner County					-	-				
Porter	24	2140CST			0	0			Hail (0.75)	
-		-								

	Stori	m Data	and	Unus	ual W	/eat	her Phen	omena	
		Time Local/	Path Length	Path Width	Numbe Perso	ons	Estimated Damage		March 2002
	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
OKLAHOMA, Eas Pawnee County	stern								
Cleveland	24	2150CST			0	0		Hail (0.88)	
Pittsburg County								. ,	
Canadian	24	2151CST			0	0		Hail (0.75)	
Pittsburg County					0				
Canadian Mcintosh County	24	2151CST			0	0		Thunderstorm Win	d (G52)
2 S Eufaula	24	2157CST			0	0		Hail (0.75)	
Haskell County	24	2107001			Ū	Ū		Hun (0170)	
Enterprise	24	2215CST			0	0		Hail (1.00)	
Muskogee County									
Muskogee	24	2215CST			0	0		Hail (0.75)	
Cherokee County	• •	2220 CC/F			0	0		TT 11 (0 ==)	
10 NNE Tahlequah	24	2228CST			0	0		Hail (0.75)	
Sequoyah County Marble City	24	2240CST			0	0		Hail (0.75)	
Rogers County	24	2240651			v	U		Hun (0.75)	
Claremore	24	2241CST			0	0		Hail (1.00)	
Delaware County									
4 SE Grove	24	2335CST			0	0	1K	Thunderstorm Win	d (G61)
A data Country	Thund	lerstorm winds e	estimated at	70 miles an h	our damaged	the roofs	s of a few outbuildings	3.	
Adair County 3 N Baron	25	0103CST			0	0		Hail (0.88)	
Adair County	23	0105051			U	U		Han (0.00)	
Westville	25	0115CST			0	0		Hail (1.75)	
Pittsburg County									
Pittsburg	25	1043CST			0	0		Hail (0.75)	
Latimer County	20	10.0001			Ū	Ŭ			
Damon	25	1113CST			0	0		Hail (1.75)	
Latimer County									
Wilburton	25	1120CST			0	0		Hail (0.75)	
Latimer County	25	1122087			0	0		Hail (1.00)	
Panola Le Flore County	25	1123CST			0	U		Hall (1.00)	
Panama	25	1200CST			0	0		Hail (0.75)	
Latimer County									
Wilburton	25	1325CST			0	0		Hail (1.00)	
OKLAHOMA, Ext	reme Soi	utheast							
Mccurtain County		uncust							
Wright City	02	0020CST			0	0		Hail (0.75)	
Mccurtain County									
Wright City	02	0030CST			0	0		Hail (0.75)	
	•-								
Mccurtain County	20	0005CST			0	0		Flash Flood	
Garvin	20 High y		hway 70 hal	ting east-wes	-		the southern half of th		
Manutain Grant			, <i>, .</i> 0 mai						
Mccurtain County 2 S Idabel	30	0810CST			0	0		Flash Flood	
2 5 IUabel		y roads under w	ater.		v	9		1 mon 1 100u	
OVI AHOMA P		,							
OKLAHOMA, Par OKZ001>003		arron - Texas	Bogwor						
VIII/00J	08	1330CST			0	0	1.5K	High Wind (G52)	
	09	0000CST							
	A dee	epening surface	low pressu	re system m	oved east ac	ross sou	thern Kansas produc	cing a strong pressure	gradient over the

129

St	tor	m Data	a and	Unus	ual W	'eat	her Phe	nomena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estimated Damage Property Crops	Character of Storm	March 2002
OKLAHOMA, Panha	ndle								
	Oklah throug interp damag	gh the Oklahor olated at Boise	na panhandl City and als n on a power	e during the o at Guymon. r pole about t	evening hour Fifty-two kr	s causir ot wind	ng strong north wir gusts were interpol	y evening hours. A co ids. Thirty-six knot su ated at Beaver where th in a four hour power ou	stained winds were e high winds caused
OKLAHOMA, Wester									
OKZ014>020-022>032- 035-037>042-044>046	- Lin		- Mcclain	- Clevelan	d - Pottawa	tomie	- Seminole - Hug	hita - Caddo - Canao hes - Kiowa - Tillm Ice/Snow	
OKZ004>013			Alfalfa - (Grant - Kay	- Ellis - Wo 0	odwai 0	d - Major - Garl	ïeld - Noble Winter Storm	
	betwee Enid (one te higher 20s, weath Highy	en two and fou (Garfileld Coun enth of an inch r totals. The qui made for ext er/vehicle-relate	r inches of s ty). Farther s in many pla ick onset of remely haza ed fatalities a	now were rep south, toward is ices before tra- the freezing ra- ardous travel ire known to h	orted, along v Interstate 40, ansitioning to ain, along wit ing condition have occurred	vith a sr and even snow, w h north ns, desj one on	nall amount of ice. ntually to near the R with accumulations winds of 30 to 40 n pite the lack of Interstate 35, near C	nd eventually transitione The highest snowfall tot ed River, freezing rain a generally an inch or les uph and temperatures fal large ice or snow a ioldsby in McClain Cour er-related accidents, som	al was 4.5 inches in ccumulated to abou s, except for locally ling rapidly into the ccumulations. Two nty, and the other or
OKZ004>005-008>048- 050>052	King - Cle	fisher - Loga veland - Pott	n - Payne awatomie	- Beckham - Seminole	- Washita - - Hughes -	Caddo Harmo) - Canadian - Ol on - Greer - Kiov	oger Mills - Dewey - klahoma - Lincoln - va - Jackson - Tillm Carter - Johnston -	Grady - Mcclain an - Comanche
	Mars 08 09	shall - Bryan 1900CST 0300CST			0	0		High Wind (G45)	М
Alfalfa County Cherokee Grant County	08	2043CST			0	0		Thunderstorm Wi	nd (G52)
1 SW Medford	08 Wind	2105CST was measured l	ov the Oklah	oma mesonet.	0	0		Thunderstorm Wi	nd (G50) ^M
Garfield County			.,						
Enid	A stro thund North passed were	erstorms accom winds, sustained. In most areas 72 mph at Okar	pushed throu panied the f ed between 3 c, wind speed che, Oklahor	gh Oklahoma front, with sev 5 and 45 mph Is were highes ma, and 69 mp	during the evere wind gus , with gusts o st for approximph at Alva, O	vening ts obser ccasiona nately o clahoma	rved in Alfalfa and lly between 60 and ne hour, before dim	Lightning early morning of the 9t Grant Counties of north 70 mph, developed over inishing. The highest wi v, four, new high-line po er School.	n central Oklahoma. the area as the front nd speeds measured
OKZ008-013-019>020- 025>026-028>030	Kay	- Noble - Log	an - Payne	e - Oklahom	a - Lincoln	- Mccl	ain - Cleveland -	Pottawatomie	
025/020-020/050	12	0500CST 0900CST			0	0		Fog	
	•	some locally d			-		-	uring the early mornin lowing down, and ran in	-
Atoka County	10	2230CST			0	0		Flash Flood	
Mcgee Creek Res	18 19 Water	0230CST	to recent hea	vy rain, were			Creek State Park.	F14511 F100U	

Water problems, due to recent heavy rain, were reported near McGee Creek State Park.

5		m Data		Unus		veal	ner I	nen	omena
		Time Local/	Path Length	Path Width		ber of sons	Estim Dam		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
OKLAHOMA, Weste	ern, C	entral and S	Southeast						
Marshall County	,								
Southeast Portion	18	2230CST			0	0			Flash Flood
	19 W-44	0230CST	4	· · · · · · · · · · · · · · · · · · ·				7	
Bryan County	wate	r problems, due	to recent nea	ivy rain, were	reported bei	ween Kin	gston and w	voodville.	
East Portion	18	2330CST			0	0			Flash Flood
East Fortion	18	0330CST			U	U			Fiash Flood
	Some	roads were clo	sed over sout	thern and easte	ern parts of I	Bryan Co	unty, due to	heavy rair	1.
Bryan County					-	-		-	
8 E Durant	19	0730CST			0	0			Flash Flood
	0111	0900CST	D1 D'					D 1	
Manchall County	Old F	Highway 70, nea	r Blue River	, was closed d	ue to high w	ater. Wes	st Samstone	Rd. was a	lso closed.
Marshall County	10	0900CST			0	0			Flash Flood
12 S Madill	19 A co		ared due to I	high water	U	U			Flash Flood
	A COL	unty road was cl	losed due to I	ligii water.					
Grady County									
Tuttle	24	1945CST			0	0	150K		Thunderstorm Wind
									ng about 10 rooms. Several heating and ai
		tioning units we school, was also		n loose. The r	oof of the d	istrict's w	restling roor	n, which i	s located about 100 yards to the east of the
Pottawatomie County	mgn	school, was also	uannageu.						
Shawnee	24	1948CST			0	0			Hail (1.00)
Canadian County	24	10 10 00 1			Ū	Ū			11411 (1100)
Mustang	24	1955CST			0	0			Hail (0.75)
Mcclain County	24	1700051			Ū	Ū			
Newcastle	24	1955CST			0	0	5K		Thunderstorm Wind
		oof was blown	off a barn in	the 800 block	of State Hig				
Lincoln County									
5 W Prague	24	2000CST			0	0			Hail (0.75)
Lincoln County									
Prague	24	2000CST			0	0			Hail (0.75)
Cleveland County									
3 NW Moore	24	2003CST			0	0			Hail (1.00)
Cleveland County									
2 W Moore	24	2005CST			0	0			Hail (1.50)
Cleveland County									
3 NW Norman	24	2005CST			0	0			Thunderstorm Wind (G66) ^M
	Wind	was reported b	y the Oklaho	ma mesonet.					
Cleveland County		2005087			0	0	217		
3 N Norman	24	2005CST	f of a worsh		0 d off poor	0 Iha intana	2K	umaah Da	Thunderstorm Wind
Cleveland County	A poi	rtion of a tin roc	or or a waren	buse was peele	ed off, near	the interse	ction of Tec	cumsen Ro	bad and Interstate 35.
2 NW Moore	24	2007CST			0	0			Hail (1.50)
Cleveland County	24	2007031			U	U			Han (1.50)
1 NW Moore	24	2010CST			0	0			Hail (2.00)
1 1111 110010		was reported ne	ar NW 12th :	and Sante Fe	v	•			
Seminole County		and topoliced lies							
2 N Little	24	2010CST			0	0			Hail (1.00)
Lincoln County									
2 N Chandler	24	2013CST			0	0			Hail (0.75)
Lincoln County									
2 E Stroud	24	2013CST			0	0			Hail (0.75)
Lincoln County									
5 S Warwick	24	2015CST			0	0			Hail (1.00)
Cleveland County									
Moore	24	2020CST			0	0	50K		Hail (1.75)
	Roof	damage, due to	large hail, w	as also reporte	ed.				

Roof damage, due to large hail, was also reported.

S	tor	m Data	a and	Unus	ual V	Veat	her P	hen	omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		iber of sons Injured	Estima Dama Property] Character of Storm	March 2002
				(1203)	Rined	injured	Toperty	crops	Character of Storm	
OKLAHOMA, Weste Seminole County	ern, Ce	entral and S	<u>outheast</u>							
1 N Schoolton	24	2025CST			0	0			Hail (1.00)	
Pottawatomie County										
Shawnee	24	2030CST			0	0	250K		Thunderstorm Wind	
	The ro	oofs of four buil	dings at Ren	nington Place	Apartments	were blo	wn off, affect	ing 56 re	sidences.	
Oklahoma County Oklahoma City	24	2031CST			0	0			Hail (0.88)	
Lincoln County	24	2051051			Ū	U			Han (0.00)	
4 WNW Sparks	24	2035CST			0	0			Hail (0.75)	
Oklahoma County										
Choctaw	24	2040CST			0	0			Hail (0.75)	
D. H. C.	Hail w	vas reported nea	r the intersec	ction of Reno	and Chocta	w Road.				
Pottawatomie County 5 NE Shawnee	24	2040CST			0	0			Hail (2.75)	
Seminole County	24	2040001			Ū	U			Han (2.75)	
2 N Little	24	2045CST			0	0			Hail (0.75)	
Seminole County										
Seminole	24	2045CST			0	0	35K		Thunderstorm Wind	
	A from	nt porch and two	o garages we	re destroyed b	oy high wind	ls.				
Lincoln County	24	2049057			0	0			Hall (1.00)	
3 E Meeker Lincoln County	24	2048CST			U	0			Hail (1.00)	
1 W Prague	24	2100CST			0	0			Hail (1.00)	
Pottawatomie County										
Shawnee	24	2100CST			0	0			Hail (1.00)	
Hughes County										
9 W Wetumka	24	2108CST			0	0			Hail (1.00)	
Hughes County	~ ~	2115087			0	0			H-9 (1 00)	
3 NE Wetumka Seminole County	24	2115CST			U	U			Hail (1.00)	
Bowlegs	25	0032CST			0	0			Hail (1.00)	
Hughes County									()	
3 NE Wetumka	25	0100CST			0	0			Hail (0.88)	
	throug diame	gh the area. Nu	imerous occ l areas of sig	urrences of l gnificant wind	large hail, v 1 damage ac	with the l companie	argest hail st d these thund	tone rep	st behind a strong cold fro orted to be baseball size (2 . Tuttle in Grady County, an	2.75 inches in
Jefferson County					-					
15 S Ringling	25	0656CST			0	0			Hail (1.00)	
Love County 3 W Overbrook	25	0725CST			0	0			Hail (1.00)	
Marshall County	23	0725051			Ū	U			Han (1.00)	
6 NW Lebanon	25	0740CST			0	0			Hail (1.75)	
Love County										
1 SW Rubottom	25	0812CST			0	0			Hail (0.88)	
Love County										
10 N Leon	25	0830CST			0	0			Hail (1.00)	
Pontotoc County Ada	25	0835CST			0	0			Hail (0.88)	
Carter County	40	0055051			U	v				
7 S Ardmore	25	0859CST			0	0			Hail (1.00)	
Carter County									. *	
Ardmore	25	0905CST			0	0			Hail (0.88)	
	Hail w	vas reported nea	r Interstate 3	5 at exit 33.						
Johnston County Bromide	25	0931CST			0	0			Hail (0.75)	

	storr	n Data	and	Unus	ual V	veat	ther	Phen	omena	
v		Time Local/	Path Length	Path Width	Per	ber of sons	Dan	-	a	March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>OKLAHOMA, West</u> Johnston County Bromide	<u>ern, Ce</u> 25	ntral and So 0952CST	outheast		0	0			Hail (0.88)	
Coal County 2 E Clarita	25	1005CST			0	0			Hail (0.88)	
OREGON, Central a	nd East	ł								
ORZ050		wa County 2020PST			0	0	0		High Wind (G50)	М
ORZ048	18 19	co-John Day 1500PST 0552PST es at Austin in G	0		0	0			Heavy Snow	
ORZ050	24	owa County 0600PST 1645PST	Turne dam		0	0	1 200		Heavy Snow	
		nes near Imnaha	. Trees dow	n and power of	butages whi	ch affecte	a soo peopi	e.		
<u>OREGON, Northwes</u> ORZ011	North	ern Oregon (0300PST	Cascades		0	0			Heavy Snow	
		ws reported 12							ed 14 inches, Mt Bach is 7 inches, and Willam	
ORZ001>004-004>00 007-009>011	Orego		Columbia	- Central	Willamett				regon - Central Coa nbia River Gorge	
	07 08	0100PST 1800PST			0	0			Heavy Snow	
	A late Lodge Along Mount Gorge.	season winter st on Mt Hood at the coast, Neha ains, Wilson Ri	nd Willame llem reporte ver Summit tte Valley,	ette Pass 11 in ed 4 inches, 7 had 5 inches 1 to 2 inches	nches, Mt H Fillamook 3 , and Sunser was reporte	Hood Mea inches, A Summit ed in Colt	adows 10 in Astoria 2 in 3 inches. Tl on, Clarkes	ches, and ches and l hree inches	totals In the Cascades Santiam Pass and Ber Lincoln City 1 to 2 ind s fell at Hood River in cil Crest, along with 3	nett Pass 7 inches thes. In the Coasta the Columbia Rive
ORZ001>002	North 11	ern Oregon (0500PST 1800PST	Coast - Ce	entral Oreg	on Coast 0	0			High Wind (G56)	М
		ng pacific storm	*	-	-		-		letarts reported sustaine , and Garibaldi 44 mph	*
ORZ003-011	Coast 11 13	Range Of Ny 1200PST 1200PST	w Oregon	- Northern	Oregon (0	Cascades 0	5		Heavy Snow	
	A pow Cascad Santian	erful Pacific stoles included 42	inches at Ti es at Gove	mberline Lod rnment Camp	ge on Mt H	ood, 27 ir	ches at Mt	Hood Mea	howfall totals for the 4 dows, 23 inches Benne inches at Blue Box P	tt Pass, 28 inches a
ORZ003-009>011		Range Of N On Cascades	w Oregor	ı - Western	Columbia	a River	Gorge - N	orth Or	egon Cascades Foo	thills - Northeri
	15 17 A pow	0300PST 1200PST erful Pacific sto	-	• •				•	Heavy Snow the Cascades. Storm so 25 inches at Willamett	
	Tombs 5 inch Cascad	tone Summit an es fell at Sunse	d Mt Hood t Summit a nches fell a	Meadows, 20 and Wilson R t Brightwood) inches at E liver Summ , 5 inches a	Bennett Pa it, 4 inch	uss, and 17 i les at Verno	nches at G onia, and 3	overnment Camp. In the 3 inches at Swiss Hom e Bridge, and 3 inches	e Coast Mountains he and Mist. In the

50			anu			(cat		nen	omena	
	Tin Loc	cal/	Path Length	Path Width	Numb Pers	ons	Estima Dama	ge	~	March 200
Location	Date Sta	ndard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
<u>DREGON, Northwest</u> ORZ011	18 080 19 080 Another port	It Hood, 22 i	e storm du	*	•				Heavy Snow all totals include 24 inches at Bennett P	
OREGON, Southeast										
	NONE REP	ORTED.								
DREGON, Southwest										
ORZ026	Spotter JA2 A Snow Ad	54PST 0 near Ashlan visory was in this report, it	effect for	this area at	the time. Th	is report i	s the only o		Heavy Snow rified a Heavy Snow t most areas did ver	-
ORZ021>022	09 120	ntral Orego 00PST o recorded a s		-	0	0			High Wind (G56)	м
	A High Win The above of continuously	nd Warning works was a servation at	vas issued t Cape Bla 00 and 14	for the coas anco records	tal headlands the peak sus	of ORZ0 tained wi	nd and peak	gust, but	on 03/09 and expired high wind warning ed above was the on	criteria was met her
ORZ021	10 090 Cape Blance A High With 03/10. The	-	stained wi was issued vation list	for the coast of the coast of the peak states the peak states are states and the peak states are states and the peak states are stat	stal headlan ustained wir	ds of OR2 and and pe			High Wind (G55) T on 03/09 and exp co, but observations	ired at 1450 PST o
PACIFIC										
GUZ002	04 000	a 00SST 00SST PHOON MIT.	AG		1	0	50M	100M	Hurricane	
	morning of	-	the circu	lation move	l west to a l				npei near 4N 158E. I theast of Chuuk. At	-
	slowly west south-south midnight on	tward over the ast of Wence	he next for Chuuk. Opical Stor	ew days into Wind gust o m Mitag inc	ensifying on f 47 mph w hed closer to	y slightly ere record	. By the n led at the C	ight of th Chuuk WS	ropical Storm. The t e 28th the storm w SO during the aftern s southwest. WSO C	vas located 20 mile loon of the 28th. B
	Damage on	Chuuk								
	No deaths o	r injuries wer	e reported							
	Flooding and landslides. Heavy flooding resulting mostly from overflowing man-hole and trapped run-off water flooded many home on Weno in the Seletiw area. The flooded home received damage to household goods, appliances and personal property. A few mine landslide also occurred on two of the islands in the lagoon, Fason in Tol Municipality and Eot Municipality.									
	storm passe	d over or ver	ry close to	o Puluwat d	uring the lat	e morning	hours of the	he 1st. Me	y morning to 16 mp oving further west T niles south of Satawa	ropical Storm Mita

Around noon on the 2nd, Typhoon Mitag passed less than 30 miles south of Woleai. Reports from Woleai said power was knocked

Location	Time Path Number of Estimated Mare Local/ Length Width Persons Damage Mare Date Standard (Miles) (Yards) Killed Injured Property Crops Character of Storm	ch 200									
	Date Standard (Mines) (Tards) Kined injured Troperty Crops Character of Storin										
<u>PACIFIC</u>	out, all breadfruit trees and most of the coconut trees and also the thatched roof houses were blown down. Residents of Wole shelter in the Elementary and High School facilities. Winds were estimated to have gusted as high as 105 mph.	ai sough									
	During the early morning hours of the 3rd the typhoon passed over the atoll of of Sorol. Sorol was uninhabited at the time. Ju noon that day Mitag passed 50 miles south of Yap. Just after noon the typhoon passed 60 miles northwest of Ngulu.	ist before									
	Maximum gust WSO YAP from SE at 75 mph at 1310 on the 3rd NGULU AMOS from SW at 63 mph at 1400 on the 3rd ULITHI AMOS from E-NE at 49 mph at 0300 on the 3rd										
	 24 Hr rainfall WSO YAP received 3.70 inches ending at 1600L on the 3rd with a storm total was 3.89 inches NGULU AMOS received 10.05 inches ending at 1500L on the 3rd ULITHI AMOS received 1.00 inch ending at 0600L on the 3rd 										
	Damage on Yap										
	No injuries or deaths were reported.										
	Island power failed at 1300L on the 3rd due to some lines being ripped off the poles by high winds. Island power was re 1600L on the 5th.	estored a									
	Northern clockwise through southern shores of the main Island of Yap was heavily destroyed, mainly due to the thunderous storm surge pounding the shoreline. Private dwellings along the shore was washed away. Even some concrete buildings close to the shoreline was destroyed by the surf. Destiny Hotel in Gilman was completely demolished. In some areas, the strong tidal surge went inland as far as 600 feet.										
	Part of the roof at the Yap International Airport terminal was ripped off. The boarding area, check-in area, waiting area, and arri area flooded with rain water and debris.										
	Most of the roads and causeways in Colonia were under 4 to 5 feet of water. The whole length of the Colonia Park Seawall was damaged by high tide and strong currents from the storm.										
	Numerous trees were damaged or knocked down across Yap. The fallen trees blocked many roads. On the southern most ti much damage was done to food crops and residential areas. The southeastern side of the tip had about 95 % damage shoreline up to 400 meters inland. The western side of the southern tip only had 30 % overall damage. The Church of St Assisi in Guroor near the southern tip of Yap lost part of its stone platform due to the strong currents from the storm Magachgil to the south of Guroor, many coconut trees were either uprooted or broken in half.	from th t. Franci									
	Many Taro crops had salt water intrusion caused by the sea inundating them. Those Taro patches that were not destroyed inundation had plants die later on due to salt water intrusion into the roots or even from salt spray.	ed by th									
	A sample of crop damage on Yap										
	Land Taro50 to 90%damageTaro10 to 50%damagePapaya40 to 50%damageBanana70 to 90%damageSweet Potatoes0 to 80%damagePumpkin0 to 70%damageBreadfruit60 to 80%damageCoconut40 to 50%damageBetel Nut60%damagePepper leaves80%damage										

gust were observed on the northern islands of Kay Angle. No damage was reported.

		Time Local/	Path Length	Path Width		iber of sons	Estim Dam			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	

PACIFIC

Indirect effects of the Typhoon.

The damage to the food crops on some of the small islands in Yap and Chuuk States caused hardships on the people there. With Taro crops filled with salt water and banana and breadfruit trees destroyed or damaged many people went hungry on the small islands. A death on Nomwim Atoll in Chuuk State has been attributed to health problems caused in the wake of Typhoon Mitag. Some of the islands only had food for one to two weeks.

A man in Palau died as an indirect result of the storm. 36 year old Akino Isamu was helping his friend to cut down a coconut tree in Peleliu. They thought it posed a danger to a house if strong winds from the typhoon reached Palau. When the tree was cut and started to fall, Akino tried to avoid it but guessed wrongly. The tree fell directly on him, pinning him to the ground. M36UT

PENNSYLVANIA, Central

PENNSYLVANIA, C PAZ004>006-010>012-		onon N	authoun (linton Clo	aufield Neuthern Centre Southern
017>019-024>028-	 Warren - Mckean - Potter - Elk - Cam Centre - Cambria - Blair - Huntingdon - 				
033>037-041>042-	Northern Lycoming - Sullivan - South				
045>046-049>053-	Northumberland - Columbia - Perry -				
056>059-063>066	Lancaster	Daupiiii	- Schuy	KIII - LEDal	ion - Cumbertanu - Auams - Tork -
	09 1930EST	0	0	50K	High Wind (G50)
	10 0500EST	Ū	U	2011	riigh Wind (050)
	A strong cold front approached central Pennsylva afternoon across the region. By evening, a line of area. Damaging winds accompanied the front and estimated to be between 50 and 60 mph. After crc convection with lightning and thunder. More inte Damaging winds continued throughout the night. nine hour period from 7:30 p.m. EST on the 9th th	showers and d occurred a cossing the c nse damage All 36 CT	ecompanyir after the fro entral porti was noted P zones rep	ng the cold from ntal passage as ons of the region with the front orted multiple	at entered the western edge of the CTP forecast is winds shifted to the west. Wind speeds were on, the line of showers intensified into a line of as it crossed the eastern portions of the region.
	In addition to trees and wires, more notable pr Cumberland County, was reported. The house ha was also blown off of a building in Lancaster, La around 70 mph in Danville, Montour County. damage. Also in Northumberland County, in the 15,000 homes lost power in Altoona, Blair County	nd it's roof incaster Co A section e town of I	blown off, unty. A dr of a wareh	while the roof ive-in movie so ouse in Milto	of a 30 by 80 foot barn was lifted off. A roof creen was destroyed by winds, estimated to be n, Northumberland County, sustained serious
Union County					
Lewisburg	09 2235EST Trees were down.	0	0		Thunderstorm Wind (G50)
Snyder County					
Selinsgrove	09 2245EST	0	0		Thunderstorm Wind (G50)
Semisgrove	Trees were reported down in Selinsgrove.	Ū	Ū		
	rices were reported down in Demisgrover				
Lycoming County					
Hughesville	09 2248EST	0	0		Thunderstorm Wind (G60) M
	A 60 mph thunderstorm wind gust was recorded.				
Sullivan County					
Nordmont	09 2250EST	0	0		Thunderstorm Wind (G50)
	Trees and wires were reported down.				
Montour County					
Danville	09 2250EST	0	0		Thunderstorm Wind (G50)
Dunvine	Trees and wires were reported down in Danville.	Ū	Ū		
X7 / X X					
Northumberland					
County	00 00000CT	0	0		
Sunbury	09 2300EST	0	0		Thunderstorm Wind (G50)
	Trees were downed.				

		Time Local/	Path Length	Path Width		ber of rsons	Estima Dama		March 2)02
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
PENNSYLVANIA,	Central									
Columbia County										
Bloomsburg	09	2305EST			0	0			Thunderstorm Wind (G50)	
	Trees	were reported de	own in Bloo	msburg.						
Dauphin County										
Harrisburg	09	2315EST			0	0			Thunderstorm Wind (G50)	
-	Trees	and wires were	down.							
York County										
York	09	2335EST			0	0			Thunderstorm Wind (G50)	
	Trees	and wires were	reported dov	vn in York.						
Schuylkill County										
Tamaqua	09	2335EST			0	0			Thunderstorm Wind (G50)	
•	Trees	and wires were	down.							
Lebanon County										
Lebanon	09	2341EST			0	0			Thunderstorm Wind (G50)	
	Trees	and wires were	reported dov	vn in Lebanon						
Lancaster County										
Ephrata	10	0010EST			0	0			Thunderstorm Wind (G50)	
•	Trees	were reported d	own in Ephr	ata.						
PAZ056-063>066	Perr	y - Cumberla	nd - Adam	s - York - L	ancaster					
	21	1830EST			0	0	25K		High Wind (G50)	
		1940EST								
	in Pe	rry County, whi	ile in Cumb	erland Count	y a roof w	as torn f	rom a mobil	e home.	inds. A roof was reported off of a buil Numerous trees were reported dow blown away in Lancaster County, on	n in
		nerville and the s			ii. Iii uuu		greennouse	s were a	iowii uwuy in Euleuster County, on	, 111
PAZ005>006-037	Mck	ean - Potter -	Tioga							
112000/000000	24	2300EST	11054		0	0			Winter Storm	
	26	0300EST			-	-				
			0		snow, slee	t, and free	ezing rain to t	the regior	n. Snowfall totals ending early morning	g on
	Marc	h 26th were betw	veen 6 to 7 in	nches.						

PENNSYLVANIA, East

PAZ054>055-060>062- Carbon - Monroe - Berks - Lehigh - Northampton - Chester - Montgomery - Bucks - Delaware - Philadelphia 067>071

01	0000EST	0	0	0	Drought
31	2359EST				

Eastern Pennsylvania entered arch 2002 with considerably dry conditions and a drought emergency in effect. Governor Mark Schweiker upgraded the drought warning to a drought emergency for all of Eastern Pennsylvania on February 12th. The drought emergency placed an immediate ban on non-essential use of water. Water could be served in restaurants only be request. Vehicles could only be washed by buckets or hand held hoses with automatic shutoff nozzles. There was a limit to the amount of watering for newly seeded or sodded grass. Golf courses could only water greens, tees and fairways in accordance with state approved water conservation plan. Swimming pools cannot be filled or topped off unless they are open to the public or to dwellings of more than 25 units. Ornamental fountains, reflecting pools and waterfalls must be emptied and there were restrictions on watering of athletic fields. The drought emergency declaration allows communities to implement and enforce mandatory water conservation measures and develop local drought emergency plans. Public water suppliers will also implement their own drought contingency plans and large self-supplied commercial and industrial water users will have to develop individual drought contingency plans. The governor was particularly concerned about private wells running dry. This was already occurring in Chester and Montgomery Counties. During March, requests for deeper wells also came from Nockamixon Township (Bucks County) and Easton (Northampton County). The unseasonably dry weather resulted in outdoor burning bans in Berks, Chester and Montgomery Counties. This was only the second countywide outdoor burning bans in Montgomery County history. Local during bans were also in effect in Bucks and Carbon County.

The Delaware River Basin Commission, which oversees water supply throughout the Delaware River Basin declared a "drought" on December 3rd when the supply of water in the New York City reservoir system dropped below a designated level for early December. The commission declared a drought emergency on December 18th. Both triggered additional reductions in the amount of water released from the reservoirs into the Delaware River and the amount diverted out of the Delaware River Basin to New York City and New Jersey. Diversions to New York City dropped from 800 million gallons a day to 520 million gallons a day. The emergency

		Time Local/	Path Length	Path Width	Numb	ons	Estima Dama	ige		March 200
location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
PENNSYLVANIA,	East									
<u>'ENNSYLVANIA,</u>	declar comm federa could aquati indust levels Delaw reques less w Nocka Condi resulte the sta	ission the author I, state and priv be used to main c life and also ries and increas are also impor- vare River was st that utilities a vater and submi- umixon (Bucks C tions improved ed in above norm ate. On a county	rity to take v vately owned itain river lev prevents salt es water treat tant for grou five miles fa nd other con t the plans to County) into ' as the mont mal precipita v weighted a	water from m I reservoirs. M yels. They we water from atment costs indwater rese rther upstreau panies that u to the commis Tohickon Cre h wore on. P tion for Easte verage, Marcl	unicipal rese Water from I re last used f flowing up t for municipa rves that are n than norm se more than sion. Becaus ek for March recipitation e rn Pennsylva h monthly pr	rvoirs to cake Noo or this p he Delay lities tha recharg al. The o one mil e of the 16th wa vents or nia. This ecipitatio	maintain riv ckamixon, th urpose in the ware River. I t depend on ed by the ri emergency d llion gallons drought eme is cancelled.	ver levels. he F.E. We 1960s. T Salt wate the river ver itself leclaration of water ergency, t and 3rd, st month ged from	could draw from the It could also call for v Valter Reservoir and La Che releases help protec r intrusion causes corror for their water supply On March 1st, the s a also gives the commi a day to prepare contin the annual white water 13th, 17th and 18th, 2 since June of 2001 that 3.3 inches in Northam tal was 3.68 inches at	vater releases from the Wallenpaupact t the riverbank arrowing problems for . Maintaining rive alt front along the ssion the power release from Lake 20th, 26th and 31 the eastern part of pton County to 5
	Intern City F April	ational Airport, Reservoirs which 1st. The salt fro	4.03 inches a feed the De ont on the D	at the Philadel Plaware River Plaware River	phia Internat increased fro r was only 2	ional Air om 39.3 miles fa	port and 3.5 percent of ca orther upstrea	9 inches a apacity or	at Reading (Berks Coun March 1st to 50.2 per- normal on April 1st. Av	ty). The New Yor cent of capacity of
	major	rivers during th		iaren was oni	y about 50 pe	ACCIII OI	normal.			
Carbon County Aquashicola	01	1330EST			0	0	0	0	Wild/Forest Fire	
Aquasilicola	01	1500EST			U	U	U	0	whu/Forest Fire	
	condit		ead the fire of				1		(Lower Towamensing nanaged to contain the	1 /
Berks County										
Morgantown to Douglasville Carbon County	02 03	2030EST 0130EST			0	0		0	Heavy Rain	
Countywide	02 03	2030EST 0230EST			0	0		0	Heavy Rain	
Chester County Atglen to	02	2030EST			0	0		0	Heavy Rain	
Spring City	03	0130EST			Ū	Ŭ		Ŭ		
Delaware County		•••••			0	0		0		
Countywide	02 03	2030EST 0130EST			0	0		0	Heavy Rain	
Monroe County										
Countywide	02 03	2030EST			0	0		0	Heavy Rain	
	A low early t wettes rain fe occurr around daybre Count (Carbo	morning of the st single precipit ell across Carbo red, but streams d 6 p.m. EST or eak on the 3rd. S y), 1.54 inches	3rd and brou ation event s on, Monroe, were running the 2nd. The Specific storr in Springfiel 8 inches in	ight a signific ince Septemb Delaware, so g so low prior he heaviest rai n totals includ d Township (cant precipita oer of 2001. S utheastern B r to the rain t in fell betwee led 2.13 inch Delaware Co	tion even storm tot erks and hat they en 830 p. es in Bla punty), 1	nt for the ea als averaged northwester did not flood .m. on the 21 keslee (Mon .52 inches in	stern part l between rn Cheste d. Rain sp nd and 23 rroe Coun n Mount H	northeast through Penns of the state. In most lo 0.75 inches and 2.00 ir or Counties. Some poor pread from south to nort 60 a.m. EST on the 3rd. ty), 1.62 inches in Chao Pocono (Monroe County) pore (Chester County)	ocations, it was the ches. The heavier drainage floodin h across the region The rain ended l lds Ford (Delawa y) and Meckesvil
Berks County		000050			•	•				1 (0.50)
Wyomissing	occurr its Per	red to the west of	of Reading w	here scattere	d trees were	knocked	down. Penn	sylvania	Thunderstorm Win EST on the 10th. The w Power and Light report nage though was west of	vorst wind dama ed about 56,000
Carbon County		-								

•	R.	Time Local/	Path Length	Path Width	Number Person	IS	Estimated Damage	CI 1 1 1	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed I	njured	Property Crops	Character of Storm	
<u>PENNSYLVANIA, Ea</u>		of strong to sev	vere thunder	storms move	d through Carb	on Cou	ntv around midnight	EST on the 10th. The	worst wind damage
	occurr county reporte	red in Mahoning , a SKYWARN	g Township Spotter mea of its Penns	where numer asured a wind sylvania custo	ous large tree gust to 53 mp	limbs li h and ha	ittered Pennsylvania ad pea size hail in Al	State Route 902. On brightsville. Pennsylva nderstorms. The worst	the other side of the mia Power and Ligh
Monroe County Countywide	10	0010EST			0	0		Thunderstorm W	ind (G50)
	and a fell. F	few whole trees Pennsylvania Po	were knock wer and Li	ed down, ma ight reported	inly in the east about 56,000	ern part of its	of the county. SKY	ght EST on the 10th. I WARN Spotters also r mers lost power bec	reported pea size hai
Lehigh County									
Slatington	was re 56,000	eported in Slatin	ngton Borou vania custor	gh where a	couple of trees	s were l	knocked down. Penr	Thunderstorm W t EST on the 10th. The asylvania Power and 1 The worst damage tho	e worst wind damage Light reported abour
Northampton County 2 SE Glendon	reporte towns Penns	ed wind damag hip's roadways.	e occurred A National nd Light rep	in Williams Weather Serv oorted about 5	Township whice Cooperative 56,000 of its Pe	ere nur e Obser ennsylva	nerous large tree li ver said it was an ob ania customers lost p	Thunderstorm W er midnight EST on mbs and several who stacle course getting to ower because of the li	the 10th. The wors ole trees littered the o work that morning
Philadelphia County Philadelphia	10 A SKY	0155EST YWARN Spotte	r measured a	a wind gust to	0 o 69 mph in Jur	0 niata Par	0 k.	Thunderstorm W	ind (G60) ^M
Bucks County									
Countywide	10 A seve	0200EST 0220EST ere thunderstorm	n tore down	numerous tree	0 e limbs through	0 iout Buc	eks County.	Thunderstorm W	ind (G50)
PAZ054>055-060>062-	Carb	on - Monroe	- Berks - I	ehigh - No.	rthampton -	Chest	er - Montgomery	- Bucks - Delawar	e - Philadelphia
067>071	10	0400EST 1900EST			0	0	0	Wind	
	thunde after r very i dawn Peak Lehigl	ong cold frontal erstorms accomp nidnight. The su ntense low pres into the early ev wind gusts aver h Valley Interna	banied its pa arface pressu sure system rening of the aged betwee tional Airpo	ssage and pro tre difference (around 970 10th. As the en 35 and 50 rt, 45 mph ir	oduced some w e (pressure grad millibars) just high pressure s mph and incl n Reading (Berl	ind dam dient) be east of system r uded 47 ks Coun	hage on its own from etween a high pressu James Bay produce noved closer to Penn 7mph at the Philadel tty), 41 mph at the V	the winter season on a Berks and Bucks Course system in the Miss d more windy conditi asylvania late in the da lphia International Ain Villow Grove NAS (M and 37 mph in Doylesto	unties northward jus sissippi Valley and a ons from just before y, winds diminished rport, 46 mph at the Iontgomery County)
PAZ054>055-060>062- 067>071	Carb	on - Monroe	- Berks - I	.ehigh - No	rthampton -	Chest	er - Montgomery	- Bucks - Delawar	e - Philadelphia
	afterne Precip precip occurr precip Precip	oon of the 18th itation was mini- itation fell as m red. Across Ben itation fell thro itation fell as p	h. In Philade xed with so ainly rain w rks, Chester ughout the lain rain fro	elphia and it ome rain and ith some slee , Montgome evening and om the early	s suburbs snow I sleet from the et mixed in from ry and Bucks there were even morning on the	w begar ne start m time Counti ren som e 18th u	n falling between 3 in Philadelphia and to time into the early es, the change to the pockets of freezin until it ended during	Wintry Mix from the afternoon of p.m. EST and 4 p.m d Delaware Counties. y morning of the 18th sleet and plain rain ng rain in the upper that day. Snow and T and 5 p.m. EST on	 EST on the 17th After 8 p.m. EST Little accumulation took longer. Mixed parts of the county sleet accumulations

		Time	Path	Path	Numb		Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso Killed	ns Injured	Damage Property Crops	Character of Storm	
PENNSYLVANIA, Ea	ist								
	Pocon after n in the heavie this ev averag	os, snow began f nidnight EST on early morning st precipitation r vent occurred on	falling betw the 18th. T to the high remained so a a Sunday orth and the	een 4 p.m. ar he change to er terrain in uth of the reg night, no sig	nd 6 p.m. EST plain rain too the mid-after gion. Ice accre mificant accid This probably	on the 1 k most o noon. Sr tions fro ents wer helped 1	17th. Sleet, rain and of the daylight hours now and sleet accur om the freezing rain re reported. High te	n remained south of th freezing rain began mix on the 18th to go from nulations averaged arou were less than one-quar mperatures from the 14 elatively warm and ice	ing in with the snow the southern valleys and one inch as the ter of an inch. Since th through the 16th
	Tobyh Count (Carbo	anna (Monroe C y), Springtown (County) and Bucks Coun inches in A	Warrington nty), Hatfield Allentown (I	(Bucks Coun (Montgomer ehigh County	y), 1.0 i y County y), 0.5 ii	inch in Mount Poco y) and Doylestown (nches in East Strou	in Newtown (Bucks Co no (Monroe County), E Bucks County), 0.9 inc dsburg (Monroe Count	aston (Northampton hes in Albrightsville
	eastern feet of during heavie since t	Canada and no our atmosphere the morning of st precipitation r	rthern New b. Meanwhil the 17th. It remained fro	England on the a weak low moved eastworm the Philad	the 17th and h pressure system and off the Ca lelphia suburb	elped lo em deve rolina co s and sou	ck the cold air in pla eloped on the old co oast on the18th. Bec uthern New Jersey so	colder air. A high press (ce, especially at and wi Id frontal boundary in the ause the low was so far bouthward with this even to scour the cold air fron	thin the lowest 5000 he Tennessee Valley south and weak, the t. On the other hand,
PAZ054>055	Carb	on - Monroe							
	20	0100EST 1600EST			0	0	0	Snow	
	higher elevati precip afterno drove were o proble the tra in Pen Stroud	terrain and the p tons, precipitation itation changed bon before the cl into a telephone cancelled and th ms in the higher cks of the North m Forest Towns Isburg (Monroe	precipitation on fell as m briefly to r nange to pla pole. The c e morning terrain, the fork Southe hip (Carbor County). Th	a intensity wa hainly rain. S ain before it in rain. The driver and pa kindergarten heavy rain a ern Railroad. a County), 4 he low pressu	is heavy enoug Snow began of ended late in worst reported ssenger were classes were at lower eleva No injuries of inches in To ure system res	the to have over the aften accident not series not dismissions cause signific byhanna ponsible	re precipitation fall a higher terrain shor ernoon on the 20th t occurred in Polk T busly injured. In Mo hissed until the end used a rockslide five cant damage occurre and Pocono Summ for the higher terra	There was enough cold s snow. Meanwhile in t dy after midnight on th Freezing rain briefly ownship (Monroe Count nroe County, afternoon of the school day. Wh miles north of Jim Tho d. Specific accumulatio it (Monroe County) an in snow moved from so a Peninsula during the e	he valleys and lower he 20th. Even there mixed in during the ty) when a motorist kindergarten classes ile the snow caused rpe. Rocks slid onto ns included 5 inches d 0.7 inches in East uthern Texas on the
PAZ054>055	Carb 21	on - Monroe 1830EST 2130EST			0	0	0	Snow Squalls	
PAZ054>055-060>062- 067>071	Carb		Berks - I	.ehigh - No	rthampton	- Chest	ter - Montgomery	- Bucks - Delaware	e - Philadelphia
0072071	21	1830EST			0	0	0	Wind	
	betwee occurr which serious Northe Interna 41 mp	en 40 and 50 m ed with the cold accompanied th s accidents or in east Philadelphia ational Airport (I h in Doylestown	nph in most l frontal pas le cold fron juries were a Airport, 4 Luzerne Cou l (Bucks Co	places. The ssage and dui- tal passage i reported. Pei 6 mph at Re inty), 45 mph unty). Snowf	strong gusty ring the ensui n the Pocono ak wind gusts eading (Berks n in Lancaster all accumulati	winds pend ng eveni s. Near v included County) (Lancast ons inclu	ersisted throughout t ing. The strong gust whiteout conditions d 49 mph at the Lef), Pottstown (Montg ter County), 43 mph uded 1.5 inches in Po	1st. It was accompanie he night, although the y winds were complica were reported with the igh Valley Internationa omery County) and W at the Philadelphia Inter ocono Summit (Monroe byhanna (Monroe Coun	strongest wind gusts ted by snow squalls heavier squalls. No l Airport, 48 mph at ilkes-Barre/Scranton national Airport and County), 1.0 inch in
PAZ054>055		on - Monroe			Δ	0		Ico Storm	
	26	0600EST 2000EST			0	0		Ice Storm	
	A large high pressure system moved across southern Canada on the 25th and was centered just northwest of Maine the morning of the 26th. It pumped unseasonably cold air into the Poconos and temperatures early on the 26th were below freezing. Meanwhile a low pressure system moved from Oklahoma on the 25th into the Tennessee Valley on the 26th. This low pumped warmer air aloft above its warm frontal boundary toward the Poconos. While it was warm enough aloft for precipitation to fall as rain, as it reached the								

s the high es were fa enough to the early ange the f 0 0	und daybreak o ner terrain of no irly close to fr o keep most roa evening on the freezing rain to 10K	Crops Character o on the 26th. It changed orthern Carbon and Mo reezing, roadway cond ad surfaces wet and noi e 26th, the low pressure o rain just as thunders Thunders M EST. 1 injury with the Thunders	f Storm quickly to rain in some of the onroe Counties. Since most of litions were reported in good t icy. But, around one-quarter e system was nearing the area torms with heavier rain were torm Wind (G60) ttorm Wind (G60) this event. Tree fell on house torm Wind (G60)
ss the high es were fa enough to the early ange the f 0 0 1 allas towns 0 0	ner terrain of no irly close to fr b keep most roa evening on the reezing rain to 10K	orthern Carbon and Mc reezing, roadway cond ad surfaces wet and no 2 26th, the low pressure o rain just as thunderst Thunders Thunders M EST. 1 injury with the Thunders	nroe Counties. Since most of litions were reported in good t icy. But, around one-quarter e system was nearing the area torms with heavier rain were norm Wind (G60) (torm Wind (G60) this event. Tree fell on house torm Wind (G60)
ss the high es were fa enough to the early ange the f 0 0 1 allas towns 0 0	ner terrain of no irly close to fr b keep most roa evening on the reezing rain to 10K	orthern Carbon and Mc reezing, roadway cond ad surfaces wet and no 2 26th, the low pressure o rain just as thunderst Thunders Thunders M EST. 1 injury with the Thunders	nroe Counties. Since most of litions were reported in good t icy. But, around one-quarter e system was nearing the area torms with heavier rain were norm Wind (G60) (torm Wind (G60) this event. Tree fell on house torm Wind (G60)
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		Thunders	torm Wind (G60)
unty white.			
0		Thunders	torm Wind (G60)
ms as a str	rong cold front	moved through the reg	gion.
0		Flash Flo	od
0		Flash Flo	ho
0		Flash Flo	ou
half inchent fell onto and strear aused by a ylvania be	es of precipitation of a saturated snot ms flooded in t a strong slow me efore picking u	the area the evening of noving surface low in a p speed to be in Mat	Snow depths were only a few f the 26th. The Susquehanna West Virginia the morning of
0		Flood	
l a ain cs c: ns nn Ne Ne fe	their banks. I a half inch ain fell onto as and stream caused by a nsylvania bo ning event 0 0 0 New York o . Most of th as were only he Susqueha feet 9 PM of 11 feet at 6 into Susque	their banks. I a half inches of precipital ain fell onto a saturated sn caused by a strong slow r nsylvania before picking u ning event on the north side 0 0 New York on the 27th and Most of the rain fell in a swere only a few inches w he Susquehanna River at E feet 9 PM on the 27th the 11 feet at 6:30 PM on the into Susquehanna County.	their banks. I a half inches of precipitation mostly in the form ain fell onto a saturated snow covered ground. S cs and streams flooded in the area the evening of caused by a strong slow moving surface low in insylvania before picking up speed to be in Ma ming event on the north side of a warm front.

below flood stage at 8 AM on the 28th. The Waverly, New York river gage is actually located in Sayre, Pennsylvania.

Tate: Path Path Number of Locality Estimated Data Location Data Standard Oxidity (Yacid) Kild Report Copy Character of Storm PENNSYLVANIA, Northwest PAZ001>003 Northerm Frie - Southern Erie - Crawford 0 0 225K Heavy Snow 0 10 0 225K Heavy Snow 0 0 50 The Control of the 3d with the heaviest are on fail 0 0 10 250K Heavy Snow 0 0 550K High Wind (G32) " PAZ001>003 Northerm Frie - Southern Erie - Crawford 0 0 550K High Wind (G32) " 10 0.0400EST 0 0 550K High Wind (G32) " PAZ001>002 Northern Frie - Southern Erie 10 0 400K Harper Sourced Comp with a 55 mh guy at Frie International Airport (Frie County at 758 pm. Many trees and power of owned jower downed. Northern Frie - Southern Erie 0 400K Harper Sourced County with 4 to 6 inches of sour near Lake frie. Northern Frie - Southern	Ś	Stori	m Data	a and	Unus	ual W	eat	her Phe	enomena	
Location Date Standard (Miles) (Yards) Killed Ipped Property Copy Copy Copy Copy Character of Storm PENNSYLVANIA.Northwest Northerm Frie - Southern Erie - Crawford 0 0 225K Heavy Snow 64 2000EST 0 0 25K Heavy Snow 64 2000EST Heavy Snow 64 2000EST If an uning cold front seed sets across northwesters in Eric Contry with 7 inches in northe Contry. Officially, 99 inches of snow fell at Erie International Airport. PAZ001>003 Northern Frie - Southern Erie - Crawford 0 0 550K High Wind (G52) ^M Main down of goal of fast moving cold front cased cast across northwestern Penns/lymia during the early evening home with a 55 mph past at Erie International Airport. Frie - County in 758 pm. Many trees and power poles were downed power poles were downed power poles were downed power poles. PAZ001>002 Northern Frie - Southern Erie - County off to 1 to 1 inches of snow fell at strong cold front cased sate across northwestern brens of une arrow strows. PAZ001>002 Northern Frie - Southern Erie - Crawford 22 2000EST 0 0 300K Heavy Snow PAZ001>003 Northern Frie - Southern Erie - Cra										March 200
PAZ001>003 Northern Eric - Southern Eric - Crawford Viscoury	Location	Date		-				-	os Character of Storm	
PAZ001>003 Northern Eric - Southern Eric - Crawford U State Heavy Snow 04 2000EST 0 0 25K Heavy Snow PAZ001>003 Northern Eric - Southern Eric - Crawford 0 0 550K High Wind (652) ³⁴ PAZ001>003 Northern Eric - Southern Eric - Crawford 0 0 550K High Wind (652) ³⁴ PAZ001>003 Northern Eric - Southern Eric - Crawford 0 0 550K High Wind (652) ³⁴ PAZ001>002 Northern Eric - Southern Eric 0 0 550K High Wind (652) ³⁴ PAZ001>002 Northern Eric - Southern Eric 0 0 0 50K High Wind (652) ³⁴ PAZ001>002 Northern Eric - Southern Eric 0 0 40K Heavy Snow PAZ001>003 Northern Eric - Southern Eric - Crawford 2000EST 10 40K Heavy Snow PAZ001>003 Northern Eric - Southern Eric - Crawford 2 000EST 10 0 30K Heavy Snow PAZ001>003 Northern Eric - Southern Eric - Crawford 2 000EST	PENNSYLVANIA.	Northwe	est							
Quick ST Westerly flow caused lake effect snow showers to develop during the afternoon of the 3dt with the heaviest snow fall it early morning hours of the 4th. Nearly 15 inches of snow fell at Waterford in Erie County with 7 inches in nonthe County. Officially, 9.9 inches of snow fell at Erie International Airport. PAZ001>003 Northern Erie - Southern Erie - Crawford 0 0 550K High Wind (652) ⁵⁵ PAZ001>003 Northern Erie - Southern Erie - Crawford 0 0 0 550K High Wind (652) ⁵⁵ PAZ001>002 Northern Erie - Southern Erie - Crawford 100 0 0 400KST Northern Erie - Southern Erie - Crawford 100 0 0 400K Heavy Snow 200EST PAZ001>002 Northern Erie - Southern Erie - Crawford 22 000EST 0 0 400K Heavy Snow 200EST Vesterly winds behind a strong cold front caused lake effect snow showers to develop during the early morning hour inche of snow fell arcs in som shower sto develop during the early morning hour inche of snow fell arcs in som shower sto develop during the early morning hour inches feet snow showers developed during the early morning hour inches ster So mythern Erie - Crawford 22 000EST 0 300K Heavy Snow 200EST PAZ001>003 Northern Erie - Southern Erie - Crawford 22 000EST 0 0 300K Heavy Snow 200EST PAZ001>003 Northern Er				outhern E	rie - Crawfoi	rd				
Westeryl flow caused lake effect snow showers to develop during the afternoon of the 340 with the heaviest snow fall at Earler International Airport. PAZ001>003 Northern Erie - Southern Erie - Crawford 10 with a 10 of SSOK High Wind (G52) ¹⁴ PAZ001>003 Northern Erie - Southern Erie - Crawford 10 with a 10 of SSOK High Wind (G52) ¹⁴ PAZ001>002 Northern Erie - Southern Erie International Airport (Eric County via 175 Binn. Many trees and power poles were downed power outges also occurred. Several down buildings and homes were damaged by the strong winds. PAZ001>002 Northern Erie - Southern Erie - Crawford 2000/ST 0 400K Heavy Snow PAZ001>002 Northern Erie - Southern Erie - Crawford 2000/ST 0 400K Heavy Snow PAZ001>002 Northern Erie - Southern Erie - Crawford 2000/ST 0 400K Heavy Snow PAZ001>003 Northern Erie - Southern Erie - Crawford 2000/ST 0 300K Heavy Snow PAZ001>003 Northern Erie - Southern Erie - Crawford 2000/ST 0 300K Heavy Snow PAZ001>003 Northern Erie - Crawford 2000/ST 0 300K Heavy Snow PAZ001>004 10 10 the day causing significant blowing and drifting nod whitting and						0	0	225K	Heavy Snow	
early morning hours of the 4th. Nearly 15 inches of snow Fell at Waterford in Eric County with 7 inches in north County. Officially, 9.9 inches of snow fell at Eric International Airport. PAZ001>003 Northern Eric - Southern Eric - Crawford 0 1730EST 0 0 0 550K High Wind (G52) 1 A strong and very fast moving cold front raced east across northwestern PenstyVania during the early evening hours winds occurred along and behind this front. A 60 mp gust was measured at the Meadville Airport (Crawford County with a 55 mph gast at Eric International Airport (Eric County) at 758 pm. Many trees and power poles were downed power outages also occurred. Several dozen buildings and homes were damaged by the strong winds. PAZ001>002 Northern Eric - Southern Eric 10 0000EST 0 0 400K Heavy Snow Westerly winds behind a strong cold front caused lake effect snow showers to develop during the early morning hour and of mp for much of the day causing whitout conditions and significant blowing and drifting problems. PAZ001>003 Northern Eric - Southern Eric - Crawford 2 000EST 0 0 0 300K Heavy Snow 2000EST PAZ001>003 Northern Eric - Crawford 2 000EST 0 0 0 200K Winter Source and whitoward conduitons were gueraful 4 to 8 inches with a strong cold front. Westerly winds behind a strong early conditions on significant blowing and drifting and whiteout conditions. Snow Air Marketer Konty. Snow drifts several feet in dept were reported. PAZ001>003 Northern Eric - Southern Eric - Crawford 2 1000EST 0 0 0 200K Winter Store PAZ001>003 Northern Eric - Crawford 2 1000EST 0 0 0 10K Thunderstorm Wind County wide 0 1845EST 0 0 0 10K Thunderstorm Wind County wide 0 1845EST 0 0 0 10K Thunderstorm Wind Countyvide 0 1845EST 0 0 0 50K Thunderstorm Wind Countyvide 0 1845EST 0 0 0 50K Thunderstorm Wind Countyvide 0 1845EST 0 0 0 50K Thunderstorm Wind Countyvide 0 1845EST 0 0 0 10K Thu				d lake effect	snow showers	to develop o	luring th	e afternoon of the	3rd with the heaviest snow	falling during th
op if 20EST op SSOK High Wind (GS.) M A strong and very fast moving cold front raced east across nonthwestern Pennsybunia during the endry evening hour with a 55 mph gust at Eric International Airport (Eric Control) at 758 pm. Many trees and power poles were downed power outages also occurred. Several dozen buildings and homes were damaged by the strong winds. PAZ001>002 Northerr Eric - Southern Erie 2000EST 0 0 000K Heary Snow PAZ001>003 Northerr Eric - Southern Erie - Crawford 2000EST 0 0 000K Heary Snow PAZ001>003 Northerr Eric - Southern Erie - Crawford 2000EST 0 0 000K Heary Snow PAZ001>003 Northerr Eric - Southern Erie - Crawford 2000EST 0 0 0 000K Heary Snow PAZ001>003 Northerr Eric - Southern Erie - Crawford 2000EST 0 0 0 000K Heary Snow PAZ001>003 Northerr Eric - Southern Erie - Crawford 2000EST 0 0 0 000K Heary Snow PAZ001>003 Northerr Eric - Southern Erie - Crawford 2000EST 0 0 0 000K Heary Snow PAZ001>003 Northerr Eric - Southern Erie - Crawford 2000EST 0 0 000K<		early 1	morning hours	of the 4th.	Nearly 15 inc	hes of snow	fell at	Waterford in Erie		
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winds occurred along and behind this front. A 60 mph gust was measured at the Meakville Airport (Cawford Count) power outages also occurred. Several dozen buildings and homes were damaged by the strong winds. PAZ001>002 Northern Eric - Southern Eric 2000EST 0 0 400K Heavy Snow 2000EST 0 0 0 300K Heavy Snow 2000EST 0 0 0 200K Winter Store Snow 2000EST 0 0 0 200K Winter Store Snow 2000EST 0 0 0 200K Winter Store Snow 2000EST 0 0 0 200K Winter Store 2000EST 0 0 0 10K Thunderstore Wind 25 inches still a maximum of 8.3 inches at Erie International Airport. The snow was very wet and h conditions on untreated roadways very treacherous. EENNSYLVANIA.WEST Beaver County Countywide 0 1845EST 0 0 0 10K Thunderstore Wind 1900EST 0 10 Not Stretching across southern Ohio and West Virginia. Snow a ranged from 6 to 8 inches with a maximum of 8.3 inches at Erie International Airport. The snow was very wet and h conditions on untreated roadways very treacherous. EENNSYLVANIA.WEST Beaver County Countywide 0 1845EST 0 0 0 10K Thunderstore Wind 1900EST 0 0 10K Thunderstore Wind 1900EST 0 0 10K Thunderstore Wind 1900EST 0 0 10K Thunderstore Wind 1915EST 0 0 0 20K Thundersto						Ū	Ŭ	00011	ingn ((mu (002)	
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Developmentation in the set of some kell across inland sections of Eric County with 4 to 6 inches of snow near Lake Eric. Westerly winds gus of 40 mph for much of the day causing whiteout conditions and significant blowing and drifting problems. PAZ001>003 Northern Eric - Southern Eric - Crawford Lake effect snow showers developed during the early morning hour is behind a strong cold front. Westerly winds behind a strong cold front. Westerly is a cold front fragmet and behand a strong	PAZ001>002	Nortl	hern Erie - S	outhern E	rie					
Westerly winds belind a strong cold front caused lake effect snow showers to develop during the early morning hou or do mp. for much of the day causing whiteout conditions and significant blowing and drifting problems. PAZ001>003 Norter Trie - Southern Erie - Crawford 20000ST 0 300K Heavy Snow 2000ST Lake effect snow showers developed during the early morning hours behind a strong cold front. Westerly winds but accumulations were generally 4 to 8 inches with a maximum of 10 inches near U southeastern Erie County. Snow drifts several feet in depth were reported. PAZ001>003 Porter Trie - Southern Erie - Crawford 24 2000EST 0 0 200K Winter Storm 2000 Northern 20000 Northern 2000 Northern 2000 Northern 2000		10				0	0	400K	Heavy Snow	
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Lake effect snow showers developed during the early morning hours behind a strong cold front. Westerly winds behand causing significant blowing and drifting and whiteout conditions. Snowfall m hampered by the strong winds but accumulations were generally 4 to 8 inches with a maximum of 10 inches near U southeastern Eric County. Snow drifts several feet in depth were reported. PAZ001>003 Northern Eric - Southern Eric - Crawford 24 2000EST 0 0 200K Winter Storm 25 1800EST 0 0 200K Winter Storm PAZ001>003 Northern Eric - Southern Eric - Crawford 24 2000EST 0 0 200K Winter Storm 25 1800EST 0 0 200K Winter Storm Snow as a ranged from 6 to 8 inches with a maximum of 8.3 inches at Erie International Airport. The snow was very wet and h conditions on untreated roadways very treacherous. PENNSYLVANIA. West Beaver County 0 1845EST 0 0 10K Thunderstorm Wind Countywide 09 1845EST 0 0 10K Thunderstorm Wind Isoues Str 0 10K Thunderstorm Wind 1900EST 0 10K Thunderstorm Wind Bayer County 0 <td< td=""><td>PAZ001>003</td><td></td><td></td><td>outhern E</td><td>rie - Crawfoi</td><td></td><td>0</td><td>300K</td><td>Heavy Snow</td><td></td></td<>	PAZ001>003			outhern E	rie - Crawfoi		0	300K	Heavy Snow	
gusted to over 30 mph much of the day causing significant blowing and drifting and whiteout conditions. Snowfall m hampered by the strong winds but accumulations were generally 4 to 8 inches with a maximum of 10 inches near U southeastern Erie County. Snow drifts several feet in depth were reported. PAZ001>003 Northern Erie - Southern Erie - Crawford 24 2000EST 0 0 200K Winter Storm 25 1800EST Heavy snow developed to the north of a stationary front stretching across southern Ohio and West Virginia. Snow a ranged from 6 to 8 inches with a maximum of 8.3 inches at Erie International Airport. The snow was very wet and h conditions on untreated roadways very treacherous. PENNSYLVANIA, West Beaver County Countywide 09 1845EST 0 0 10K Thunderstorm Wind 1900EST Lawrence County Countywide 09 1845EST 0 0 10K Thunderstorm Wind 1900EST Mercer County Countywide 09 1845EST 0 0 10K Thunderstorm Wind 1900EST Mercer County Countywide 09 1845EST 0 0 0 10K Thunderstorm Wind 1900EST Mercer County Countywide 09 1845EST 0 0 0 10K Thunderstorm Wind 1900EST Mercer County Countywide 09 1845EST 0 0 0 10K Thunderstorm Wind 1900EST Washington County Countywide 09 1845EST 0 0 0 10K Thunderstorm Wind 1900EST Butler PIONEST Butler PIONEST Butler PIONEST 0 0 20K Thunderstorm Wind 1915EST 0 0 20K Thunderstorm Wind 1915EST Butler PIONEST Butler PIO										
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Heavy snow developed to the north of a stationary front stretching across southern Ohio and West Virginia. Snow a ranged from 6 to 8 inches with a maximum of 8.3 inches at Erie International Airport. The snow was very wet and h conditions on untreated roadways very treacherous. PENNSYLVANIA, West Beaver County Countywide 9 1845EST 0 0 10K Thunderstorm Wind Lawrence County 1900EST 0 10K Thunderstorm Wind Mercer County 0 0 10K Thunderstorm Wind Mercer County 0 0 10K Thunderstorm Wind Vashington County 0 1845EST 0 0 10K Thunderstorm Wind Vashington County 1900EST 0 10K Thunderstorm Wind 1900EST Allegheny County 0 1845EST 0 0 10K Thunderstorm Wind Allegheny County 0 1845EST 0 0 10K Thunderstorm Wind Allegheny County 0 1900EST 0 50K Thunderstorm Wind Butler County 0 1900EST 0 50K Thunderstorm Wind 0 <td>PAZ001>003</td> <td>24</td> <td>2000EST</td> <td>outhern E</td> <td>rie - Crawfoi</td> <td></td> <td>0</td> <td>200K</td> <td>Winter Storm</td> <td></td>	PAZ001>003	24	2000EST	outhern E	rie - Crawfoi		0	200K	Winter Storm	
Beaver County Countywide 0 1845EST 1900EST 0 10K Thunderstorm Wind Lawrence County		Heavy	snow develop f from 6 to 8 i	nches with a	maximum of 8	8.3 inches a	U		U	
Countywide091845EST 1900EST0010KThunderstorm WindLawrence County Countywide091845EST 1900EST00010KThunderstorm WindMercer County Countywide091845EST 1900EST00010KThunderstorm WindMercer County Countywide091845EST 1900EST0010KThunderstorm WindMercer County Countywide091845EST 1900EST0010KThunderstorm WindMashington County Countywide091845EST 1900EST0010KThunderstorm WindAllegheny County Countywide091900EST00050KThunderstorm WindButler County Countywide091900EST0020KThunderstorm WindButler County Countywide091900EST0020KThunderstorm WindButler County Countywide091900EST0020KThunderstorm Wind	PENNSYLVANIA, ^v	West								
IPODESTLawrence CountyCountywide091845EST0010KThunderstorm WindMercer County0010KThunderstorm WindCountywide091845EST00010KThunderstorm WindWashington County0010KThunderstorm Wind0010KThunderstorm WindWashington County00010KThunderstorm Wind00000Allegheny County00050KThunderstorm Wind00050KThunderstorm WindAllegheny County00050KThunderstorm Wind00020KThunderstorm WindButler County00020KThunderstorm Wind00101010Butler County091900EST0020KThunderstorm Wind10 <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td>1077</td> <td></td> <td></td>	•					0		1077		
Lawrence County Countywide091845EST 1900EST0010KThunderstorm WindMercer County Countywide091845EST 1900EST0010KThunderstorm WindWashington County Countywide091845EST 1900EST0010KThunderstorm WindMalegheny County Countywide091845EST 1900EST0010KThunderstorm WindAllegheny County Countywide091900EST 1915EST0050KThunderstorm WindAllegheny County Countywide091900EST 1915EST0020KThunderstorm WindButler County Countywide091900EST 1915EST0020KThunderstorm WindButler Ulter received over 100 reports of trees and/or power lines down.1000000000000000000000000000000000000	Countywide	09				0	0	10K	Thunderstorm Win	d
Image: Instance of the second seco	Lawrence County									
Mercer County Countywide091845EST 1900EST0010KThunderstorm WindWashington County Countywide091845EST 1900EST0010KThunderstorm WindAllegheny County Countywide091845EST 1900EST0050KThunderstorm WindAllegheny County Countywide091900EST 1915EST0050KThunderstorm WindButler County Countywide091900EST 1915EST0020KThunderstorm WindButler County Countywide091900EST 1915EST0020KThunderstorm WindButler County Countywide091900EST 1915EST0020KThunderstorm Wind	Countywide	09				0	0	10K	Thunderstorm Win	d
Countywide091845EST 1900EST0010KThunderstorm WindWashington County Countywide091845EST 1900EST0010KThunderstorm WindAllegheny County Countywide091900EST0050KThunderstorm WindButler County Countywide091900EST0050KThunderstorm WindButler County Countywide091900EST0020KThunderstorm WindButler County Countywide091900EST0020KThunderstorm WindButler County Countywide091900EST0020KThunderstorm WindButler 11 Center received over 100 reports of trees and/or power lines down.010K10K10K	Mercer County		1900251							
Washington County Countywide091845EST 1900EST0010KThunderstorm WindAllegheny County Countywide091900EST0050KThunderstorm WindStrong tunderstorm winds blew the roof off of a Pitcarin business.0050KThunderstorm WindButler County Countywide091900EST0020KThunderstorm WindButler County Countywide091900EST0020KThunderstorm WindButler Store Strong tunderstorm to over 100 reports of trees and/or power lines down.0020KThunderstorm Wind	-	09	1845EST			0	0	10K	Thunderstorm Win	d
Countywide091845EST 1900EST0010KThunderstorm WindAllegheny County Countywide091900EST 1915EST0050KThunderstorm WindButler County Countywide091900EST 1915EST0050KThunderstorm WindButler County Countywide091900EST 1915EST0020KThunderstorm WindButler County Countywide091900EST 1915EST0020KThunderstorm WindButler Store01020KThunderstorm Wind101010Butler 911 Center received over 100 reports of trees and/or power lines down.0020KThunderstorm Wind	Weakington Country		1900EST							
1900EST Allegheny County Countywide 09 1900EST 0 0 50K Thunderstorm Wind Countywide 09 1900EST 0 0 20K Thunderstorm Wind Butler County Countywide 09 1900EST 0 0 20K Thunderstorm Wind Butler Storm 1915EST Butler Storm 1915EST Butler Storm Wind 1915EST		09	1845EST			0	0	10K	Thunderstorm Win	ĥ
Countywide 09 1900EST 0 0 50K Thunderstorm Wind 1915EST Strong thunderstorm winds blew the roof off of a Pitcarin business. Strong thunderstorm Winds blew the roof off of a Pitcarin business. Butler County Countywide 09 1900EST 0 0 20K Thunderstorm Wind Butler 911 Center received over 100 reports of trees and/or power lines down. Butler 911 Center received over 100 reports of trees and/or power lines down. Strong trees down.	County white	07				Ū	Ŭ			-
1915EST Strong thunderstorm winds blew the roof off of a Pitcarin business. Butler County Countywide 09 1900EST 0 0 20K Thunderstorm Wind 1915EST Butler 911 Center received over 100 reports of trees and/or power lines down. Butler 911 Center received over 100 reports of trees and/or power lines down. Butler 911 Center received over 100 reports of trees and/or power lines down.			1000567			0	0	5017	Th	
Butler County Og 1900EST O O 20K Thunderstorm Wind O 1900EST 0 0 20K Thunderstorm Wind Butler 911 Center received over 100 reports of trees and/or power lines down.	Countywide	09				U	U	SUK	I nunderstorm win	a
Countywide 09 1900EST 0 0 20K Thunderstorm Wind Interstorm 911 Center received over 100 reports of trees and/or power lines down.		Strong	g thunderstorm	winds blew t	he roof off of a	Pitcarin bu	siness.			
1915EST Butler 911 Center received over 100 reports of trees and/or power lines down.	-	00	1000567			Δ	A	2014	Thundowstown W?	d
	Countywide	09				U	U	20K	Thunderstorm win	u
PAZ007>009-013>016- Mercer - Venango - Forest - Lawrence - Butler - Clarion - Jefferson - Beaver - Alleghenv - An									_	
			-	-					- Beaver - Allegheny	- Armstrong
020>023-029>032 Indiana - Washington - Westmoreland - Greene - Fayette 09 1900EST 0 0 215K High Wind 10 0200EST High Wind	V2V>V2J-V2Y>VJ2	09	1900EST	gton - Wes	unoreland -		e		High Wind	

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		nber of rsons Injured	Estim Dam Property	Character of Storm	March 2002
PENNSYLVANIA, W	est								
Venango County									
Countywide	09	1900EST 1915EST			0	0	10K	Thunderstorm Wind	
Armstrong County									
Countywide	09	1930EST 1945EST			0	0	10K	Thunderstorm Wind	
Clarion County									
Countywide	09	1930EST 1945EST			0	0	10K	Thunderstorm Wind	
Forest County									
Countywide	09	1930EST 1945EST			0	0	10K	Thunderstorm Wind	
Greene County									
Countywide	09	1930EST 1945EST			0	0	10K	Thunderstorm Wind	
Fayette County									
Countywide	09	1945EST 2000EST			0	0	10K	Thunderstorm Wind	
Westmoreland County									
Countywide	09	1945EST 2000EST			0	0	10K	Thunderstorm Wind	
Indiana County									
Countywide	09	2000EST 2015EST			0	0	10K	Thunderstorm Wind	
Jefferson County									
Countywide	09	2000EST 2015EST			0	0	10K	Thunderstorm Wind	

A deepening area of low pressure moving eastward across the northern Great Lakes swept a strong cold front across western Pennsylvania during the late afternoon/early evening hours of the 9th. This intensifying low produced a large area of strong low-level winds, both ahead of and behind the cold front, with winds between 70 - 80 MPH present just a few thousand feet off the surface by the mid-afternoon hours. As showers formed during the day, these strong winds were occasionally brought down to the surface. To further complicate matters, by the late afternoon hours enough instability was present to produce a line of severe thunderstorms along the main cold front as it entered western Pennsylvania. This combination of strong gradient winds and severe thunderstorm winds produced widespread damage across the area, mostly in the form of downed trees and power lines. These high winds continued after the cold front passage, downing trees and power lines, until the early morning hours of the 10th. At that time, the surface low moved off into Quebec and the strong gradient winds finally diminished. It is estimated that around 25,000 people were left without electricity in western Pennsylvania in the wake of this wind event.

	ereeur		is white ev	01101					
Allegheny County									
Elizabeth	21	0600EST	0	0	5K	Flood			
		1000EST							
Washington County									
Charleroi	21	0600EST	0	0	5K	Flood			
		0900EST							
		rains of 1.00 to 2.50 inches across the Mor	U			5			
	southwest Pennsylvania. The Monongahela River crested at Charleroi at 28.1 feet (flood stage 28.0 feet) at 7 AM on March 21st,								
	while just a bit further upstream at Elizabeth, the river crested at 7:30 AM on March 21st at 20.2 feet (flood stage 20.0 feet).								
PAZ030-032	Westmoreland - Fayette								
	22	0500EST	0	0		Winter Storm			
		0900EST							
	A late-season storm spread between 1 and 3 inches of snow across the majority of Fayette and Westmoreland Counties. However,								
	along the higher ridges over the far eastern sections of the counties, snow accumulations reached 4 to 6 inches.								
PAZ007-009-015>016	More	er - Forest - Clarion - Jefferson							
1 A2007-009-0132010	25	1300EST	0	0		Winter Storm			
	25	1800EST 1800EST	U	U		white Storm			
	Anoth	er late-season winter storm spread betweer	1 and 1	inches o	f wet heavy snow	w and sleet across portions of western			
		ylvania.	i – alla v	, menes 0	i wet, neavy sno	w and sleet across portions of western			
	r enns	yıvanıa.							

		Time Local/	Path Length	Path Width	Number Persons		Estimat Damag		1	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed In	jured	Property	Crops	Character of Storm	
PENNSYLVANIA, V	Vest									
PAZ014-021>023- 029>032	Butle	er - Allegheny	- Armstro	ong - Indiar	na - Washing	ton -	Westmorel	and - G	reene - Fayette	
	26	1220EST 2100EST			0	0	85K		Flood	
	Little Buffalo Creek rose out of its banks in the Marwood area. Another 1.0 to 1.5 inches of rain over relatively saturated ground produced widespread small stream flooding across wester Pennsylvania on the 26th.									
<u>PUERTO RICO</u> North Central										
Vega Baja	22	1600AST 1700AST			1	0			High Surf	
	Three people were on the reef away from the shore when large breaking waves swept them away. A 16 year old man drowned while the others were rescued. M16IW									
San Juan And Vicinity Central Portion	28	1315AST			0	0			Tstm Wind/Hail	
		28 1515AS1 0 0 1 15tm Wind/Hall 1325AST General public reported pea size hail in Rio Piedras sector in San Juan and in Guaynabo.								
Northwest		. I I	1							
Hatillo	29	1700AST 1715AST			0	0			Funnel Cloud	
	A wea	A weather spotter sighted two funnel clouds off the coast of Hatillo.								
RHODE ISLAND										
	NON	E REPORTED.								
SOUTH CAROLINA	, Cent	ral								
Saluda County 8 W Saluda to	09	1836EST			0	0	0	0	Thunderstorm Wind (G	50)
5 N Saluda to		1841EST ff reported trees	down west to	o north of salı	-	U	Ū	Ū	Thuhacistorini (C	50)
Lexington County	Shern	in reported trees	down west a	5 north of san	idu.					
5 E Lexington to 7 E Lexington	09	1920EST 1926EST			0	0		0	Thunderstorm Wind (G	50)
/ E Denligton	Fire dept. reported powerlines down and a large highway sign down on I-26 near St. Andrews.									
Orangeburg County										
Bowman to Branchville	27	1632EST 1645EST		(D	0	0	6	0	Thunderstorm Wind (G	50)
Orangeburg County	Edisto	DElectric reporte	ed power out	ages from Bo	wman to Branc	hville.	Some trees of	lown on	powerlines.	
18 E Orangeburg	27	1700EST			0	0		0	Thunderstorm Wind (G	60)
	Emerg	gency manager r	reported 75%	of roof torn	off of a mobile	home	located at 282	Hampsl	nire Ct.	
Aiken County										
Monetta	31 Spotte	1400EST er reported 3/4 ir	nch hail in M	lonetta.	0	0	0		Hail (0.75)	
Lexington County										
Leesville	31 Public	1410EST c reported golf ba	all size hail i	n Leesville	0	0			Hail (1.75)	
Calhoun County	1 uon	e reported goir b	an size nan i	II Leesville.						
3 W St Matthews	31 Shorit	1430EST	down on hw	v 6	0	0	0	0	Thunderstorm Wind (G	50)
Lexington County	Snern	ff reported trees	down on nw	y o.						
2 W Lexington	31	1440EST			0	0	0		Hail (0.75)	
Sumter County	Spotte	er reported 3/4 ir	nch hail on h	wy 378.						
Sumter County 5 N Sumter	31	1447EST			0	0	0		Hail (0.75)	
		way Patrol report	ad dima size	1 11						

		Time Local/	Path Length	Path Width	Numb Perso		Estim Dam		Marc	ch 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
SOUTH CAROLINA	A, Cent	ral								
Fairfield County										
Blair	31	1500EST			0	0		0	Thunderstorm Wind (G50)	
C	Sherif	ff reported trees	down.							
Sumter County 5 SW Sumter to	31	1500EST			0	0		0	Thunderstorm Wind (G60)	
1 W Sumter	51	1530EST			U	U		U	Thunderstorm wind (Goo)	
	Highv	way dept reporte	ed trees down	n on hwys 120	, 76, and 378					
Lee County										
Spring Hill	31	1515EST			0	0			Hail (1.75)	
	Emerg	gency manager	reported golf	ball size hail	in Spring Hil	l.				
Clarendon County Paxville	31	1540EST			0	0	0		Hoil (0.75)	
Paxville		Diffice reported	dime size hai	l in Payville	U	U	U		Hail (0.75)	
Sumter County	1 051 0	Since reported (unne size nai							
Sumter	31	1715EST			0	0	0		Hail (0.75)	
~		gency manager	reported dim	e size hail in S	Sumter.					
Chesterfield County										
4 NW Cheraw	31	1725EST			0	0			Hail (1.00)	
~ ~ ~	Coop	observer report	ed 1 inch hai	1.						
Sumter County		101 55075			0	0	0	0		
2 E Sumter	31	1815EST	1 6 4	1 1	0	0	0	0	Thunderstorm Wind (G50)	
Calhoun County	Highv	way dept reporte	ed a few trees	s down on hyv	v 378					
Calhoun County 9 SE St Matthews	31	1915EST			0	0	0	0	Thunderstorm Wind (G50)	
9 SE St Matthews		ff reported some	e trees down	near Creston	U	Ū	U	Ū	Thuhuerstorm (Class)	
		•		inear crestoni						
SOUTH CAROLINA	A, Nort	<u>h Coastal</u>								
Marlboro County	21	1242EST			0	0			H-9 (1 50)	
7 E Bennettsville	31 Spotte	er reported pea t	o ning nong	hall size hail	0	0			Hail (1.50)	
	Sport	er reported pea i	to ping pong	Uall Size fiall.						
Florence County										
2 W Florence	31	1425EST			0	0			Hail (0.88)	
	Law e	enforcement rep	orted dime si	ze hail.						
Darlington County										
6 E Darlington	31	1500EST			0	0			Hail (1.00)	
	One in	nch hail reporte	d near a conv	venience store						
Dillon County										
Bingham	31	1510EST			0	0			Hail (0.75)	
	Sherri	iff's office repor	rted dime size	e hail.						
Florence County										
2 W Florence	31	1512EST			0	0			Hail (0.88)	
		er reported dime	e to nickel siz	e hail.						
Marlboro County										
Brownsville	31	1515EST			0	0			Hail (0.75)	
Drownsvinc		er reported dime	e size hail.		U	Ū			Han (0.75)	
Daulination C (
Darlington County	21	1 <i>547</i> 000			Δ	A			Hoil (0.75)	
3 E Darlington	31 Sherri	1547EST if's department 1	renorted dim	a siza hail	0	0			Hail (0.75)	
	Sheit	n s ucpartitient i	cponeu unite	e size nall.						
Florence County										
Florence	31	1620EST	1 11 1	1 '1	0	0			Hail (1.50)	
	Public	c reported ping	pong ball size	e hail.						

5		in Data	anu	Ullus	ual V	tal	her Phen	IVIIICIIA
		Time Local/	Path Length	Path Width	Numb Perso		Estimated Damage	March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
SOUTH CAROLINA	, Nortl	hwest						
Anderson County 5 S Anderson	09 Power	1655EST lines and a tree	were blowr	ı down at Goo	0 od Hope Chur	0 ch Rd. ai	1K nd Sam McGee Rd.	Thunderstorm Wind (G50)
Abbeville County 2 W Due West to Donalds	09	1710EST 1720EST	reported bl	own down ar	0 ound Due We	0 st and se	1K everal trees were blow	Thunderstorm Wind (G55)
SCZ003	Gree 10	nville Mounta 0600EST g winds following	ins		0	0	1K	High Wind (G50)
Union County Jonesville	17	0605EST	-		0	0	-	Hail (0.75)
Laurens County Cross Hill	26 A hou	1400EST se was reported t	to have rece	vived substant	0 tial damage.	0	10K	Thunderstorm Wind (G60)
Union County Monarch Mills	31	1415EST			0	0		Hail (1.00)
Chester County 7 W Lowrys	31 Severa	1430EST al trees and a pov	ver line wer	re reported blo	0 own down.	0	1K	Thunderstorm Wind (G50)
Chester County 8 W Edgemoor	31	1430EST 1438EST			0	0		Hail (1.00)
Chester County Chester	31	1440EST			0	0		Hail (1.00)
Chester County Chester	31	1445EST 1530EST			0	0	2K	Urban/Sml Stream Fld
	Torrer	ntial rainfall caus	ed local flo	oding in Ches	ster. Water en	tered at 1	least 2 homes within	a low-lying area of town.
York County Rock Hill Bryant Arp	31	1450EST			0	0		Hail (0.88)
<u>SOUTH CAROLINA</u> SCZ040-042>045- 047>050	Allen		ion - Nor	thern Colle	eton - Dorc	hester -	- Berkeley - Jasp	er - Beaufort - Southern Colleton
	01 31	0000EST 2359EST	ontinued ov	ver south coa	0 astal South C	0 arolina.	Wildfires became n	Drought nore prevalent with numerous small fire
	throug	shout the month.						
Jasper County 3 E Gillisonville	02 Nume	1350EST rous trees and po	owerlines do	own.	0	0		Thunderstorm Wind (G50)
Beaufort County Pritchardville	26	1645EST			0	0		Hail (0.75)
Dorchester County 3 NW Harleyville	26 Severa	1700EST al trees and large	limbs down	n.	0	0		Thunderstorm Wind (G50)
Hampton County Hampton	31 Severa	1450EST al large limbs and	1 powerline	s were down.	0	0		Thunderstorm Wind (G50)

		Time	Path	Path	Numb	er of	Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perse Killed		Damage Property Crops	Character of Storm	
SOUTH CAROLINA,	, Soutl	h Coastal							
Colleton County Williams	31 Afew	1455EST large trees were	e down.		0	0		Thunderstorm Win	d (G50)
Hampton County 1 E Crocketville	31 There	1920EST were several tr	ees down.		0	0		Thunderstorm Win	d (G50)
SOUTH DAKOTA, C				a . u					
SDZ018>023-033>037- 045-048-051	Spini Buffa		odington -	Grant - Ha	imlin - Deu	el - Sta	nley - Sully - Hug	hes - Hyde - Hand	Jones - Lyman -
	14	0300CST 2100CST			0	0		Winter Storm	
	Some blowin condit were o Valley	freezing rain for ng snow and r ions. There we closed. Some s and Miller, an	ell across par reduced visib- ere several ac nowfall amou ad 11 inches a	ts of the area ilities. The c cidents acros ints included t Highmore a	before change combination of sthe area alo , 6 inches at E and Watertow	ing over f ice, h ng with Blunt, 7 i n. Locar	r to snow. Also, the eavy snow, and blow many vehicles sliding nches at Murdo, 8 in	om the early morning to winds increased from the wing snow resulted in v g off the road. Schools e ches at Stephan and Clar iore of snowfall included, at Kennebec.	e north resulting in ery difficult travel ither started late or k, 9 inches at Gann
SOUTH DAKOTA, Se				•	-		~ • • • •		
SDZ038>040-050- 052>067		-	-	-				- Lake - Moody - B nson - Turner - Linc Winter Storm	
	mainly made occurr includ	y snow, with a travel difficult, ring during calv	ccumulations , and in place ving season, t ust south of S	ranging from s impossible out in most ca ioux Falls, d	n 8 inches in , as some roa ases specific 1 amage to pov	several ds were numbers ver lines	areas to 19 inches at blocked. Cattle losse were not available.	in to Huron areas and eas Huron. The heavy snow as were suspected from the Over the Southeast part of ported, with several powe	on top of the ice he heavy wet snow of the affected area,
SOUTH DAKOTA, W									
SDZ043	Jacks 06	son 0505MST			2	1	250K	Ice Storm	
	Freezi a car l overtu eastbo the pa third s injurie	ng drizzle prod hauler lost cont irned. A passer ound lane where ssenger. Four v semitrailer, pro	rol on the we nger in the slo e it struck an vehicles came ducing no in Light freezin	stbound side eeper area of oncoming se off the car h juries. A picl ng drizzle wa	of the intersta the truck wa mitrailer rig. 7 auler. One of kup truck roll	e I-90 19 ate. The s injured This imp these ve ed after	Imiles west of Kado driver was ejected at 1. The car hauler sep act killed the driver of hicles came to rest in sliding off the road	ka in Jackson County. A dd died as the truck slid i aarated from the cab and of the eastbound truck, ar the eastbound lane wher while avoiding the accid idnight and changed to s	nto the median and continued into the ad seriously injured e it was struck by a lent scene, with no
SDZ024>030-032- 041>044-046>047-049					_	-		Hills - Central Black Bennett - Mellette - ' Winter Storm	
	A pote snow on the heavie	ent synoptic sto over much of n 13th and persi	ortheastern V sted through curred over s	Vyoming and the afternoon outh central	l western Sou of the 14th. I South Dakota	h Dakot Aost are , where	a as it slowly moved as of western South I 12 to 18 inches of s	e Northern Plains. This s eastward. Snow began c Dakota received 6 to 10 in now were reported. Gust	luring late morning nches of snow. The
SDZ030>031-041	18 An up South	Dakota. Local n portions of C	rbance moved ly heavy sno	d out of the i wfall occurre	0 Rockies and a ed over extrem	0 cross th ne Sout	hwestern South Dake	Heavy Snow his spread light snow over the state of the snow over the state of the snow over the snow over the snow over the snow over the snow over the snow over the snow over the snow over the snow over the snow over the the snow over the	e reported over the

				P. 4					
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number Person Killed I		Estimated Damage Property Crops	Character of Storm	March 2002
SOUTH DAKOTA, W	Vest								
SDZ012>013-031		e - Northern M	Aeade Co	Plains - Per	nington Co	Plains	;		
	24	0325MST 1530MST			0	0	0	Winter Storm	
	report	ted over most of	western So	uth Dakota; h	owever a swat	h of hea	vy snow developed a	a, and into Nebraska. across eastern Butte, M t inches in central Mea	leade, and the plains
SDZ013-031		thern Meade C	Co Plains -	Pennington	n Co Plains	0	0	High Wind (C(1)	м
	27	1619MST 1633MST			U	0	0	High Wind (G61)	
	Wind 70 mp	-	dy behind a	cold front me	oving through	the area	. Winds were sustair	ned around 35 to 45 mp	h with gusts around
<u> [ENNESSEE, Centra</u>	<u>l</u>								
Sumner County									
Gallatin	15	1300CST			0	1		Lightning	
	the te	elephone line. The	ne jolt threw	him back in	his chair. Hay	nes was	treated and released	ergency call when light from Sumner Medical ers at the fire hall and	Center. He was lef
	Hall.	i unging sensari	on in ins ai	in. The lightin	ng knocked of	it the te	lephones and comput	ers at the fife han and	licarby Ganatin Ch
Cannon County									
Countywide	16	2200CST 2330CST			0	0		Flash Flood	
	-					*	d propane tank was	washed out of a yard a	nd into the creek of
Cannon County		-	-		-				
Countywide	16 TDO	2300CST T reported severa	al trees dow	n.	0	0		Thunderstorm Wi	nd (G50)
Bedford County		· P - · · · · · · · · · ·							
Countywide	17	0118CST 0400CST			0	0		Flash Flood	
	Spotte	er reported floodi	ing of many	highways acr	oss the county	•			
Marshall County	15	0110CCT			1	0		Flach Flood	
Countywide	17	0118CST 0400CST			1	0		Flash Flood	
	other	teens tried to pu	ish a stalled	l pick up truc	k across flood	led Old	Belfast Rd. The teer	ar-old male was swept n either slipped off the	•
TNZ026-056-059>060-							n a drain pipe. M171 edford - Lincoln	vv	
062-075-096	17	0145CST			0	0		Flood	
	22	1200CST							
	The F	Iarpeth River cre	sted at 16.4	feet in Kingst	on Springs, flo	ood stag	e is 15 feet. Flooding	occurred along agricul	tural bottom land.
Van Buren County Countywide	17	0500CST 0800CST			0	0		Flash Flood	
	911 c	enter reported Hi	ighway 285	was closed.					
Warren County	-	1	. , ,						
Countywide	17	0510CST 0800CST			0	0		Flash Flood	
	911 c	enter reported ma	any road clo	osures and stra	nded vehicles.				
Dickson County									
North Portion	17	1745CST 2230CST			1	0		Flash Flood	
	aroun	ff reported Jones	Trace Cre	ek Rd. Rock	Church Road	-	•	old man was swept aw ater. Dickson County S	•

Monday March 18 because of road closures. M46VE

		Time Local/	Path Length	Path Width	Numl Pers		Estimated Damage	March 20
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
ENNESSEE, Centi	ral							
Davidson County								
Nashville	17	1800CST 2230CST			0	0		Flash Flood
	Wilso		y 755 PM, tł	nere was 3-4 t	feet of water		entral Pike had 1 to 2 f	eet of water near the Davidson county
Macon County								
Countywide	17	1815CST 2300CST			0	0		Flash Flood
	Sherif	f's office report	ed several co	unty roads ur	der water.			
Wilson County		1000 000			0	<u>^</u>		
Countywide	17	1900CST 2300CST		fl d d - C	0 - deu Currele f	0	1:41-1	Flash Flood
Wilson County	EMA	reported numer	ous roads we	re nooded. C	edar Creek I	looded a	intile league park and i	moved a dumpster 300 yards in Mt. Juli
3 NE Mt Juliet	17 Off di	1900CST	vee reported	2 large trees	0 were blown	0 Iown in t	he Verona Hills subdi	Thunderstorm Wind (G50)
Fentress County	on u	aty it is employ	jee reported	2 large aces				
3 NW Jamestown	17	1930CST 2330CST			0	0		Flash Flood
	Popla	r Cove Road wa	s under wate	r.				
Sumner County		1000000			0	<u>^</u>		
Countywide	17	1930CST 2300CST			0	0		Flash Flood
Class Country	Highv	vay 109 had hig	h water. Woi	nan had to be	e rescued from	m her ver	nicle in Sumner county	7.
Clay County Celina	17	1945CST 2300CST			0	0		Flash Flood
	Street		d Celina and	Wet Mill Cre	ek. One brid	ge was w	ashed out. Celina EM	A reported flooding on back roads.
Rutherford County						0		
Countywide	17	2030CST 2300CST			0	0		Flash Flood
	Murfr	reesboro. At one	e point, 6 roa	ads were clos	sed. 9 homes	s received		ighway was closed from La Vergne one home had moderate damage. Seve
Putnam County								
Countywide	17 18	2300CST 0200CST			0	0		Flash Flood
	Stand	ing water on ma	ny secondary	v roads.				
Cheatham County								
Countywide	17	1800CST 2200CST			0	0		Flash Flood
~ .	EMA	reported several	l roads closed	d around the o	county.			
Jackson County Countywide	17	2000CST			0	0		Flash Flood
	EMA	2300CST reported minor	flooding on s	secondary roa	ds.			
Smith County								
Countywide	17	2000CST 2300CST			0	0		Flash Flood
		reported state a	nd county ro	ads closed du	e to high wa	ter. One	bridge was washed ou	t. School was cancelled on Monday Ma
Connon Country	18.							
Cannon County	17	2200CST			0	0		Flash Flood
Woodbury	17 18	0030CST			U	U		F 14511 F 1000
			ls closed. Or	ne public buil	ding, a denti	st's office	and a Hardee's receiv	ed moderate flood damage.
Dekalb County				-	-			
Countywide	17 18	2200CST 0000CST			0	0		Flash Flood

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	March 2
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
FENNESSEE, Centra	al							
Overton County								
Countywide	17 18	2200CST 0400CST	a 1 1		0	0		Flash Flood
Maury County	EMA	reported minor	flooding in t	ack roads.				
Countywide	17 18	2300CST 0400CST			0	0		Flash Flood
	EMA	reported 5 road	ls closed. One	e home had m	najor damage	and and	other home had modera	ate damage. 2 people had to be evacuated
Montgomery County								
Countywide	17 18	2300CST 0400CST			0	0		Flash Flood
Macon County	[News]	paper reported l	nign water on	many roads.				
Countywide	18	0000CST 0400CST			0	0		Flash Flood
		reported many					gravel was washed ou on Monday March 18.	t at a bridge. There were missing cul
Bedford County								
Countywide	18	0600CST 0800CST			0	0		Flash Flood
	Sherif	f's office report	ed streams ar	nd creeks out	of their bank	s. 10 roa	ds were closed, mainly	near Bell Buckle. Schools were close
Coffee County								
Countywide	18	0600CST 0800CST			0	0		Flash Flood
~ ~ .	Sherif banks	-	ted high wate	er on many	roads, and as	a result	, some roads were clo	sed. Streams and creeks were out of
Cumberland County	10	0.000.000			0	0		
Countywide	18	0600CST 0830CST	. 1	C.	0	0		Flash Flood
Fentress County	EMA	reported high w	vater on road	s. Streams and	d creeks were	e out of t	neir banks.	
Countywide	18	0600CST			0	0		Flash Flood
County whee		0830CST	and schools	were closed			were out of its banks	A woman had to be rescued from he
		as stuck in 4 fe						
Giles County								
Countywide	18	0600CST 0800CST			0	0		Flash Flood
Course day Course for	Sherif	f's office report	ed streams a	nd creeks out	of their bank	s.		
Grundy County Countywide	18	0600CST 0830CST			0	0		Flash Flood
	TDO	Γ reported water	r on many roa	ads.				
Lawrence County		1	,					
Countywide	18	0600CST 0800CST			0	0		Flash Flood
	Sherif	f's office report	ed streams a	nd creeks out	of their bank	s.		
Lincoln County Countywide	18	0600CST			0	0		Flash Flood
	Sharif	0800CST It's office report	ed many stra	ams and creek	ks out of their	r hanke	Several roads were clo	sed
Marshall County	Sherli	i s onice report	ca many site		ks out of the	oans.	Several roads were cio	
Countywide	18	0600CST 0800CST			0	0		Flash Flood
	EMA	reported roads	closed due to	high water.				
Moore County								
Countywide	18	0600CST 0800CST			0	0		Flash Flood
	Sherif	f's department i	reported low	spots on road	s had high w	ater		

Sheriff's department reported low spots on roads had high water.

		Time Local/	Path Length	Path Width	Numbe Perso		Estimated Damage		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
FENNESSEE, Centra	<u>al</u>								
Van Buren County									
Spencer	18	0600CST 0830CST			0	0		Flash Flood	
W O (911 c	enter reported a	road was par	tially closed i	n Spencer.				
Warren County	10	ACAACET			0	0	20117		
Countywide	18	0600CST 0830CST	wanal na a da u	locad dua to	0 hich water E	0 MA dina	201K	Flash Flood	
White County	911 0	enter reported se	everal roads o	closed due to	nign water. E	MA dire	ctor estimated damage	e to roads at \$201K.	
Countywide	18	0600CST 0800CST			0	0		Flash Flood	
	Sherif	f's office reporte	ed many stre	ams and creel	es out of their	banks			
	5110111	i o onnee repond	ou many sure		to out of their	ounio			
Benton County									
Camden	20	0200CST			0	0		Flash Flood	
	TDO	0500CST Γ reported low ly	ving roads in	the Comden	orao wara nor	tially clo	ead		
Stewart County	IDO	r reported low ly	ing roads in	the Calificen	area were par		iseu.		
Countywide	20	0200CST			0	0		Flash Flood	
Countywhee	20	0500CST			v	0		r iasii r ioou	
	TDO	Γ reported stream	ns and creek	s out of their	banks. A few	roads w	ere washed out.		
Cheatham County									
Ashland City	20	0600CST 0800CST			0	0		Flash Flood	
	A roa	d was closed in .	Ashland City	and also at F	ond Creek R	.d.			
Dickson County									
Countywide	20	0600CST 0800CST			0	0		Flash Flood	
	TDO	Γ reported a few	roads were	closed.					
Montgomery County		0.400 000			0	0			
South Portion	20	0600CST 0730CST			0	0		Flash Flood	
	Gover floodi		quist declar	ed 41 counti	es in Tennes	see, mai	nly east and middle	Tennessee, as a feder uninsured private prop	
Grundy County									
10 NW Altamont	29 Dime	0940CST size hail reporte	ed.		0	0		Hail (0.75)	
Dickson County		-							
2.5 SE Dickson	29	1940CST			0	0		Thunderstorm Win	
	roof o		Market. A t	railer was fli	pped over ac			Marshall Stuart Drive. ' eet to the west, a roof	
Bedford County	waren	iouse owned by			orp.				
15 NE Shelbyville	29	2000CST			0	0		Thunderstorm Win	d (G50)
		enforcement repo	orted large tr	ee down on H		U			u (050)
Lincoln County	20	2125CST			0	0		Holl (1 75)	
Fayetteville	29 Golf F	2135CST ball size hail repo	orted		U	0		Hail (1.75)	
Giles County	GUIL	san size nan rep	oracu.						
Campbellsville	29	2200CST			0	0		Thunderstorm Win	d (G50)
Campoensville			d trees down	just north of			northwest part of the		(G ,
_	L1117	ancetor reported		Jast north Of	campoensvii	in the	northwest part of the v	county.	
Lawrence County									
South Portion	31	0630CST 0830CST			0	0		Flash Flood	

		Time	Path	Path	Numt		Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property Crops	Character of Storm	
TENNESSEE, East									
Blount County					0	0			
Countywide	17 18	0845EST 2000EST			0	0		Flash Flood	
Knox County	10	1000101							
Countywide	17 18	0852EST 2000EST			0	0		Flash Flood	
Loudon County	10	2000201							
Countywide	17 18	0857EST 2000EST			0	0		Flash Flood	
Meigs County	10	1000101							
Countywide	17 18	0901EST 2000EST			0	0		Flash Flood	
Roane County	10	1000101							
Countywide	17 18	0903EST 2000EST			0	0		Flash Flood	
Sevier County	10	20001151							
Countywide	17 18	0906EST 2000EST			0	0		Flash Flood	
Bledsoe County	10								
Countywide	17 18	0930CST 1900CST			0	0		Flash Flood	
Rhea County									
Countywide	17 18	1040EST 2000EST			0	0		Flash Flood	
Cocke County									
Countywide	17 18	1730EST 2000EST			0	0		Flash Flood	
Jefferson County									
Countywide	17 18	1730EST 2000EST			0	0		Flash Flood	
Sequatchie County									
Countywide	18	0700CST 1900CST			0	0		Flash Flood	
Greene County									
Countywide	18	0730EST 2000EST			0	0		Flash Flood	
Hawkins County									
Countywide	18	0745EST 2000EST			0	0		Flash Flood	
Anderson County									
Countywide	18	0800EST 2000EST			0	0		Flash Flood	
Mcminn County	10	0000000			^	Δ		T211-T21 2	
Countywide	18	0800EST 2000EST			0	0		Flash Flood	
Monroe County									
Countywide	18	0800EST 2000EST			0	0		Flash Flood	
Morgan County									
Countywide	18	0800EST 2000EST			0	0		Flash Flood	
Grainger County									
Countywide	18	0815EST 2000EST			0	0		Flash Flood	
Hamblen County									
Countywide	18	0815EST 2000EST			0	0		Flash Flood	
Washington County		· · · · · · · · · · · · · · · · · · ·							
Countywide	18	0845EST 2000EST			0	0		Flash Flood	

St	tor	m Data	and	Unus	ual W	/eat	her Ph	enomena						
		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	March 200						
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	-	ops Character of Storm						
<u>TENNESSEE, East</u>														
		pread flooding Total damage e						een five and eight inches were reported in 3						
TNZ012>018-035>047- 067>074-081>087-098	Grain Wash Blour Meig 17													
	Bleds report	be, Meigs, Roar	ne, Rhea, L Numerous	oudon, Blour major rivers f	t, Knox, an looded inclu	d Sevier	Counties. Rainf	counties in central East Tennessee includi all totals between five and eight inches we Sequatchie, and Pigeon Rivers. Total dama						
Bledsoe County														
5 S Pikeville	29 Large	2110CST tree limbs report	ted down on	Highway 127	0 7.	0	5K	Thunderstorm Wind						
Bradley County														
15 E Cleveland	29	2300EST			0	0	10K	Thunderstorm Wind						
		rous trees and po ast part of the co		lown across th	e eastern pai	t of the c	ounty. Section o	f a roof blown off of a Rubbermaid plant in t						
<u>TENNESSEE, West</u> Shelby County		1												
Memphis	17	0150CST 0330CST			0	0	1K	Flash Flood						
Madiaan Country	Nume	rous roads were	under water											
Madison County Jackson	17	0200CST 0330CST			0	0	10K	Flash Flood						
	Severa		ooded. Part	of one road w	as washed av	vay. Nun	nerous roads wer	e under water.						
Fayette County														
Countywide	17 One b	1600CST 1830CST ridge was floode	d Savaral r	oode were clo	0 sed due to fly	0 Noding	10K	Flash Flood						
Decatur County	One o	nuge was noode	u. Several li	baus were cio		ounig.								
Countywide	17 18	1730CST 1200CST			0	0	5K	Flash Flood						
	Severa	al roads were clo	sed due to f	looding.										
Hardeman County Whiteville	17	1730CST 2000CST			0	0	10K	Flash Flood						
	Twent		d to evacuat	ted from a chu	irch that had	up to 14	inches of water i	n it.						
Henderson County					0		1077							
Lexington	17 18 Sever	1730CST 1200CST al bridges were v	vashed out	Some roads w	0 ere flooded	0	10K	Flash Flood						
Hardin County	Beven	a bridges were v	vasiled out.	Some roads w	ere nooded.									
Walnut Grove	17	1800CST 2100CST			0	0	10K	Flash Flood						
	Severa	al roads were flo	oded.											
Obion County Woodland Mills	29	1710CST			0	0	0.05K	Hail (0.88)						
Dyer County		1715CST												
Dyersburg	29	1818CST			0	0	0.01K	Hail (0.75)						

		Time	Path	Path		ber of	Estimated	March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Per Killed	sons Injured	Damage Property Cro	
FENNESSEE, West								
Weakley County								
Greenfield	29	1820CST 1825CST			0	0	0.10K	Hail (1.00)
Weakley County								
Greenfield	29	1820CST 1825CST			0	0	0.10K	Hail (1.00)
Tipton County								
Brighton to Munford	29	1859CST 1915CST			0	0	0.12K	Hail (1.00)
Tipton County								
Brighton	29	1945CST 2100CST			0	0	1K	Urban/Sml Stream Fld
	A cou	ple of roads had	water over t	them.				
Shelby County						-		
Bartlett to Memphis	29	1955CST 2010CST			0	0	0.22K	Hail (1.00)
Fayette County								
Hickory Withe	29	2025CST 2030CST			0	0	0.01K	Hail (0.75)
Fayette County								
Moscow	29	2110CST 2115CST			0	0	0.10K	Hail (1.00)
Shelby County								
Millington	30	0125CST 0130CST			0	0	0.05K	Hail (0.88)
TEXAS, Central								
Irion County	10				0	0		
Barnhart	18 An isc	2111CST plated severe thus	nderstorm p	roduced quar	ter size hail	0 across we	stern Irion County	Hail (1.00)
Kimble County								
Junction	19 An isc	0400CST	nderstorm n	roduced quar	0 ter size hail	0 as it passe	ed across Junction	Hail (1.00)
	7 11 150	fated severe that	nderstorin p	ioduced quai	ter size nun	us n pusse	deross surretion	
Irion County	10	1245067			0	0		H H (1 00)
Mertzon	19	1245CST			0	0		Hail (1.00)
Tom Green County 10 SW San Angelo	19	1315CST			0	0		Hail (0.88)
Tom Green County	D	1515651			Ū	Ū		Han (0.00)
3 SW San Angelo	19	1325CST			0	0		Hail (1.00)
Tom Green County								
7 SE San Angelo to 9 SE San Angelo	19	1331CST 1336CST	3	50	0	0	2K	Tornado (F1)
								nor damage as it tracked along a 3 mile long sed around by the tornado.
Tom Green County		1.4					C	·
San Angelo	19	1335CST 1435CST			0	0	10K	Flash Flood
								San Angelo. Between 10 and 15 people were injuries were reported.
Tom Green County				-		-		
2 SW San Angelo		d 3500 homes s	suffered light	ht to modera	te damage,	along with		Hail (1.75) on, creating drifts several feet deep in places. tomobiles. Many trees were stripped of their
	leaver	Hail staved on	the ground i	for at least x				
Tom Green County	leaves	. Hail stayed on	the ground i	for at least 8	liours in som	le places.		

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
FEXAS, Central									
Tom Green County									
3 SW Veribest to	19	1400CST	4	50	0	0	10K	Tornado (F1)	
2 NE Veribest		1410CST			_ ~	~			
								ninor damage. The torna	
Tom Green County	nat ro		bunding, thre	ew several IIII	gation pipes	a lew nu	nureu yarus, and picke	ed up and moved heavy	steer pipes.
4 S San Angelo	19	1403CST			0	0	2K	Thunderstorm Win	d
4 5 San Angelo		g winds downed	A nower pol	es south of Sa		U	21	Thuhuerstorm win	u
Runnels County	Strong	g winds downed	+ power por	es south of 52	ui Angelo.				
5 S Ballinger	19	1413CST	0.2	20	0	0		Tornado (F0)	
5 5 Danniger	17	1414CST		-0	Ū	Ū		Tornado (10)	
	A tori	nado briefly touc	ched down in	an open field	l south of the	town of	Ballinger.		
Sutton County				-			-		
Sonora	19	1440CST			0	0		Hail (0.75)	
Menard County									
Ft Mckavett	19	1550CST			0	0		Hail (1.75)	
	Hail u	p to the size of	golf balls wa	s reported in	Fort McKave	ett in wes	tern Menard County.		
Kimble County		-		•			·		
Junction	19	1600CST			0	0		Hail (1.00)	
Mcculloch County									
12 W Brady	19	1641CST			0	0		Hail (1.00)	
Mcculloch County									
Voca	19	1655CST			0	0	1K	Thunderstorm Win	d
	A mo	torist reported th	nat high wind	ls blew his ve	hicle off of th	he road in	n southern McCulloch	County.	
Mcculloch County		•						·	
Brady	19	1720CST			0	0	2K	Flash Flood	
·		1830CST							
	-				streets in the	town of	Brady. At least one me	otorist had to be rescued	from their vehi
~ ~ ~ ~ ~	when	it became strand	ded in high v	vater.					
San Saba County									_
4 N Richland Spgs	19	1745CST			0	0	2K	Thunderstorm Win	d
							erstorm roared throug		
								to near Ballinger. Althe	
								ounded the southern had damage across parts of	
		west Hill Count		mage. Other s	storms produ	ceu quai	ter size nan and wind	uamage across parts of	the Heartianu a
	rtorui	west thin count							
Nolan County									
Roscoe	29	1927CST			0	0		Hail (1.00)	
Taylor County									
Tuscola	29	2205CST	0.2	20	0	0		Tornado (F0)	
	An A	bilene TV statio	n showed a t	orief tornado t	ouchdown ne	ear the to	wn of Tuscola. There	were no injuries and no	reported damage
Taylor County									
Tuscola	29	2210CST			0	0		Hail (0.75)	
Taylor County									
View	29	2210CST			0	0		Hail (0.75)	
Taylor County									
2 E Potosi	29	2225CST			0	0	3K	Thunderstorm Win	d
	Strong	g thunderstorm	winds ripped	part of a roof	f off of a barr	1.			
Callahan County									
12 S Baird	29	2230CST			0	0		Hail (1.75)	
	An N	WS Cooperative	e observer rej	ported hail up	to the size of	f golf bal	ls.		
Callahan County									
Eula	29	2234CST			0	0		Hail (1.75)	
								ing hours of the 29th.	
							• •	nado touched down in	-
		•	. Other storr	ns produced	nail up to th	e size of	golf balls south of l	Baird and near Eula in	southern Callal
	Count	TX7							

155

County.

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
TEXAS, Central								
Runnels County 7 SW Wilmeth to	30	1306CST	3	85	0	0	25K	Tornado (F1)
4 SW Wilmeth	30	1320CST	5	05	U	U	238	
		nado touched do ff, allowing rain				st Runne	els County, striking a	and damaging a house. Part of the roof was
Runnels County		-			-			
12 W Winters	30	1325CST			0	0		Hail (1.00)
Runnels County 4 NW Norton to	30	1345CST	0.5	100	0	0		Tornado (F1)
5 NW Norton		1348CST						
Runnels County	A larg	ge tornado touch	ed down in a	in open field	northwest of	Norton i	n northeast Runnels (County. Little damage was reported.
Wingate	30	1402CST			0	0		Hail (0.75)
Taylor County								
2 S Lawn	30	1417CST	0.2	20	0	0		Tornado (F0)
Taylor County	Amate	eur radio person	nel reported	2 brief tornad	lo touchdown	s simulta	aneously just south of	f lawn in southern Taylor County.
2 S Lawn	30	1417CST	0.2	20	0	0		Tornado (F0)
		eur radio person	nel reported	2 simultaneo	us brief torna	do touch	downs just south of I	Lawn in southern Taylor County.
Callahan County		111000	0	• • • •	0			
16 W Cross Plains to 14 NW Cross Plains	30	1440CST 1455CST	9	200	0	0		Tornado (F1)
		ed spotters repor					ounty. Fortunately, al y of damage was repo	though the tornado traveled along a nearly 9
Callahan County	inite i	ong track, the to	1111110 010330	a open count	ry and nute n	i uie wa	y of damage was repo	
Cross Plains	30	1505CST			0	0		Hail (0.75)
Callahan County		1510007	0.2	20	٥	0		
1 NW Cottonwood	30 Spotte	1510CST ers reported a br	0.3 ief tornado to	30 buchdown in a	U an open field	0 just nort	hwest of Cottonwood	Tornado (F0) d in extreme eastern Callahan County.
Haskell County						J		
10 S Haskell	30	1530CST			0	0		Thunderstorm Wind (G59) M
Shackelford County	Amate	eur radio person	nel measured	a wind gust	of 68 mph ac	cross sou	thern Haskell County	7.
Albany	30	1644CST			0	0		Hail (1.00)
San Saba County								
2 S San Saba	30	1715CST			0	0		Hail (1.75)
								ozen tornadoes on the afternoon of the 30th., one tornado did strike a house and cause
								uarter size hail west of Winters in Runnels
	Count	y and in Albany	in Shackelfo	ord County.				
TEXAS, Central Sou	<u>theast</u>							
Burleson County Caldwell	19	2140CST			0	0	50K	Thunderstorm Wind
Culuwen			y roof damag	ge to the Calo				s located on CR 307, also two trailers and a
	barn v	vere destroyed a	ind trees blow	vn down just	north of Cald	well.		
Madison County North Zulch to	19	2300CST			0	0	10K	Thunderstorm Wind
Normangee	19	2500051			Ū	U	IVIX	
	Trees	blown down in	North Zulch	and in Norm	angee, report	ed by Sh	eriff.	
Polk County								
2 NE Corrigan	25 Quarte	2018CST er to half dollar	sized Hail (1	.00" to 1.50"	0) was reported	0 d by Co-	25K op Observer.	Hail (1.50)
Colorado County					-			
Columbus	30	1522CST			0	0	5K	Hail (0.75)
Austin County								
New Ulm	30	1531CST			0	0	5K	Hail (0.75)

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
TEXAS, Central So	utheast							
Colorado County								
Eagle Lake	30 Sharit	1600CST ff reported roof d	lamage and r	ower lines de	0 wwn in Eagle	0 Lake	25K	Thunderstorm Wind
Austin County	Shern	ii reported roor d	iannage and p	lower miles ut	Jwii ili Lagie	Lake.		
Sealy	30	1627CST			0	0	5K	Hail (0.75)
Souly		size hail on Inte	rstate 10 at C	Chew Road ne	ear Sealy, rep			()
Austin County					J / 1	5		
Sealy	30 Powe	1627CST r lines and trees	down in Seal	v	0	0	8K	Thunderstorm Wind
Grimes County	1000	i intes une trees	down in bea	.y.				
Anderson	30	1635CST			0	0	30K	Hail (1.00)
Houston County								
Crockett	30 Sherit	1635CST ff reported 3/4" h	ail and trees	down	0	0	5K	Hail (0.75)
Houston County	blieffi	in reported 5/4 1	ian and trees	down.				
Grapeland	30	1635CST			0	0		Thunderstorm Wind (G70) ^M
Waller County								
Brookshire	30	1638CST			0	0	5K	Hail (0.75)
Wharton County								
Hungerford	30	1724CST			0	0	3K	Thunderstorm Wind
-		ff reported a larg M 1161 in Hung		12 to 16 incl	nes in diame	ter, snap	ped during strong wit	nds and had blocked the road at Lees Lan
Vharton County			,					
6 E Hungerford	30	1730CST	0.5	20	0	0		Tornado (F0)
C	There	was a brief To	rnado toucho	down in the l	El Lobo Sub	division,	, 6 miles east of Hur	ngerford, near the county line. Emergency
	manag	gement reported	the event.					
Fort Bend County								
Beasley	30	1736CST	0.5	30	0	0	150K	Tornado (F0)
Whenter Country	A To	rnado touchdowr	had severel	y damaged a	home in Bea	sley, rep	orted by Sheriff.	
Wharton County	30	1740CST	0.5	50	0	0	50K	Tornado (F0)
.5 N Wharton					•			bd by Emergency management.
Fort Bend County	71 101	indeo todendowi	i damaged a		son Road an	a renus i	inghway 102, reporte	a by Emergency management.
Rosenberg	30	1745CST			0	0	10K	Hail (1.00)
ackson County	20							()
Edna	30	1745CST			0	0	10K	Hail (1.00)
Fort Bend County								
4 NNE Richmond	30	1753CST			0	0	75K	Hail (1.00)
	Quart	er sized hail occ	urred in the I	Pecan Grove	Plantation su	bdivisior	n, reported by a ham r	radio operator.
lackson County								
Ganado	30	1754CST			0	0	20K	Hail (1.75)
Fort Bend County								
Clodine	30	1755CST			0	0	10K	Hail (1.00)
Fort Bend County								
3 NW Sugarland	30	1758CST			0	0	20K	Hail (1.75)
Harris County								
Alief	30	1800CST			0	0	10K	Hail (1.00)
Wharton County		1000000			Δ	^	1077	H-3 (1 00)
Hillje Whenter Country	30	1802CST			0	0	10K	Hail (1.00)
Wharton County	20	1802057			Δ	0	2014	Hoil (175)
Louise Wharton County	30	1802CST			0	0	20K	Hail (1.75)
Wharton County 1 SW El Campo	30	1810CST			0	0	50K	Hail (2.75)
1 SW EI Campo			ont and Char	iff with a sold				and FM 1163, with one inch hail covering

Emergency Management and Sheriff witnessed Baseball sized Hail at State Highway 59 and FM 1163, with one inch hail covering the ground.

		Time Local/	Path Length	Path Width	Numb Perse		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	U	rops Character of Storm	
TEXAS, Central South	neast								
Polk County									
7 NNE Corrigan to 9 NNE Corrigan	30	1850CST 1910CST	2	75	0	0	20K	Tornado (F0)	
J THE COLLEGN	Sherif		o path wit	th trees down	. in rural nor	hern Pol	lk county east of	Highway 59, from FM 1987	to the county line.
		rossing into Angel							·····,
Fort Bend County									
Guy	30 A torn	1915CST ado touchdown oc	0.5 curred in	30 Guy, 10 miles	0 southwest o	0 f Rosent	20K berg, relayed by 3	Tornado (F0) Sheriff.	
Brazoria County									
10 W Rosharon	30	1925CST			0	0	10K	Hail (1.00)	
	Quarte	er sized hail occurr	ed at FM	762 and Meye	er Field airpo	rt.			
Fort Bend County									
Fresno	30	1932CST			0	0	15K	Hail (1.75)	
Brazoria County									
Pearland	30	1944CST			0	0	5K	Hail (0.75)	
Galveston County									
Friendswood	30	1947CST			0	0	30K	Hail (1.75)	
Harris County	-	10.10.007			0		1077	TT II (1.00)	
Friendswood	30	1949CST			0	0	10K	Hail (1.00)	
Polk County	20	1054005			0	0	- 17	II (0.77)	
Livingston	30 Sharifi	1954CST	hailalong	anstarn chor	0 of Laka Liv		5K at Onalaska and	Hail (0.75)	ston
Harris County	Sherm	reported 5/4 men	nan along	g eastern snore	e of Lake Liv	ingston	at Onalaska and	Blanchard, and also in Living	ston.
5 SW (Efd)Ellington Afl	30	1955CST			0	0	10K	Hail (1.00)	
5 5 W (EIU)Enington An		eur radio operator i	eported o	ne inch Hail a	0			11an (1.00)	
Galveston County	7 mate	ui iuuio operator i	eponed of	ne men riun u	a bourseure a	na Deun			
League City	30	2000CST			0	0	20K	Thunderstorm Win	d
	A larg	e tree was blown d	lown by st	rong winds at	East Walker	and Ede	en.		
Harris County	U		•	C					
3 NE Nassau Bay	30	2000CST			0	0	5K	Hail (0.75)	
	Hail of	f 3/4 inch was repo	orted in EI	L Lago on the	north side of	Clear L	ake.		
Harris County									
3 S La Porte to 2.6 SSE La Porte	30	2009CST 2014CST	0.7	60	0	0	350K	Tornado (F3)	
Columnator County	structu an apa garage down. the co	and roof dama artment complex a and destroying at On Carlisle Street	ge (F1), the across the t least one t, in the Ba vhile part	ten moved not street causin car. Just not ayside Terrace of the roof o	rtheast and p g major root theast of the e subdivision ff the Super	artially of and wi apartme , a few h Mart dr	demolished a Sundow damage a ndow damage a nots, a few home nomes had minor	orte, with a home on Greenle per Mart on Broadway (F3), t nd knocking down trees (F2 s had minor damage with ferr r roof damage, yard trees dow uck parked at the north end	hen ripped through), collapsing a car ices and large trees m, and debris from
Galveston County	20	2146CST			0	0	10K	Hail (0.88)	
4 WSW League City	30 Nickel	sized Hail occurr	ad in the (ountrycide er				()	
Galveston County	INICKCI	sized man occurre		Journa yside st	iourvision at	1.101 3.10	and Day Area D	oulevalu.	
League City	30	2156CST			0	0	30K	Hail (2.00)	
Lougue ony		nch Hail occurred	at the Leas	gue City Polic	e Departmer				
TEXAS, Extreme Wes					<u>.</u>				
	NONT								
TEVAC MAL C	NONE	E REPORTED.							
TEXAS, Mid - South									
La Salle County Cotulla	19	2115CST			0	0		Hail (0.75)	
Jorana	17	2130CST			v	5			

		Time	Path	Path	Numb		Estimated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	ons Injured	Damage Property Crops	Character of Storm	
TEXAS, Mid - South									
TXZ243	Nue	ces							
	30	0458CST			0	0		High Wind (G47) ^M	
					ross central a	and north	Texas generated sus	stained winds of 45 mph at	t 459 am with a
~ ~ ~ ~	peak	wind gust of 47	knots at 458	am.					
Goliad County		1445000			0	0			
Fannin	30 Sheri	1645CST ff office report of	of funnel clou	ıd along High	0 way 59 movi	0 ng towar	d Victoria county.	Funnel Cloud	
TEXAS, North									
TXZ091>095-100>106-									
115>119-129>132-141	Step	hens - Palo P	into - Park	er - Tarran	t - Dallas -	Eastlar	nd - Erath - Hood	- Somervell - Comanch	ne
	02	0215CST			0	0		Winter Storm	
		1200CST							
TXZ119-119	Dall								
	02	1600CST			2	0		Extreme Cold	
	03	1400CST							
	A 73	year old womar	n was found o	dead from hyp	othermia on	her front	porch on Saturday.	M6/OU, F/3OU	
Palo Pinto County									
5 NW Mineral Wells	19	0700CST			0	0		Flash Flood	
		0800CST							
	A mu	dslide occurred	at Turkey Cr	reek crossing o	due to flash f	looding o	on Turkey Creek.		
Tarrant County									
Ft Worth	19	1225CST			0	0		Hail (0.75)	
	Occu	rred at TCU.							
Johnson County									
Joshua	19	1629CST			0	0		Heavy Rain	
	Coun	ty Road 917 had	d a bridge un	der water.					
Tarrant County									
Haltom City	19	1630CST			0	0		Flash Flood	
_	At lea	ast 35 mobile ho	omes in the S	kyline Mobile	e Home Park	had to be	evacuated due to risi	ng water in a nearby creek.	
Tarrant County									
Ft Worth	19	1640CST			0	0		Flash Flood	
	20 1	1900CST		A	- 4 - 11				
Donton County	50 h	igh water rescue	es took place	due to nigh w	ater.				
Denton County	10	1700CST			0	0		Flash Flood	
Countywide	19	1740CST			U	U		Flash Floou	
	Wide		was reported	l around the c	ounty Num	erous roa	ds and highways wer	e closed due to high water.	
Tarrant County	W lac	spread nooding	was reported	a around the e	ounty: Ituin	21005100	as and mgnways were	elosed due to high water.	
Euless	19	1700CST			0	0		Flash Flood	
244000			vas swept sev	veral hundred			tried to cross, then ma	anaged to get out of the wat	er.
Comanche County		8	1					8 8	
De Leon	19	1707CST			0	0		Hail (0.88)	
Mills County									
Mullin	19	1800CST			0	0	5K	Thunderstorm Wind ((G52)
		s were blown do	wn by high v	vinds.					
Mills County			, ,						
Central Portion	19	1810CST			0	0	2K	Thunderstorm Wind	
	A sto	rage shed and a	tin roof were	e destroyed by	high winds.				
Grayson County		•			•				
Van Alstyne	19	1830CST			0	0		Flash Flood	
-		oridge at Eagle F	Point Crossin	g just west of	Van Alstyne	on FM 1	21 was washed out.		
Lampasas County		-			-				
Lampasas	19	1833CST			0	0		Thunderstorm Wind (G60) ^M
-	A wi	nd gust to 69 mi	les an hour o	occurred at the	Lampasas H	ligh Scho	ol.		
Comanche County									
Gustine	19	1835CST			0	0		Thunderstorm Wind ((G52)

		Time Local/	Path Length	Path Width	Numl Pers		Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
TEXAS, North								
Hamilton County								
10 S Shive	19	1850CST			0	0	1K	Thunderstorm Wind
Convoll County	Trees	were blown dow	wn across Hi	ghway 84.				
Coryell County Copperas Cove	19	1855CST			0	0		Hail (1.00)
Copperas Cove	D	1910CST			U	U		Huii (1.00)
Bell County								
Hood Afb	19	1858CST			0	0		Thunderstorm Wind (G89) ^M
Hood County		4000 000			<u>^</u>	0		
South Portion	19 Maria	1900CST			0	0		Flash Flood
Coryell County	Many	roads flooded a	ind closed.					
Gatesville	19	1910CST			0	0	1K	Thunderstorm Wind
Gutesvine		trees were blow	vn down by h	nigh winds.				
Hill County	U		,	U				
Whitney	19	1930CST			0	0	2K	Thunderstorm Wind
	Trees	and power lines	s were blown	down by hig	h winds.			
Mclennan County	-	1025005			0	0		H 1 (0.75)
Bellmead Malaman Country	19	1937CST			0	0		Hail (0.75)
Mclennan County Bellmead	19	1937CST			0	0		Thunderstorm Wind (G55) ^M
Mclennan County	19	1957051			U	U		Thunderstorm while (655)
China Spg	19	1940CST			0	0	2K	Thunderstorm Wind
omme opg		bile home was u	inroofed by h	nigh winds.				
Dallas County				•				
Dallas	19	2000CST 2100CST			0	0		Flash Flood
	Sever	al roads were cl	osed due to F	nigh water				
Hamilton County	Seven		000000000	ingir materi				
Hamilton	19	2000CST			0	0	1K	Thunderstorm Wind
	Trees	were blown dow	wn by high w	vinds.				
Johnson County					<u>^</u>	0		
Cleburne	19 True l	2000CST	in a commod	from oors stal	0 Iad in high w	0 Nai	than in aident was life	Flash Flood
Hill County	1 wo r	nign water rescu	les occurred i	from cars stal	ied in nigh w	ater. Nei	ther incident was life	threatening.
Hillsboro	19	2010CST			0	0	2K	Thunderstorm Wind
111155010		were blown dow	wn onto hous	ses.	Ŭ	Ū		
Fannin County								
Northeast Portion	19	2030CST			0	0		Flash Flood
	TT:-L	2230CST	4. J EM 1	206 1 EM 1	00 :	e et Ee en la	George	
Navarro County	High	water was repor	ted on FM 1.	596 and FM 1	100 in northe	ast Fannii	n County.	
Corsicana	19	2030CST			0	0	1K	Thunderstorm Wind
		were blown dow	wn in the city	<i>.</i>				
Ellis County								
Maypearl	19	2034CST			0	0	200K	Lightning
	A ligh	ntning caused fin	re destroyed a	a home near N	Maypearl.			
Limestone County	10	2045CST			0	0	117	Thunderstorm Wind
Kosse	19 Trees	were blown dow	wn onto High	way 7	0	0	1K	Thunderstorm wind
Henderson County	Tiees	were blown do	wii olito liigi	iway 7.				
Countywide	19	2140CST			0	0	50K	Thunderstorm Wind
·	Trees	were blown do	wn across the	e county. A l	arge oak tree	was blow	wn down onto a hous	e collapsing the roof and damaging interior
•	furnit	ure.						
Lamar County	10	A1 50 COT			•	0		
Paris	19	2150CST			0	0		Flash Flood
		2250CST						

			March 200							
		Time Local/	Path Length	Path Width	Per	ber of sons	Estima Dama	ge		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
TEXAS, North										
Leon County										
Normangee	19	2305CST 2315CST			0	0	1K		Thunderstorm Wine	d
	Powe	r lines were blow	n down bety	ween Norman	gee and Fly	nn.				
Tarrant County										
Ft Worth	20	0600CST			1	0			Flash Flood	
									work. His submerged the previous night. M60V	
	uie w	est lork of the Th	inty Kiver I		ui. This pro	Juanty Occ	uneu nom n	loounig u	le previous ingitt. 1400	V L
Palo Pinto County	•	2250.CST			0	0			H H (1 00)	
10 N Mineral Wells	29	2250CST			0	0			Hail (1.00)	
Jack County Gibtown	29	2310CST			0	0			Hail (1.75)	
Eastland County	2)	2010001			Ū	Ŭ			11un (1170)	
Cisco	29	2315CST			0	0			Hail (1.00)	
		2317CST								
Wise County	•	2225.CST			0	0			II (1 70)	
5 S Bridgeport	29	2327CST			0	0			Hail (1.50)	
Eastland County Eastland	29	2340CST			0	0	2M		Hail (2.75)	
Eastianu			ccurred acro	oss Eastland.	The worst d			and south	parts of town. Roof d	amage occurred t
	at lea	st 150 homes. T	here were i	numerous rep	orts of brok	en windo	ws and dama	age to ca	rs. Some locals claim t	his was the wors
D.L. D'. (Complete	hailst	orm in Eastland i	n 50 years.							
Palo Pinto County 1 SW Gordon	30	0000CST			0	0			Hail (1.50)	
1 Svv Gordon	30	0015CST			U	U			Hall (1.50)	
Erath County										
Thurber	30	0030CST			0	0			Hail (1.00)	
Dolo Dinto Countr	Hail c	covered Interstate	20 stopping	g traffic.						
Palo Pinto County 15 S Mineral Wells	30	0038CST			0	0			Hail (1.75)	
15 5 Winer ar Wens		rred 4 miles west	of Lipan.		Ū	Ŭ			11un (1170)	
Parker County			-							
Dennis	30	0055CST			0	0			Hail (1.75)	
Parker County	• •				0	0				
6 S Weatherford	30	0127CST			0	0			Hail (1.75)	
Parker County 7 SE Weatherford	30	0133CST			0	0			Hail (1.75)	
7 SE Weatherford		rred at Anetta.			U	Ū			Han (1.73)	
Parker County										
Aledo	30	0135CST			0	0			Hail (3.00)	
	Golfh	0148CST ball to larger than	haceball ciz	e hail was ren	orted with	spotter r	enorting a bro	oken wind	lshield	
Tarrant County	Gont	an to larger than	Uaseball SIZ	e nan was rep		i spotter it	eporting a bit	JKell wille	isineid.	
Ft Worth	30	0210CST			0	0			Hail (2.00)	
	Occur	rred in the hospita	al district in	southwest Ft	Worth.					
Tarrant County	• •	0001 CGT			0	0			TT 11 (1 00)	
Ft Worth	30	0221CST 2210CST			0	0			Hail (1.00)	
	Occu	rred in east Ft Wo	orth.							
Tarrant County										
Ft Worth	30	0224CST			0	0			Hail (0.75)	
Dollar Court	Occur	rred at the Foreca	st Office in	north Ft Wor	th.					
Dallas County Dallas	30	0335CST			0	0			Flash Flood	
Dallas		streets were clos	ed in Dallas	s due to high v		v			rush rivu	
Dallas County	1			in the main						
Mesquite	30	0335CST			0	0			Flash Flood	
	G , .	ts were flooded in	36 1.							

		Time Local/	Path Length	Path Width	Numb		Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)		Injured	Property Crops	Character of Storm
TEXAS, North								
Dallas County					0			
Mesquite	30 Street	0407CST s were flooded a	nd care wara	stalled	0	0		Flash Flood
Ellis County	Succi	s were moduled a	nu cais were	staneu.				
2 NE Ovilla	30	0428CST			0	0	50K	Lightning
Milam County								
Buckholts	30	1152CST			0	0		Thunderstorm Wind (G52)
Falls County								
Marlin	30	1220CST		1	0	0	5K	Thunderstorm Wind
Milam County	A larg	e barn was blow	n down and	large trees w	vere uprooted.			
Cameron	30	1220CST			0	0		Hail (0.75)
Milam County	20							
Cameron	30	1220CST			0	0		Thunderstorm Wind (G52)
Mclennan County								
Waco	30	1245CST			0	0		Thunderstorm Wind (G50)
E-U-C	Large	tree limbs were	blown down	•				
Falls County	30	1251CST	0.7	75	0	0	1K	Tornado (F0)
4 NE Reagan to 4.7 NE Reagan	30	1253CST	0.7	15	U	U	IK	
0	Dama	ge was mostly to	trees and a	shed.				
Hill County								
7 SW Hillsboro	30	1255CST		22	0	0		Heavy Rain
Falls County	Water	was 8 inches de	ep on highw	ay 22.				
Reagan	30	1259CST			0	0		Hail (1.25)
Limestone County	50	1207001			Ū	Ū		11un (1120)
.5 SE Thornton to 2.4 SE Box Church	30	1321CST 1335CST	7	440	0	0	250K	Tornado (F2)
	mobil Prairie	e home destroye	ed and a mol maging seve	oile home u ral houses,	nroofed. The some mobile	tornado homes,	o moved northeast da and numerous outbu	Thornton. Two houses were damaged, one maging a barn, then moved into the Davis ildings. The tornado moved northeast and
Limestone County								
2 W Personville to 1.5 N Personville	30	1355CST 1359CST	2.5	30	0	0	3K	Tornado (F0)
		d roof was blow aral Freestone Co				ise, and	numerous trees were	blown down. The tornado moved northeast
Freestone County 4.5 SW Teague to	30	1359CST	1	30	0	0	1K	Tornado (F0)
4.5 S W Teague to 3.5 S Teague	30	1401CST	1	30	U	U	IK	Tornado (FO)
-							one county. It move	d northeast into rural Freestone county for
	approx	ximately one mil	le, downing s	ome trees b	efore dissipati	ng.		
Freestone County	20	1400CST			0	0		Thunderstorm Wind (G50)
Teague	30 Cars y	vere blown off r	oads by high	winds	U	U		Thunderstorm wind (G50)
Comanche County	Cars	vere blown on h	ouds by mgn	winds.				
Comanche	30	1451CST			0	0		Hail (1.75)
	Occur	red on the east s	ide of town.					
Robertson County								
Franklin	30	1458CST			0	0		Hail (0.88)
Leon County	20	1504CST			0	0	0.50K	Thunderstorm Wind
Centerville	30 A stor	age building wa	s blown over	by high wir		U	UIJUIX	i nunuci suoi mitty illu
Comanche County				- j				
4 S Comanche	30	1506CST			0	0		Hail (1.25)
Erath County								
2 SW Dublin	30	1517CST			0	0		Hail (0.75)

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
TEXAS, North								
Hamilton County	20	1526CST			0	0		Hoil (1.00)
Carlton Leon County	30	1520051			U	U		Hail (1.00)
Marquez	30	1530CST			0	0		Thunderstorm Wind (G50)
mai quez		were blown dow	vn by high w	rinds.	v	Ū		manaerstorm ((ma (600))
Leon County								
Flo	30	1545CST			0	0		Thunderstorm Wind (G52)
	Exten	sive tree damage	e near Flo.					
Leon County	30	1549000			0	0		There denote the Minut (C50)
Jewett	30 Trace	1548CST	on by high w	inda	0	0		Thunderstorm Wind (G50)
Hamilton County	Trees	were blown dow	vn by mgn w	mas.				
.5 W Carlton to	30	1552CST	1.2	40	0	0	5K	Tornado (F0)
.5 NE Carlton	00	1554CST						
	Minor	r damage was do	ne to a dairy					
Hunt County								
Quinlan	30	1555CST			0	0		Hail (0.75)
Eastland County	20	1550000	1	100	0	0	5017	T
4 N Rising Star to 5 N Rising Star	30	1559CST 1604CST	1	100	0	0	50K	Tornado (F1)
o it itising bui	Three	barns were dest	royed.					
Hamilton County			•					
Hico	30	1604CST			0	0		Hail (2.00)
Hamilton County								
.5 SW Hico to 2 NE Hico	30	1605CST 1610CST	2.5	100	0	0	75K	Tornado (F0)
	roofs half n	-	linor damage the high sch	e was done to		* *	•	s were partially peeled back. A few house ne to outbuildings, sheds, and trees for one
Eastland County								
6 W Carbon to Carbon	30	1607CST			0	0		Hail (1.75)
Eastland County								
6 NW Rising Star to 6.1 NW Rising Star	30	1610CST 1611CST	0.1	30	0	0		Tornado (F0)
-	This v	was a brief touch	down with n	o apparent d	amage.			
Erath County								
3 E Dublin	30	1619CST			0	0		Hail (1.00)
Erath County	• •	1 (00 000	0.1	20	0	0		
2 S Chalk Mtn to 2.1 S Chalk Mtn	30	1620CST 1621CST	0.1	30	0	0		Tornado (F0)
	This v	was a brief touch	down with n	o apparent d	amage.			
Anderson County	20	1624087			0	0		Hoil (1.00)
Elkhart Anderson County	30	1624CST			U	U		Hail (1.00)
1 E Elkhart to 1.1 E Elkhart	30	1624CST	0.1	30	0	0		Tornado (F0)
	This v	was a brief touch	down with n	o apparent d	amage.			
Bosque County	-	1/00/007			•	•		H 1 (1 00)
Walnut Spgs	30	1639CST			0	0		Hail (1.00)
Hood County	20	1735CST			0	0		Hail (0.88)
Acton Hood County	30	1755651			v	U		11all (0.00)
Cresson	30	1735CST			0	0		Hail (0.88)
J100001		rred just east of t	own.		v			(0000)
Johnson County								
Cleburne	30	1752CST			0	0		Hail (1.00)

		T.	D 4	Path	NT ::	ŝ		
· .		Time Local/	Path Length	Width	Num Pers	sons	Estimated Damage	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
TEXAS, North								
Tarrant County Crowley	30	1805CST			0	0		Hail (1.00)
Clowley		red just west o	f town.		U	U		Hall (1.00)
Johnson County		5						
Burleson	30	1809CST			0	0		Hail (1.25)
Tarrant County	20	1015007			0	0		H 1 (0.75)
Arlington	30 Occur	1815CST red on south si	de of town		0	0		Hail (0.75)
Tarrant County	occui	ieu on south si	de of town.					
Rendon	30	1824CST			0	0		Hail (0.88)
Tarrant County								
Mansfield	30	1832CST			0	0		Hail (1.00)
Tarrant County Dalworthington	30	1841CST			0	0		Hail (1.00)
Tarrant County	30	1041051			Ū	U		Han (1.00)
Arlington	30	1852CST			0	0		Hail (0.88)
C	Occur	red on east side	e of town.					
TEXAS, North Panha	andle							
TXZ001>003-006		ım - Sherma	n - Hansfor	d - Hartley				
	08	1330CST			0	0		High Wind (G36)
	A dee	1800CST	low pressure	system move	deast into s	outhern K	ansas by the early even	ing hours producing a very tight pressure
								nots interpolated at Dalhart and thirty-five
		ustained winds						
TEXAS, Northeast								
Angelina County								
Huntington	01	1300CST			0	0		Hail (0.88)
Angelina County								
2 W Lufkin	01	1326CST			0	0		Hail (0.88)
Harrison County								
2 S Gill	01	1507CST			0	0		Hail (1.75)
Smith County								
Tyler	12	0030CST			0	0		Hail (0.75)
Smith County	12							()
Tyler	12	0033CST			0	0		Hail (0.75)
Franklin County								
Mt Vernon	19	0415CST			0	0	100K	Thunderstorm Wind (G70)
								Nearly 20,000 square feet of tin metal
	roofin	g was damaged	l including tw	o large stacks	which were	blown o	ver.	
Smith County								
Tyler	19 T	2215CST			0	0		Thunderstorm Wind (G55)
	Trees	and power line	es down.					
Smith County								
3 E Lindale	19 Traca	2240CST	EM16		0	0		Thunderstorm Wind (G55)
~	rrees	felled blocking	; 1 WI I U.					
Upshur County	10	224500T			Δ	•		There does to an U.S. 1 (COA)
7 N Gilmer	19 Nume	2245CST erous trees dow	n across II C	271 near EM	0 593	0		Thunderstorm Wind (G60)
H I C	Truine	aous nees uow	11 across U.S.		575.			
Harrison County	10	2310CST			n	0		Thundarstorm Wind (C55)
6 E Longview	19 Sever	al large trees do	own across Co	ountry Club D	0 rive near Lo			Thunderstorm Wind (G55)
	20101				D0	-p =01.		

S	tor	m Data	and	Unusi	ıal V	Veat	her Phe	nomena	
		Time Local/	Path Length	Path Width	Numl Pers		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
TEXAS, Northeast Harrison County 2 S Harleton	19 Nume	2310CST erous trees down	along State	Highway 450 s	0 outh of the	0 Little Cy	press Bayou bridge.	Thunderstorm Wi	nd (G60)
Red River County Detroit	19 Highv	2330CST way 410 flooded a	and impassa	ble.	0	0		Flash Flood	
Cass County Atlanta	down wide.	burst winds. Da	mage patter oped a McD	m was 5 miles	long and s	started wi	th a width of 3/4 n	Thunderstorm Win a southeast Atlanta, TX to niles wide ending with a d a gas main otherwise r	b be consistent with width of 3.5 miles
Angelina County 9 N Lufkin	25	2025CST			0	0		Hail (0.88)	
Angelina County Pollok	25	2030CST			0	0		Hail (0.88)	
Nacogdoches County 2 S Nacogdoches	25	2038CST			0	0		Hail (1.00)	
Shelby County Aiken	25	2110CST			0	0		Hail (1.00)	
Shelby County 15 W Center	25 Light	2110CST ning struck a two	story home	. Two rooms v	0 vere destro	0 yed.	15K	Lightning	
Cherokee County 13 SW Rusk to 11 NE Rusk	30	1642CST 1726CST	22	150	0	0		Tornado (F1)	
		age was confined d into Rusk Coun		ine trees, brok	en tree tops	and tree	limbs. An old hay	y barn had its tin roof pe	eeled. This tornado
Rusk County 1.2 SE Reklaw to 7 W Mt Enterprise	30	1726CST 1748CST	11	100	0	0		Tornado (F1)	
	Dama	age was confined	to felled pir	e trees, broker	tree tops a	nd tree lir	nbs. This tornado o	continued from Cherokee	County, TX.
Smith County Tyler	30	1647CST			0	0		Hail (1.00)	
Gregg County Longview	30	1650CST			0	0		Hail (1.00)	
Cherokee County Rusk	30	1705CST			0	0		Hail (1.75)	
Rusk County 5 SW Henderson	30 Fell a	1727CST It the junction of I	FM 1798 an	d FM 839 near	0 McKnight	0		Hail (0.88)	
Cherokee County 8 SW Rusk	30	1746CST			0	0		Hail (1.75)	
Marion County 10 W Jefferson	30	1747CST			0	0		Hail (1.00)	
Nacogdoches County Looneyville	30	1758CST			0	0		Hail (1.00)	
Nacogdoches County Douglass	30	1800CST			0	0		Hail (1.00)	

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage	1	March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
<u>TEXAS, Northeast</u> Nacogdoches County Cushing	30	1811CST			0	0		Hail (1.00)	
Nacogdoches County 4.8 NW Douglass to 4.9 N Douglass	30 Damas	1815CST 1824CST 29 was confined	3 to a few fell	50 ed pine trees	0 broken tree	0 tops and	tree limbs. This torna	Tornado (F0) do remained in Nacogdoche	s County. TX.
Panola County Beckville	30	1825CST l large trees dow		•	0	0		Thunderstorm Wind (G	·
Angelina County Diboll	30	1900CST			0	0		Hail (1.00)	
Angelina County Lufkin	30	1902CST			0	0		Hail (0.75)	
Angelina County 4.8 SSE Diboll to 8 ENE Huntington	30	1905CST 1949CST	24.3	440	0	6	5M	Tornado (F3)	
	damag Comm	ed and numerou unity one house	s homes we was totally	ere with miss blown off its	ing roofs wh foundation	ile other and destr	s suffered severe roof	entire track. Several barns and structural damage. Sou oved into Angelina County,	uth of the Ora
Nacogdoches County 4.8 S Etoile to 6.1 ESE Etoile	30	1949CST 2000CST	7.5	440	0	0	1.2M	Tornado (F2)	
	severel		estroyed. Th	nis tornado n	noved into Na			ack. Numerous homes and olk County, TX and Angelir	
San Augustine County 16.2 SW San Augustine to 4.9 S San Augustine		2000CST 2031CST cous trees snappe	15.2 and felled	220 I along the ex	0 streme weste	0 rn portio	n of the track. A few	Tornado (F2) power lines were also topple	ed northeast of
	Towns County		ido moved i	nto San Aug	gustine Coun	ty, TX fi	rom Nacogdoches Co	inty, TX, Angelina County,	TX and Polk
Angelina County 2 S Lufkin	30	1922CST			0	0		Hail (0.75)	
Nacogdoches County 2 N Nacogdoches	30 At june	1925CST ction of Hwy 59	and Hwy 25	59.	0	0		Hail (1.00)	
Angelina County Huntington	30	1935CST			0	0		Hail (1.75)	
Shelby County Huxley	30	2045CST			0	0		Hail (0.75)	
Rusk County 10 SW Henderson	31	0030CST			0	0		Hail (1.25)	
Rusk County 5 SE Henderson	31	0105CST			0	0		Hail (0.75)	
Angelina County 2 S Lufkin	31	0341CST			0	0		Hail (0.75)	
San Augustine County 1 S Macune	31 Along	0420CST County Road 70	5.		0	0		Hail (1.75)	

St	tori	m Data	and	Unus	ual W	/eat	her P	Phen	omena	
		Time	Path	Path	Numb		Estima			March 200
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perse Killed	ons Injured	Dama Property	ige Crops	Character of Storm	
TEXAS, Northeast										
Sabine County										
6 N Hemphill	31	0500CST			0	0			Hail (0.88)	
TEXAS, South										
TXZ248>255	-	ta - Jim Hogg	- Brooks	- Kenedy -		0	Willacy - C	ameron		
	01 31	0000CST 2359CST			0	0			Drought	
			and water sł	ortages, mod	erate to seve	re drough	nt conditions	continue	to persist over Deep Sor	uth Texas. Rainfal
									ires from normal have a	
		s at some locations at some lo				en place	d on alert to	r possible	e water shortages. This	continues to be a
TEXAS, South Centra		8	1							
Val Verde County	<u>1</u>									
Pandale	19	1400CST			0	0	0	0	Hail (1.25)	
Val Verde County		1410CST								
8 N Comstock	19	1520CST	0.2	30	0	0	0	0	Tornado (F0)	
		1522CST				~				
	This s no dar		ved tornado	was spotted t	by Val Verde	County	Sheriff's Dej	puties in o	open country north of Co	omstock. It caused
Val Verde County	no dui	inge.								
4 NW Amistad Res East	19	1545CST	0.2	30	0	0	0	0	Tornado (F0)	
	A seco	1547CST and small and she	ort-lived tor	nado was spor	tted by Val V	erde Co	unty deputies	s near Lak	te Amistad in open coun	trv
Val Verde County	11 5000	Sind Sinuir und Sin		indo was spo	uou oy vui v	erae cot	anty deputies	, neur Eu	te ministad in open coun	uy.
16 N Del Rio	19	1610CST	0.2	30	0	0	0	0	Tornado (F0)	
	A thir	1612CST d. and final. smal	ll tornado w	as spotted by	Val Verde C	ountv de	puties north	of Del Ri	o in open country.	
Val Verde County		.,					.		I I I I I I I I I I I I I I I I I I I	
Laughlin Afb	19	1626CST 1630CST			0	0	0	0	Hail (1.25)	
		1050C51								
Kinney County 4 SW Spofford	19	1604CST	0.2	100	0	0	0	0	Tornado (F0)	
4 Sw Sponoru	19	1604CST 1606CST	0.2	100	U	U	U	U	Tornauo (FO)	
	A sma	ll and short-lived	d tornado wa	s observed in	southwest k	Kinney Co	ounty by me	mbers of	the Eagle Pass Fire Depa	artment.
Kinney County Countywide	19	1720CST			0	0	100K	0	Thunderstorm Win	a
County whice	D	1755CST			v	U	1001	Ū	Thuhucistorin win	
	High v	winds estimated a	at 50 to 60 k	nots, caused	widespread n	ninor dar	nage to build	lings and	vehicles across much of	Kinney County.
Maverick County										
5 NE Quemado	19	1800CST 1820CST			0	0	100K	0	Hail (1.75)	
	Large		y winds of 3	5 to 40 knots	, damaged ro	ofs and l	knocked over	r trees in	the Quemado area.	
Uvalde County			,		,					
Countywide	19	1825CST			0	0	250K	100K	Thunderstorm Win	d
		1850CST			_					
									e they knocked down the transformed to the test of tes	
Uvalde County	uozen	power lines, and	reaused dan	lage to 10013	in the area.	Jannage	was also repo		indows in the eastern pa	it of the county.
Uvalde to	19	1830CST			0	0	0	0	Hail (1.00)	
Sabinal Uvalde County		1850CST								
Uvalde to	19	1840CST			0	0	250K	0	Hail (4.50)	
Sabinal		1900CST			-			-		

		Time	Path	Path	Numl		Estim			March 200
location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	sons Injured	Dama Property	age Crops	Character of Storm	
EXAS, South Cent	tral									
Uvalde County										
Sabinal	19	1850CST 1900CST			0	1	50K	0	Hail (4.00)	
	•		ow-hunting	outdoors was	s hit by the l	arge hail.	He was kno	ocked unco	onscious, but recovered she	ortly after beir
(Include Country	taken	to a hospital.								
Uvalde County 3 NW Sabinal to 4 N Sabinal	19	1850CST 1858CST	2	50	0	0	0	0	Tornado (F0)	
+ It Gabinat	by the	all and short-lived	k approxim	ately 3 miles	s northwest	of Sabina	l and tracke	d toward	Reports of the tornado were the east northeast before of	
Zavala County										
Batesville to 15 E Batesville	19	1835CST 1900CST			0	0	50K	100K	Thunderstorm Wind	
		were blown dow ty lines.	n and wind	lows were br	oken in the	northeast	part of Zav	ala Count	y from Batesville to the U	Jvalde and Fr
Frio County										
Frio Town to Big Foot	19	1855CST 1900CST			0	0	0	50K	Thunderstorm Wind	
-		ge was spotty act down.	ross the nor	thern part of	Frio County	due to h	igh winds.	Trees wer	e knocked over and large	tree limbs we
Frio County										
Pearsall	19	1930CST 1950CST			0	0	0	0	Hail (1.75)	
Medina County										
Hondo to 8 E Castroville	19	1855CST 1915CST			0	15	200K	0	Thunderstorm Wind	
	large		out of trees	s. All the da	mage was la	uid out in	an west-sou	thwest to	n, trees knocked over, roo east-northeast path. Over vinds.	
Medina County										
Hondo Arpt	19	1859CST 1905CST			0	0	0	0	Thunderstorm Wind (G69) ^м
Medina County										
Castroville to 6 SE Castroville	19	1905CST 1925CST			0	0	0	0	Hail (1.75)	
Medina County Hondo	19	1905CST			0	0	300K	100K	Hail (4.50)	
	Very	1920CST large hail, up to	softball size	e, was wides _j	pread across	Hondo,	damaging u	p to two-t	hirds of vehicle bodies an	d windows ar
	breaki	ing out building w	indows acr	oss the town.						
Medina County										
6 N Natalia	19	1910CST	0.3	50	0	0	0	50K	Tornado (F1)	

A small and short-lived tornado struck very near a house in the Natalia area. It destroyed a large oak tree that had been determined to be an historic location. Researchers had documented that this was the tree under which General Antonio Lopez de Santa Anna Perez de Lebron had camped when he and his troops rested on the banks of Chacon Creek during his march on the Alamo in March of 1836.

		Time Local/	Path Length	Path Width	Numb Pers		Estima Dama		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
FEXAS, South Centr	al								
Bexar County									
Countywide	19	1915CST 2000CST			0	10	2M	100K	Thunderstorm Wind
	two-tl and c south home wides wides exclus dama	hirds of the county ars, and knocked west Bexar Counts s and houses seve pread downburst pread downburst sively along a sou ge to the least of punced gradients of	v, caused wid over power y just norther rely damage damage, ev- wind damage thwest to no the damage	lespread dest poles. Abo east of the to d or destroy vidence was ge from the rtheast path e. The torna	ruction of tr but ten perso wn of Lytle ed, with min found of s tornado da and showed do damage	ees and l ons were e. Emerg nor dama mall and mage. 7 a consist indicated	imbs. The h injured by gency manag ge to anothe l short-lived The main cl tent and grad d completely	tigh winds the flying ement and or 100 mol tornadoe lues were lual gradie different	rly continuous damage over the easter damaged roofs, propelled hail into home debris. The greatest devastation was i d Red Cross officials estimated 50 mobil bile homes and houses. In addition to th s. It was very difficult to separate th that the downburst damage was almose ent of damage levels from the worst of th direction of movement and very strong structures to the right and left of it nearl
Bexar County									
San Antonio Intl Arp	19	1915CST 1920CST			0	0	0	0	Thunderstorm Wind (G70) ^M
Bexar County 8.5 W Von Ormy to	19	1915CST	0.5	20	0	0	500K	0	Tornado (F0)
8 W Von Ormy	D	1917CST	0.0	20	v	Ū	2001	v	
Bexar County	move	d toward the south	neast for one	mile, then d	issipated. T	he path w	width was 20	yards. It	f Greenwood Road and Gridley Road. I damaged roofs and walls of mobile home ossed the debris. It dissipated at 717 pm.
8.5 W Von Ormy to	19	1917CST	0.5	20	0	0	500K	0	Tornado (F0)
					17 pm at the	intersect	ion of Jarret	t Road and	d Gridley Road. It also tracked toward th
Bexar County 8.5 W Von Ormy to 8 W Von Ormy	house 19 Torna	es, and damaged tr 1917CST 1919CST ado number three,	ees in the ar 0.5 an F1 on th	ea. Debris w 20 ne Fujita Sca	as again tos 0 le, also form	sed in sev 0 ned arour	veral directio 500K nd 717 pm a	ons. This 0 ut the inter	It damaged roofs of mobile homes an tornado dissipated at 719 pm. Tornado (F1) rsection of Ess Road and Jarrett Road.
8.5 W Von Ormy to	house 19 Torna move	es, and damaged tr 1917CST 1919CST ado number three, d toward the sout	ees in the ar 0.5 an F1 on th heast, dissipa	ea. Debris w 20 he Fujita Sca ating after or	as again tos 0 le, also form ne-half mile.	sed in sev 0 ned arour . Its path	veral directio 500K nd 717 pm a n width was	0 0 at the inter estimated	tornado dissipated at 719 pm. Tornado (F1)
8.5 W Von Ormy to 8 W Von Ormy	house 19 Torna move	es, and damaged tr 1917CST 1919CST ado number three,	ees in the ar 0.5 an F1 on th heast, dissipa	ea. Debris w 20 he Fujita Sca ating after or	as again tos 0 le, also form ne-half mile.	sed in sev 0 ned arour . Its path	veral directio 500K nd 717 pm a n width was	0 0 at the inter estimated	tornado dissipated at 719 pm. Tornado (F1) rsection of Ess Road and Jarrett Road.
8.5 W Von Ormy to	house 19 Torna move	es, and damaged tr 1917CST 1919CST ado number three, d toward the sout	ees in the ar 0.5 an F1 on th heast, dissipa	ea. Debris w 20 he Fujita Sca ating after or	as again tos 0 le, also form ne-half mile.	sed in sev 0 ned arour . Its path	veral directio 500K nd 717 pm a n width was	0 0 at the inter estimated	tornado dissipated at 719 pm. Tornado (F1) rsection of Ess Road and Jarrett Road.
8.5 W Von Ormy to 8 W Von Ormy Bexar County 8 W Von Ormy to 7.5 W Von Ormy	house 19 Torna move dama 19 Torna towar tied e	ss, and damaged tr 1917CST 1919CST ido number three, d toward the sout ged others and als 1919CST 1923CST ido number four, d the southeast, di	ees in the ar 0.5 an F1 on the heast, dissipated to 1 another F1, issipating after erely damagent	20 e Fujita Sca ating after or rees in the ar 50 formed 1 m er one mile. ed all three.	as again tos 0 le, also form ne-half mile. ea. This tor 0 ile east of t Its path wice	sed in set 0 ned aroun . Its path nado diss 0 he interso ith was e	veral direction 500K and 717 pm a an width was sipated near 500K ection of Ess stimated at 5	ons. This 0 at the inter estimated 719 pm. 0 s road and 50 yards. 1	tornado dissipated at 719 pm. Tornado (F1) resection of Ess Road and Jarrett Road. 1 at 20 yards. It destroyed a mobile home
8.5 W Von Ormy to 8 W Von Ormy Bexar County 8 W Von Ormy to 7.5 W Von Ormy Bexar County	house 19 Torna move dama 19 Torna towar tied e the re	es, and damaged tr 1917CST 1919CST ado number three, d toward the sout ged others and als 1919CST 1923CST ado number four, d the southeast, di nd-to-end and sev mainder of its dar	ees in the arc 0.5 an F1 on th heast, dissipp o damaged t 1 another F1, issipating aft erely damag nage was to	20 The Fujita Sca ating after or reces in the ar 50 formed 1 m er one mile. ed all three. trees.	as again tos 0 le, also form ne-half mile. ea. This tor 0 ile east of t Its path wid It left them	sed in se 0 ned aroun . Its path nado diss 0 he interso th was e twisted in	veral direction 500K nd 717 pm a n width was sipated near 500K ection of Ess stimated at 5 nto the shape	ons. This 0 at the inter estimated 719 pm. 0 s road and 50 yards. 1 e of a lette	 tornado dissipated at 719 pm. Tornado (F1) rsection of Ess Road and Jarrett Road. If at 20 yards. It destroyed a mobile home Tornado (F1) d Jarrett Road around 719 pm. It move for struct three mobile homes that had bee r 'U.' With no other structures in the area
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8.5 W Von Ormy to 8 W Von Ormy Bexar County 8 W Von Ormy to 7.5 W Von Ormy Bexar County 3 NW Somerset to 4.5 NW Somerset Bexar County 4 ENE Somerset to 4 E Somerset	house 19 Torna move dama, 19 Torna towar tied e the re 19 Torna the in for 1. home 19 Torna and tr	es, and damaged tr 1917CST 1919CST ado number three, d toward the sout ged others and als 1919CST 1923CST ado number four, d the southeast, di nd-to-end and sev mainder of its dar 1920CST 1926CST ado number five, s tersection of Loop 5 miles. It appa s and damaged se 1925CST 1929CST ado number six, st	ees in the arr 0.5 an F1 on th heast, dissipp o damaged t 1 another F1, dissipating aff erely damag nage was to 1.5 trongest of t o 1604 and I rently weak veral others. 0.5 ruck just eas southeast. 1	ea. Debris w 20 ae Fujita Sca ating after or reces in the ar 50 formed 1 m er one mile. ed all three. trees. 50 he six and ra 35. It struck ened periodic 60 st of Somersed it damaged a	as again tos 0 le, also form ne-half mile. ea. This tor 0 ile east of t Its path wid It left them 0 ted as a min a near 720 p cally, produ 0 et on SH16, large barn a	sed in se 0 ned aroun . Its path nado diss 0 he interss th was e twisted in 30 imal F2 t m along cing a hi 0 about on	veral direction 500K and 717 pm a an width was sipated near 500K ection of Ess stimated at 5 nto the shape 2M tornado on the near Silver 5 trand-miss of 1M e mile north	ons. This 0 at the inter estimated 719 pm. 0 s road and 50 yards. 1 e of a lette 0 me Fujita S Street and lamage pa 0 of Loop	tornado dissipated at 719 pm. Tornado (F1) rsection of Ess Road and Jarrett Road. I at 20 yards. It destroyed a mobile home Tornado (F1) d Jarrett Road around 719 pm. It move It struck three mobile homes that had bee r 'U.' With no other structures in the area Tornado (F2) Ecale, formed about 3.5 miles southwest of Bravo Street and moved toward the nort th. It completely destroyed four mobil Tornado (F1) 1604. It was rated F1 on the Fujita Scale
8.5 W Von Ormy to 8 W Von Ormy Bexar County 8 W Von Ormy to 7.5 W Von Ormy Bexar County 3 NW Somerset to 4.5 NW Somerset Bexar County 4 ENE Somerset to	house 19 Torna move dama, 19 Torna towar tied e the re 19 Torna the in for 1. home 19 Torna and tr	es, and damaged tr 1917CST 1919CST ado number three, d toward the sout ged others and als 1919CST 1923CST ado number four, d the southeast, di nd-to-end and sev mainder of its dar 1920CST 1926CST ado number five, s tersection of Loop 5 miles. It appa s and damaged se 1925CST 1929CST ado number six, st racked toward the	ees in the arr 0.5 an F1 on th heast, dissipp o damaged t 1 another F1, dissipating aff erely damag nage was to 1.5 trongest of t o 1604 and I rently weak veral others. 0.5 ruck just eas southeast. 1	ea. Debris w 20 ae Fujita Sca ating after or reces in the ar 50 formed 1 m er one mile. ed all three. trees. 50 he six and ra 35. It struck ened periodic 60 st of Somersed it damaged a	as again tos 0 le, also form ne-half mile. ea. This tor 0 ile east of t Its path wid It left them 0 ted as a min a near 720 p cally, produ 0 et on SH16, large barn a	sed in se 0 ned aroun . Its path nado diss 0 he interss th was e twisted in 30 imal F2 t m along cing a hi 0 about on	veral direction 500K and 717 pm a an width was sipated near 500K ection of Ess stimated at 5 nto the shape 2M tornado on the near Silver 5 trand-miss of 1M e mile north	ons. This 0 at the inter estimated 719 pm. 0 s road and 50 yards. 1 e of a lette 0 me Fujita S Street and lamage pa 0 of Loop	tornado dissipated at 719 pm. Tornado (F1) rsection of Ess Road and Jarrett Road. I at 20 yards. It destroyed a mobile home Tornado (F1) d Jarrett Road around 719 pm. It move It struck three mobile homes that had bee r 'U.' With no other structures in the area Tornado (F2) Ecale, formed about 3.5 miles southwest of Bravo Street and moved toward the nort th. It completely destroyed four mobil Tornado (F1) 1604. It was rated F1 on the Fujita Scale
8.5 W Von Ormy to 8 W Von Ormy Bexar County 8 W Von Ormy to 7.5 W Von Ormy Bexar County 3 NW Somerset to 4.5 NW Somerset Bexar County 4 ENE Somerset to 4 E Somerset	 house 19 Torna move dama, 19 Torna towar tied e the re 19 Torna the in for 1. home 19 Torna and tr one-h 	es, and damaged tr 1917CST 1919CST do number three, d toward the sout ged others and als 1919CST 1923CST ido number four, d the southeast, di nd-to-end and sev mainder of its dar 1920CST 1926CST ido number five, s itersection of Looj 5 miles. It appa s and damaged se 1925CST 1929CST ido number six, st acked toward the alf mile. It was es 1930CST	ees in the arr 0.5 an F1 on th heast, dissipp o damaged t 1 another F1, dissipating aff erely damag nage was to 1.5 trongest of t o 1604 and I rently weak veral others. 0.5 ruck just eas southeast. 1	ea. Debris w 20 ae Fujita Sca ating after or reces in the ar 50 formed 1 m er one mile. ed all three. trees. 50 he six and ra 35. It struck ened periodic 60 st of Somersed it damaged a	as again tos 0 le, also form ne-half mile. ea. This tor 0 ile east of t Its path wid It left them 0 ted as a min c near 720 p cally, produ 0 et on SH16, large barn a	sed in se 0 ned arouu . Its path nado diss 0 he intersed ith was e twisted in 30 imal F2 t m along cing a hi 0 about on and seven	veral direction 500K and 717 pm a a width was sipated near 500K ection of Ess stimated at 5 nto the shape 2M tornado on the near Silver 5 it-and-miss of 1M e mile north ral outbuildin	ons. This 0 at the inter estimated 719 pm. 0 s road and io yards. I e of a lette 0 ne Fujita S Street and damage pa 0 of Loop ngs at a co	tornado dissipated at 719 pm. Tornado (F1) rsection of Ess Road and Jarrett Road. If at 20 yards. It destroyed a mobile home Tornado (F1) d Jarrett Road around 719 pm. It move It struck three mobile homes that had bee r 'U.' With no other structures in the area Tornado (F2) Scale, formed about 3.5 miles southwest of Bravo Street and moved toward the nort th. It completely destroyed four mobil Tornado (F1) 1604. It was rated F1 on the Fujita Scale onstruction site as it moved approximatel

		Time Local/	Path Length	Path Width	Numb Pers		Estima Dama			March 200
location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
EXAS, South Centra	al									
Atascosa County										
Lytle	19	1950CST			0	0	500K	100K	Thunderstorm Wind	
		2020CST re winds in the L in the area.	ytle area da	maged or dest	royed three r	nobile ho	omes, while l	blowing o	ver trees, limbs, road signs	s, and damagi
Wilson County										
Countywide	19	2010CST 2030CST			0	0	200K	100K	Thunderstorm Wind	
									unty. The worst of the dat ed, and outbuildings were	
Guadalupe County										
Countywide	19	2030CST 2050CST			0	2	500K	100K	Thunderstorm Wind	
	home path o sides. distan drove	had been rolled of damage with To the left, an ace. This damag	l over a truch the stronges nother mobil ge was clearl o her mother	k and was con t damage in t e home was y due to a do 's house near	mpletely dest he center por moved, but wnburst. On by. When s	royed. C rtion whe with only e woman he return	Close inspect ere the mobi minor dam , on hearing ed, her mob	tion of the le home v age. To the NWS ile home	ral homes and mobile homes damage revealed a diverge vas destroyed, and lesser of the right, a tractor was ro warning, evacuated her m had been destroyed. Both a derecho.	gent, fan-shap lamage on bo lled for a sho obile home a
Guadalupe County										
New Braunfels	19	2035CST 2040CST			0	0	0	0	Thunderstorm Wind (G59) ^M
Hays County										
Countywide	19	2035CST 2045CST			0	0	100K	100K	Thunderstorm Wind	
	and d		and vehicles	. The worst					ked over trees, brought do inty, near the town of San	•
Hays County										
San Marcos Muni Arpt	19	2035CST 2040CST			0	0	0	0	Thunderstorm Wind (G50) ^M
Caldwell County										
Countywide	19	2045CST 2105CST			0	0	50K	100K	Thunderstorm Wind	
	had co								t had begun in eastern Be s reported to roofs of home	
Bastrop County										
Countywide	19	2100CST 2125CST			0	0	100K	100K	Thunderstorm Wind	
	sustai	1	n Bexar Co	unty through					ortheast direction, continui spotty damage was indica	0
Lee County	19	2115CST			0	0	200K	50K	Thunderstorm Wind	
Lee County Countywide		2140CST								
•	Wides	spread wind dar	-		*		• •	•	estimated at 60 to 70 kno	ots. The stor
Countywide	Wides		-		*		• •	•		ots. The stor
Lee County Countywide Lee County Lexington	Wides	spread wind dar	-		*		• •	•		

S	tor	m Data	and	Unus	ual V	Veat	her P	hen	omena	
		Time Local/	Path Length	Path Width	Numb	ons	Estima Dama	ge		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
TEXAS, South Centra Dimmit County 15 NW Carrizo Spgs to		2125CST			0	0	0	50K	Thunderstorm Wind	
10 N Carrizo Spgs	A second as the	y tracked east-so	outheastwar	d. The storms	s produced h	igh wind	s that caused	l spotty d	northwest Dimmit Coun amage over the northwes cnocked over, with limbs	t part of Dimmit
Bexar County										
5 NW Helotes	31 A ver	0510CST 0515CST y small and comp	pact downb	urst struck nor	0 thwest Bexa	0 r County,	0 knocking ov	75K ver some	Thunderstorm Wind 15 trees.	
TEXAS, South Panha	ndle									
	NONI	E REPORTED.								
<u>TEXAS, Southeast</u> Jasper County										
Jasper	25 Trees	2115CST and power lines	were blowr	ı down.	0	0	5K		Thunderstorm Wind	
Jasper County										
5 E Jasper	25 Large	2200CST trees were blown	n down on j	power lines.	0	0	5K		Thunderstorm Wind	
Newton County										
6 N Burkeville	25 Trees	2215CST were blown dow	n on power	lines.	0	0	5K		Thunderstorm Wind	
Newton County										
Bon Wier	25 Trees	2232CST were blown dow	'n.		0	0	5K		Thunderstorm Wind	
Hardin County										
Batson	30	2025CST			0	0			Hail (0.75)	
<u>TEXAS, West</u> Ector County										
Penwell	29 Minor	1740CST street flooding v	was reported	d in Penwell b	0 y a trained sj	0 potter.	0	0	Urban/Sml Stream Fl	d
Howard County Forsan	29	1800CST			0	0	0	0	Hail (0.75)	
Ector County					-	-	-	-	()	
Penwell Mitchell County	29	1820CST			0	0	0	0	Hail (0.75)	
Colorado City Midland County	29	1858CST			0	0	0	0	Hail (0.75)	
1 E Spraberry Glasscock County	29	1900CST			0	0	0	0	Hail (0.88)	
14 W Garden City	29	1915CST 1923CST		·1 · T	0	0	0	0	Hail (1.00)	
Glasscock County	Local	TV meteorologis	st reported I	ian covering F	ngnway 158	•				
Garden City Howard County	29	1930CST			0	0	0	0	Hail (0.75)	
5 SE Big Spring Mitchell County	29	1942CST			0	0	0	0	Hail (0.75)	
Colorado City Upton County	29	2045CST			0	0	0	0	Hail (0.75)	
Rankin	30	0130CST			0	0	0	0	Hail (0.75)	

									omena	
		Time Local/	Path Length	Path Width	Number Persor		Estimat Damag			March 200
Location	Date	Standard	(Miles)	(Yards)	Killed I	njured	Property	Crops	Character of Storm	
TEXAS, West										
Gaines County	20	0210CCT			0	0	0	0	H-9 (1 00)	
Seminole	hours of	of the 30th. T	The activity		elevated in a	naturep	roducing la		Hail (1.00) ng of the 29th and int ap to the size of qua	
TEXAS, Western N	<u>orth</u>									
TXZ086-090	Wichi 01 02	ita - Clay 2300CST 0600CST			0	0			Ice/Snow	
	A shor precipit accumu	rt period of w tation started a ulations less th	s freezing ra an one inch	ain, with amour	nts generally set of the fre	less than ezing ra	one tenth o one tenth o one tenth o	f an inch h north y	ring the early mornin , before transitioning winds of 30 to 40 mp ack of large ice or snow	to snow, with snow h and temperatures
UTAH, East										
UTZ023-025-028	13	rn Uinta Mo 1400MST 0600MST	untains - '	Favaputs Pla	teau - La S 0	al & Al 0	bajo Moun	tains	Winter Storm	
		Pacific airmas		th across easter cally up to two					in the mountains, alo	ng with winds of 40
UTZ023-025	Easter 16	rn Uinta Mo 0000MST	untains - 7	Favaputs Pla	teau 0	0			Heavy Snow	
		1200MST st Pacific storn ported 6 to 12		-	Jtah, produci	ng heavy	snow in the	e mounta	ins of northeast Utah	. Automated Snote
<u>UTAH, West and Co</u> UTZ002>004-006>00	08 North Front North 17 18	/Lehi/Provo/	Nephi - V		intain Vall				Foole Valleys - So /Heber - Wasatch Heavy Snow	
	Alta, 1	5 inches at Sno	wbird and S	solitude, 13 inch	nes on the Ea	st Salt La	ake bench, 1	1 inches	n Front. Snow totals ir in East Millcreek, 10 i ernational Airport.	
Tooele County	Alta, 1	5 inches at Sno	wbird and S	solitude, 13 inch	nes on the Ea	st Salt La	ake bench, 1	1 inches		
Tooele County Central Portion	Alta, 1: 9 inche 23	5 inches at Sno es in Centerville 1700MST	owbird and S e, Stansbury	solitude, 13 inch	nes on the Ea Park, and 8 is 0	st Salt La nches at 0	ake bench, 1 the Salt Lake 0	1 inches e City Int 0	in East Millcreek, 10 i ernational Airport. Thunderstorm Win	nches at Val Verda
	Alta, 1: 9 inche 23 A thune Wasal 23 24 A fast-	5 inches at Sno es in Centerville 1700MST derstorm wind tch Mountai 2100MST 1200MST moving cold fr	wbird and S e, Stansbury gust to 61 n n Valleys / ront brought	solitude, 13 incl Park and Rose nph (53 kts) was Huntsville/Pa a burst of heav	nes on the Ea Park, and 8 i s recorded by ark City/He 0	st Salt La nches at 0 the Flux 2 ber - V 0	ake bench, 1 the Salt Lake mesonet in Vasatch M 0 ch Mountain:	1 inches e City Int 0 Tooele C ountain 0 s of Nort	in East Millcreek, 10 i ernational Airport. Thunderstorm Win	nches at Val Verda nd (G53) ^M light amounts in the
Central Portion UTZ006-008	Alta, 1: 9 inche 23 A thund 23 24 A fast- lower e inches	5 inches at Sno es in Centerville 1700MST derstorm wind tch Mountai 2100MST 1200MST moving cold fr elevations. Alta in Park City.	wbird and S e, Stansbury gust to 61 n n Valleys / ront brought	solitude, 13 incl Park and Rose nph (53 kts) was Huntsville/Pa a burst of heav	nes on the Ea Park, and 8 i s recorded by ark City/He 0	st Salt La nches at 0 the Flux 2 ber - V 0	ake bench, 1 the Salt Lake mesonet in Vasatch M 0 ch Mountain:	1 inches e City Int 0 Tooele C ountain 0 s of Nort	in East Millcreek, 10 i ernational Airport. Thunderstorm Win Jounty. In South Of I80 Heavy Snow hern Utah, with only 1	nches at Val Verda nd (G53) ^M light amounts in the
Central Portion UTZ006-008 <u>VERMONT, North</u>	Alta, 1: 9 inche 23 A thun Wasat 23 24 A fast- lower e inches and Cen	5 inches at Sno es in Centerville 1700MST derstorm wind tch Mountai 2100MST 1200MST moving cold fr elevations. Alta in Park City. tral	wbird and S e, Stansbury gust to 61 n n Valleys / ront brought	solitude, 13 incl Park and Rose nph (53 kts) was Huntsville/Pa a burst of heav	nes on the Ea Park, and 8 i s recorded by ark City/He 0	st Salt La nches at 0 the Flux 2 ber - V 0	ake bench, 1 the Salt Lake mesonet in Vasatch M 0 ch Mountain:	1 inches e City Int 0 Tooele C ountain 0 s of Nort	in East Millcreek, 10 i ernational Airport. Thunderstorm Win Jounty. In South Of I80 Heavy Snow hern Utah, with only 1	nches at Val Verda nd (G53) ^M light amounts in the
Central Portion UTZ006-008	Alta, 1: 9 inche 23 A thund 23 24 A fast- lower e inches	5 inches at Sno es in Centerville 1700MST derstorm wind tch Mountai 2100MST 1200MST moving cold fr elevations. Alta in Park City. tral	wbird and S e, Stansbury gust to 61 n n Valleys / ront brought	solitude, 13 incl Park and Rose nph (53 kts) was Huntsville/Pa a burst of heav	nes on the Ea Park, and 8 i s recorded by ark City/He 0	st Salt La nches at 0 the Flux 2 ber - V 0	ake bench, 1 the Salt Lake mesonet in Vasatch M 0 ch Mountain:	1 inches e City Int 0 Tooele C ountain 0 s of Nort	in East Millcreek, 10 i ernational Airport. Thunderstorm Win Jounty. In South Of I80 Heavy Snow hern Utah, with only 1	nches at Val Verda nd (G53) ^M light amounts in the
Central Portion UTZ006-008 <u>VERMONT, North</u>	Alta, 1: 9 inche 23 A thund Wasal 23 24 A fast- lower e inches and Cen 03 A com northea associa	5 inches at Sno es in Centerville 1700MST derstorm wind tch Mountai 2100MST 1200MST moving cold fr elevations. Alta in Park City. ttral ge 1900EST 1930EST nplex storm sy ast. This system uted cold front	wbird and S e, Stansbury gust to 61 n n Valleys/ ront brought a picked up stem, with a consolidat which move	centers over L ed into one stor	nes on the Ea Park, and 8 i o s recorded by mrk City/He 0 ry snow to th es, with 24 i 0 ake Huron a rm and reach rea during the	st Salt La nches at 0 the Flux eber - V 0 e Wasato nches at 0 nd centr ed Labra e late aff	ake bench, 1 the Salt Lake o mesonet in Vasatch M o th Mountain: Snowbird, 2 5K ral New You idor early M ternoon and	1 inches : e City Int 0 Tooele C ountain 0 s of Nort 0 inches ck state o onday, M evening	in East Millcreek, 10 i ernational Airport. Thunderstorm Win ounty. Is South Of I80 Heavy Snow hern Utah, with only i at Solitude, 8 inches	nches at Val Verda nd (G53) ^M light amounts in the in Woodland, and 7 March 3rd, moved ds accompanied the
Central Portion UTZ006-008 VERMONT, North	Alta, 1: 9 inche 23 A thund Wasal 23 24 A fast- lower e inches and Cen 03 A com northea associa	5 inches at Sno es in Centerville 1700MST derstorm wind tch Mountai 2100MST 1200MST 1200MST in Park City. tral ge 1900EST 1930EST plex storm sy ast. This system uted cold front portions of Ora	wbird and S e, Stansbury gust to 61 n n Valleys/ ront brought a picked up stem, with a consolidat which move	centers over L ed into one stored ed across the an	nes on the Ea Park, and 8 i o s recorded by mrk City/He 0 ry snow to th es, with 24 i 0 ake Huron a rm and reach rea during the	st Salt La nches at 0 the Flux eber - V 0 e Wasato nches at 0 nd centr ed Labra e late aff	ake bench, 1 the Salt Lake o mesonet in Vasatch M o th Mountain: Snowbird, 2 5K ral New You idor early M ternoon and	1 inches : e City Int 0 Tooele C ountain 0 s of Nort 0 inches ck state o onday, M evening	in East Millcreek, 10 i ernational Airport. Thunderstorm Win ounty. Is South Of I80 Heavy Snow hern Utah, with only 1 at Solitude, 8 inches 1 High Wind on Sunday morning, farch 4th. Strong win	nches at Val Verda nd (G53) ^M light amounts in the in Woodland, and 7 March 3rd, moved ds accompanied the
Central Portion UTZ006-008 <u>VERMONT, North</u> VTZ010	Alta, 1: 9 inche 23 A thun Wasat 23 24 A fast- lower e inches and Cen Orang 03 A com northea associa across p	5 inches at Sno es in Centerville 1700MST derstorm wind tch Mountai 2100MST 1200MST 1200MST in Park City. tral ge 1900EST 1930EST plex storm sy ast. This system uted cold front portions of Ora	wbird and S e, Stansbury gust to 61 n n Valleys/ ront brought a picked up stem, with a consolidat which move	centers over L ed into one stored ed across the an	nes on the Ea Park, and 8 i o s recorded by mrk City/He 0 ry snow to th es, with 24 i 0 ake Huron a rm and reach rea during the	st Salt La nches at 0 the Flux eber - V 0 e Wasato nches at 0 nd centr ed Labra e late aff	ake bench, 1 the Salt Lake o mesonet in Vasatch M o th Mountain: Snowbird, 2 5K ral New You idor early M ternoon and	1 inches : e City Int 0 Tooele C ountain 0 s of Nort 0 inches ck state o onday, M evening	in East Millcreek, 10 i ernational Airport. Thunderstorm Win ounty. Is South Of I80 Heavy Snow hern Utah, with only 1 at Solitude, 8 inches 1 High Wind on Sunday morning, farch 4th. Strong win	nches at Val Verda nd (G53) ^M light amounts in the in Woodland, and 7 March 3rd, moved ds accompanied the

St	tor	m Data	a and	Unus	ual V	Veat	her Pho	enomena	
		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 200
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Cro	ps Character of Storm	
VERMONT, North an	nd Ce	ntral							
		ing of March 10 in the St Alban		vn of Swantor	n, the wind w	as measu	ured at 62 mph (54	4 knots). In addition, trees we	re reported blow
VTZ005	Chit 10	tenden 0130EST			0	0	5K	High Wind	
	early	morning hours of	of March 10t	h. Strong win	ds were asso	ciated wit	th this low pressu	ng cold front moved across t re system and strong cold from with numerous homes witho	nt during the earl
VTZ009	Addi 10	ison 0130EST 0230EST			0	0	30K	High Wind	
	early morn Unior	rm system move morning hours of ing of March 10	of March 10t 0th. Trees w he wind was	h. Strong win vere blown do measured at	ds were asso own in the N	ciated wit Iiddlebur	th this low pressur y area with abou	ng cold front moved across ti re system and strong cold fron t 1000 people without powe feet in diameter) was uprooted	nt during the earler. At Middlebur
VTZ003	Orle 10	0200EST			0	0	5K	High Wind	
	early	morning hours of	of March 10t	h. Strong win	ds were asso	ciated wit		ng cold front moved across the system and strong cold from h power outages.	
VTZ008	Was	hington							
	10	0200EST 0300EST			0	0	5K	High Wind	
	early morn	rm system move morning hours o	of March 10t 0th. Trees v	h. Strong win	ds were asso	ciated wit	th this low pressur	ng cold front moved across the system and strong cold from the system and strong cold from the total power was out in the t	nt during the earl
VTZ011	Rutl	and							
	10	0230EST 0345EST			0	0	5K	High Wind	
	early	rm system move morning hours o	of March 10t	h. Strong win	ds were asso	ciated wit	th this low pressur	ng cold front moved across the system and strong cold from the power outages across the contract of the system outages across the contract of the system of	nt during the early
VTZ003>004-006>008- 010-012	Orle	ans - Essex - I	Lamoille -	Caledonia	- Washingt	on - Or	ange - Windson	r	
010 012	18	1000EST 1600EST			0	0	7K	Light Snow	
	acros	rea of low press	ccumulation	s generally 3	to 6 inches of	wet sno	-	uring the day of March 18th cumulations were in the high	-
VTZ002-004-009	Fran 20	nklin - Essex - 1500EST 2200EST	Addison		0	0	15K	Light Snow	
	Engla	e season winter and Wednesday hours. Accumu	night. Snow	spread across	s the area du	ring the r	norning and beca	day, March 20th passing acr me steadier during the aftern er amounts across the remain	oon into the earl
VTZ003-006>008-	Orle	ans - Lamoill	e - Caledor	nia - Washi	ngton - Or	ange - F	Rutland - Wind	sor	
010>012	20	1900EST 2200EST			0	0	110K	Winter Storm	
	Engla	e season winter and Wednesday	night. Snow	spread acros	s the area du	ring the	morning and bec	day, March 20th passing acr ame steadier and heavier du	ring the afternoo

A late season whiter storm moved northeast from the Tennessee Valley early wednesday, March 20th passing across southern New England Wednesday night. Snow spread across the area during the morning and became steadier and heavier during the afternoon and first part of the night, before tapering off to flurries. Accumulations of the heavy wet snow ranged from 6 to 12 inches, with greater than 7 inches generally falling by about 6 PM on the 20th. Numerous accidents were reported, especially in the counties of

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)		ber of sons Injured	Estimated Damage Property Cro	ps Character of Storm	March 2002
VERMONT, North and	d Cer	ntral						-	
	Rutlan accum had 9	nd, Washington nulations include inches as well a	ed: In Caled as Eden in La	onia county, amoille coun	Groton had 1 ty. In East W	2 inches allingford	while East Burke l (Rutland county	t time in Washington county. had 7.7 inches. In Orleans cou) and Worcester (Washington ield had 12 inches while Ludlo	nty, East Albany county) received
	Rutla 26	and - Windso 1400EST 2359EST	r		0	0	30K	Mixed Precipitation	
	New I afterno with th	season storm s England during oon of the 26th	the night of , then mixed id ice. Nume	f March 26th with and cha	n and early ' anged to slee	Wednesda t and free	y morning, Marc	ing of Tuesday, March 26th and the 27th. Snow overspread the the evening. Travel conditions county. In general, across the	area during the were hazardous
		ans - Essex - I	Lamoille -	Caledonia	0		-		
	26 27	1600EST 0330EST			0	0	70K	Winter Storm	
	change reporte fell. In accum and Ea	ed to sleet and ed, especially in n the counties nulations includ ast Albany (Orle	freezing rai n Washington of Essex, C ed: In Caled eans county)	n late at nig a county. In orleans and I onia county, both received	ht. Travel co general, acro Lamoille ger Groton recei d 6 inches of	onditions oss Caledo nerally 6 wed 12 in	were hazardous onia and Washing to 8 inches fell ches while West	I early night hours. The snow with the wet snow. Numerous ton counties, between 6 and 12 with some ice accumulation. Burke had 10 inches. Eden (I ton county, Waitsfield had 10	accidents were inches of snow A few specific amoille county
	Gran 26	d Isle - Fran 1600EST	klin - Chitt	enden - Ad	ldison 0	0	60K	Winter Storm	
	New H afterno change Numer precipi	England during bon of the 26th ed to sleet and rous accidents itation. A few s ittenden county	the night of h, becoming freezing rain were reporte pecific accur	f March 26th steadier and during the d. In general nulations inc	n and early l heavier dur night. Trave l, between 7 luded: In Fra	Wednesda ing the la l conditio and 10 i nklin cou	y morning, Marc ate afternoon and ns were hazardou nches of snow fe nty, St Albans and	ing of Tuesday, March 26th and the 27th. Snow overspread the l early night hours. The snow is with the wet snow and mix ell across the area before it ch d Sheldon Springs both receive ison county, with 12 inches r	area during the mixed with or ed precipitation hanged to mixed of 7 inches while
	Oran	0							
	26 27	1600EST 0100EST			0	0	20K	Winter Storm	
	New I afterno change	England during oon of the 26th	the night of , becoming s freezing rain	f March 26th teadier and h during the r	n and early veavier during hight. Travel	Wednesda g the mid	y morning, Marc afternoon into th	ing of Tuesday, March 26th au ch 27th. Snow overspread the e early night hours. The snow with the wet snow and ice. In	area during the mixed with then
VERMONT, South									
	Wind 10	lham 0100EST 0300EST			0	0	30K	High Wind	
	flow a early of front p	cross southern on March 10th.	Vermont on A line of sh damage acro	the evening lowers and e	of March 9. mbedded thu	Then, a si inderstorn	trong cold front n ns accompanied t	he southeast coast, produced a noved across the region shorth he front. Strong winds ahead orted a large number of trees	y after midnight, of and along the
	D	ington - Win	dham						

St	tori	m Data	and	Unus	ual V	Veat	her Pher	nomena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numl Pers Killed		Estimated Damage Property Crops	Character of Storm	March 2002
VERMONT, South									
VIRGIN ISLANDS St. Croix County St. Croix	Bennin signifi 03	ngton County, 9 cant problems 1100AST 1300AST year old man w) at Townser were reporte	nd Lake and a d to the Natio	a foot at We nal Weather 1	st Wardst Service o 0	poro. With the exce ffice at Albany, NY	rfall amounts included 9 ption of some vehicular as a result of this early sp Rip Currents choppy waters on the is	accidents, no othe pring storm.
VIRGINIA, East									
Brunswick County Alberta	26 Trees	2000EST down.			0	0	2K	Thunderstorm Win	d
Chesterfield County Chester	26 Trees	2040EST down in Stoney	Glen West		0	0	2K	Thunderstorm Win	d
Henrico County	11003	down in Stoney	Gien West.						
Sandston	26 Trees	2045EST down.			0	0	2K	Thunderstorm Win	d
VIRGINIA, Extreme S	South	west							
Wise County Countywide	17 18 F75IW	2045EST 2000EST			1	0		Flash Flood	
Lee County	17510	1							
Countywide	17 18	2325EST 2000EST			0	0		Flash Flood	
Russell County Countywide	17 18	2325EST 2000EST			0	0		Flash Flood	
Washington County									
Countywide	17 18	2325EST 2000EST			0	0		Flash Flood	
Scott County									
Countywide	17 18 Wides	2335EST 2000EST pread_flooding	occurred ac	cross most of	0 extreme So	0 outhwest	Virginia Rainfall	Flash Flood totals between five and	eight inches were
		ed in 36 hours.					•		engine menes were
VAZ001>002-005>006- 008	Lee -	Wise - Scott	- Russell -	Washingto	n				
	17 18	2330EST 2000EST	_		0	0	1M	Flood	
	flash f calcula	flooding, mudsl	ides, and fle a million do	ooding on sev	veral major	rivers inc	luding the Clinch a	n reported in 24 hours. T nd Powell Rivers. Dama pm EST on the 18th), w	ige estimates were
VIRGINIA, North									
VAZ021	High) 09 10	land 2100EST 1000EST			0	0		Strong Wind	
	A stro	ong cold front w		-				y northwest winds of up lowned branches and win	

		Time Local/	Path Length	Path Width	Numb Pers		Estimat Damaş			March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	
VIRGINIA, North VAZ021-025>031- 036>042-050>057	Gree	ne - Madison	- Rappah	annock - I	Fauquier -		0		ren - Clarke - Nelso peper - Prince Wil	
	Arlin 21 22	gton - Staffor 1700EST 0400EST	d - Spotsy	lvania - Ki	ng George 0	0			Strong Wind	
	gusted throug A tota near S (Fairfa (Rappa	as high as 55 th 4 AM on the 1 of 24,000 custo terling (Loudou ax County), 46 1	MPH. The 22nd. Minor omers were v n County), 5 MPH in Mar	highest wind structural da without powe 52 MPH at R nassas and L	ds occurred hamage was re er for several deagan Washi orton (Fairfa	between eported in hours ac ington N x County	6 PM and 11 n isolated loca cross Northern fational Airpo y), 45 MPH a	l PM on ations, in Virginia rt, 49 Ml t Dulles	ont ushered in strong n the 21st, but gusty co addition to downed tre Measured wind gust PH at Winchester, 47 M International Airport a et (Shenandoah County	onditions continued ees and power lines s included 55 MPF MPH in Centreville nd Massie's Corne
VIRGINIA, Northy										
VAZ003	Dicke 17 18	enson 2300EST 0800EST			0	0	250K		Flood	
	late or portion Tramm	n Sunday the 17 n of the county	th and into in less than nes. The co	the early monoperative observation of the early monoperative observati	orning hours An automat	of Mono ed rain	day the 18th. gauge near H	Rains o erald me	butheast Kentucky, and f 2.5 to 3.5 inches fel asured 3.1 inches, wh r rains, on the 16th in	l over the southern ile one gauge nea
	evacua mobile severa	ations were alor e home in Nora l washed out dra	g Route 83 received wat in pipes, esp	near Clincho ter damage. pecially along	 Some bas Two privat Route 637. 	ement fl e bridge	looding occur	red. The	evacuated as a precau e county emergency di in the county. State hi	rector reported on
				ency, followe	ed by a state	of emerg	ency by Gove	ernor Wa	rner. A few shelters w	ere open. On Apri
		•	ncluded Dic	•	•	-	•••		rner. A few shelters w The declaration had a	
VIRGINIA, Southw	countio v <u>est</u>	President Bush i es for individual	ncluded Dic	•	•	-	•••			
<u>VIRGINIA, Southw</u> VAZ015>016	countio v <u>est</u>	resident Bush i	ncluded Dic	•	•	-	•••			
	countie z <u>est</u> Gray 10	President Bush i es for individual son - Carroll 0715EST	ncluded Dicl assistance.	kenson Cour	nty into FEM	IA disast	ter declaration		The declaration had a	
	countie z <u>est</u> Gray 10	President Bush i es for individual son - Carroll 0715EST 1500EST	ncluded Dicl assistance.	kenson Cour	nty into FEM	IA disast	ter declaration		The declaration had a	
VAZ015>016 Smyth County Countywide	countie z <u>est</u> Gray 10	President Bush i es for individual son - Carroll 0715EST 1500EST	ncluded Dicl assistance.	kenson Cour	nty into FEM	IA disast	ter declaration		The declaration had a	
VAZ015>016 Smyth County Countywide Wythe County	countie Test Gray 10 High v 18	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0	(A disast 0 d Carroll 0	0 counties. 100K		The declaration had a High Wind Flash Flood	
VAZ015>016 Smyth County Countywide	countie vest Gray 10 High v	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST 0030EST	ncluded Dicl assistance.	kenson Cour	nty into FEM 0 s Grayson and	IA disast 0 d Carroll	0 counties.		The declaration had a High Wind	* *
VAZ015>016 Smyth County Countywide Wythe County	countie Test Gray 10 High v 18	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0	(A disast 0 d Carroll 0	0 counties. 100K		The declaration had a High Wind Flash Flood	
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide	countie Test Gray 10 High v 18	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST 0030EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0	(A disast 0 d Carroll 0	0 counties. 100K		The declaration had a High Wind Flash Flood	
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide Smyth County	countie Gray 10 High v 18 18 18	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST 0030EST 0800EST 0145EST 0830EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0 0	(A disast 0 d Carroll 0 0 0	0 counties. 100K 50K		The declaration had a High Wind Flash Flood Flash Flood Flash Flood	total of 8 Virginia
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide Smyth County Countywide	countie Gray 10 High v 18 18	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST 0030EST 0800EST 0145EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0 0	(A disast 0 d Carroll 0 0	0 counties. 100K 50K		The declaration had a High Wind Flash Flood Flash Flood	total of 8 Virginia
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide Smyth County Countywide Wythe County	countie Gray: 10 High v 18 18 18 18 18	President Bush i es for individual 0715EST 1500EST vinds during the 0015EST 0600EST 0830EST 0830EST 0600EST 1600EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0 0 0 0	IA disast 0 d Carroll 0 0 0 0	0 counties. 100K 50K		The declaration had a High Wind Flash Flood Flash Flood Flash Flood Urban/Sml Stream	total of 8 Virginia
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide Smyth County Countywide	countie Gray 10 High v 18 18 18	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST 0030EST 0145EST 0830EST 0600EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0 0	(A disast 0 d Carroll 0 0 0	0 counties. 100K 50K		The declaration had a High Wind Flash Flood Flash Flood Flash Flood	total of 8 Virgini. Fld
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide Smyth County Countywide Wythe County	countie Gray: 10 High v 18 18 18 18 18	President Bush i es for individual 0715EST 1500EST winds during the 0015EST 0600EST 0145EST 0830EST 0600EST 1600EST 0800EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0 0 0 0	IA disast 0 d Carroll 0 0 0 0	0 counties. 100K 50K		The declaration had a High Wind Flash Flood Flash Flood Flash Flood Urban/Sml Stream	total of 8 Virgini. Fld
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide Smyth County Countywide Wythe County Countywide Tazewell County Countywide	countie Gray: 10 High v 18 18 18 18 18	President Bush i es for individual 0715EST 1500EST winds during the 0015EST 0600EST 0145EST 0830EST 0600EST 1600EST 0800EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0 0 0 0	IA disast 0 d Carroll 0 0 0 0	0 counties. 100K 50K		The declaration had a High Wind Flash Flood Flash Flood Flash Flood Urban/Sml Stream	total of 8 Virgini. Fld Fld
VAZ015>016 Smyth County Countywide Wythe County Countywide Tazewell County Countywide Smyth County Countywide Wythe County Countywide Tazewell County	countie rest Gray 10 High v 18 18 18 18 18 18 18 18 18	President Bush i es for individual son - Carroll 0715EST 1500EST winds during the 0015EST 0600EST 0800EST 0600EST 1600EST 1600EST 1600EST 0830EST	ncluded Dicl assistance.	kenson Cour	0 s Grayson and 0 0 0 0	IA disast 0 d Carroll 0 0 0 0 0	0 counties. 100K 50K		The declaration had a High Wind Flash Flood Flash Flood Flash Flood Urban/Sml Stream Urban/Sml Stream	total of 8 Virginia Fld Fld Fld

In Tazewell County numerous roads were flooded and washed out, 42 homes suffered major damage with 50 people evacuated.

Storm Data and Unusual Weather Phenomena Time Path Path Number of Estimated March 2002 Local/ Length Width Persons Damage Standard Killed Location Date (Miles) (Yards) Injured Property Crops Character of Storm VIRGINIA, Southwest Several cars were washed away. During the early morning, flood waters leveled off and slowly began receding in the afternoon. In Smyth County, numerous roads were flooded and washed out, 50 people were evacuated from their residences, and there was minor damage to several residences and vehicles. During the early morning, flood waters leveled off and slowly began receding during the afternoon. In Wythe County many roads were flooded and were washed out with damage to several vehicles. During the early morning, flood waters leveled off and slowly began receding during the afternoon. Heavy rains also caused minor flooding of Peak Creek in Pulaski. WASHINGTON, Northeast WAZ032>033-036 Lower Garfield & Asotin - Washington Palouse - Spokane Area 0000PST **Heavy Snow** 06 0 0 07 0400PST A late-season arctic cold front moved southward out of Canada and into eastern Washington from late on the afternoon of the 5th through the 6th. Moist air overran the dome of cold air and brought heavy snow. Even the bottom of the Lewiston-Clarkston valley received 1 to 2 inches of snow. Snowfall totals with this storm include: Oakesdale...8.3", Pomeroy...5", Rosalia...5", Saint John...4", and Spokane International...3.6". **WAZ035 Upper Columbia Basin** 2200PST **Heavy Snow** 07 0 08 0500PST A narrow band of convectively-induced snow near the center of an upper level low pressure system brought heavy snow to a small area near Ritzville. The town of Ritzville picked up 6 inches of snow in this event. **WAZ042 East Slopes Northern Cascades** 2200PST 0 0 Heavy Snow 10 1800PST 11 Moist jet stream winds from the west-southwest were directly pointed into the Cascade mountains for most of the day on March 11, bringing heavy snow to the mountains and the upper reaches of the major valleys. Snowfall totals include: Stevens Pass...25", Holden Village...24", Lake Wenatchee...19.5", and Mazama...14". **WAZ042 East Slopes Northern Cascades** 0700PST 0 0 High Wind (G85) M 11 1500PST Jet stream winds located directly over the Northwest brought high winds to the ridge tops east of the crest of the northern Washington Cascades. The avalanche sensor atop Mission Ridge (elevation 6740 feet) measured sustained winds in excess of 50 mph for 8 hours. The peak wind gust of 98 mph was measured at 200 PM. Valley locations did not experience high winds on this day. Whitman County 1200PST 0 **Urban/Sml Stream Fld 5 NE Oakesdale** 11 1200PST 12 The combination of rain and melting snow pushed some small streams out of their banks in the Palouse region. WA Highway 27 had to be closed for about 24 hours between Tekoa and Oakesdale as high waters from Pine Creek overflowed the road. This same general area in the northern Palouse received 7 or more inches of snow less than a week earlier (see Heavy Snow entries). Northeast Mountains - Okanogan Highlands - Okanogan Valley WAZ037>038-043 1800PST **Heavy Snow** 15 0600PST 17 A warm front moving into an unstable air mass brought heavy snow to part of far northern Washington. Snowfall totals include: 49 Degrees North Ski Area...34", Moses Mountain SNOTEL...15", Bunchgrass Meadows SNOTEL...12", Republic...7", 15 W Okanogan...7", 2 S Mallott...6", 11 E Tonasket...5.5", Colville...5", 18 NE Wauconda...4", 1 E Barstow...4", Chief Joseph Dam...3.8", and Tonasket...3.5". **WAZ033** Washington Palouse 17 0300PST A 0 **Heavy Snow** 0900PS1 A narrow band of heavy snow set up over the northern Washington Palouse as cold arctic air moved in from the north and interacted with moisture spreading up from the south. 9.5 inches of snow fell at Oakesdale. **WAZ042 East Slopes Northern Cascades** 0200PST High Wind (G92) M 19 0 20 0200PST The same jet stream winds that brought exceptionally heavy snow to the Cascades also brought high winds to the ridge tops east of

S	tori	m Data	a and	Unus	sual W	Veat	her Phe	nomena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Perse Killed		Estimated Damage Property Crop	s Character of Storm	March 200
			(inites)	(1003)	Trineu	injured	riopenty crop	5 Character of Storin	
WASHINGTON, Nort	the cre winds	est of the north	50 mph for c	over 24 hours	s. The peak		1	dge (elevation 6740 feet) s measured at 700 PM o	
WAZ036>037-042	19 20 A stro	0600PST 1800PST ong moisture-la	aden jet strea	m from the	0 west-northwe	0 st in cor		Heavy Snow olar air mass arriving fr eavy snowfall in the imm	
	resulte hours. heavy mornin heavy Pass Stehel Moun	ed when a static Far northern snow pounder ng of the 20th snow past the 36", Holden V cin15", Blew tain5", Spoka	onary band of and southerr d the passes due to the a e crest and i 7illage24", yett Pass14' ane Internation	f heavy snow a parts of Spo for two strain valanche thra 49 Degrees ", Mount Spo nal Airport	developed ov okane County ght days, close eat. The wesser reaches of North Ski Ar okane Ski A: 4.5", Bounda	ver centra received sing Stev tt-northw the majurea22", rea12", rry Dam	al Spokane County d one inch or less of ens Pass to traffic est trajectory of th or valleys. Snow Harts Pass SNOT Mission Ridge S	and remained in the same of snow. In the Cascades from the afternoon of the e jet stream was also con fall totals with this storm 'EL22'', Lake Wenatche ki Area11+'', NWS Sp 2'', and Northport3''. T	place for nearly 12 s, this exceptionally ne 19th through the nducive for pushing n include: Steven ee18", Plain16" waa7.7", Bodia
WAZ042	26 27	Slopes North 2000PST 0100PST eam winds over			0 cold front ac	0 ross the (5K	High Wind (G79) e evening of March 26, b	
	The a time p	valanche senso period, and the	r atop Missio peak gust w	on Ridge (ele as 91 mph.	evation 6740 The strong w	feet) mea	asured sustained w ed into some valle	inds in excess of 50 mph y locations with some po lity customers starting at	through this entire ower lines in Brisky
WASHINGTON, Nort	thwest	<u>t</u>							
WAZ002>008- 010>011-016	Vicin							lls - Northwest Interi sap Peninsula - Sout	
	07 08	2000PST 0400PST			0	0		Heavy Snow	
	Snow "thund severa	showers fell o lersnow" fell o	ver interstate of I-90 and	405, causing I-5 were also	many people	to abanc	lon their vehicles, t	closing some highways. he ensuing traffic jam clo s of snow fell, while othe	sed the highway fo
Grays Harbor County									
Ocean Shrs	12 25 foo	1000PST 2000PST	d with high t	idas causa mi	0 por coastal fl	0 ooding n	ear the north jetty o	Storm Surge	
WAZ001>005-009-013- 017>018	San J Admi	Iuan - West iralty Inlet A	ern Whatco Area - East	om - North ern Strait	ern Casade	e Footh	ills - Central Ca	-	
	Slope 19 20	es Central Ca 1100PST 1100PST	ascades An	d Passes	0	0		Heavy Snow	
	inches of sno	of snow cause w fell in 24 ho	ed the airport ours closing b	to close and a oth Stevens a	forced wester and Snoqualm	n univers nie passes	sity to cancel classe	and airports. In the Belli es. In and near the mount as parts of other highwa	ains up to 30 inches
		ral Casade F 1900PST	`oothills - V	Vestern Str	ait Of Juan 0	De Fue 0	ca - North Coast	t High Wind (G50)	М
WAZ004-014>015	20 21 Strong	0700PST easterly wind	gusting to 58	mph was rec	orded in Nor	th Bend	Clallam Bay and T	attoosh Island	
	21 Strong	g easterly wind	gusting to 58	mph was rec	corded in Nort	th Bend,	Clallam Bay and T	attoosh Island.	
WAZ004-014>015 <u>WASHINGTON, Sout</u> WAZ025	21 Strong t <u>heast</u>	g easterly wind		•	corded in Nort	th Bend, b	Clallam Bay and T	attoosh Island. Heavy Snow	

	Stori	n Data	a and	Unus	ual W	eat	her Phe	nomena
		Time Local/	Path Length	Path Width	Number Person		Estimated Damage	March 200
Location	Date	Standard	(Miles)	(Yards)		njured	Property Crops	S Character of Storm
WASHINGTON, S	outheast							
WAZ025		Slopes South	ern Casca	des				
	18 Two n	1815PST nen caught in a	valanche 10 i	miles west of	0 Easton in Lost	0 Lake ai	ea of Kittitas Coun	Avalanche tv.
WASHINGTON, S								
WAZ019-021>022	West 07	Slopes South 0100PST	iern Casca	ides And Pa	asses - South 0	Coast 0	- Lower Colum	bia Heavy Snow
					-		ow. Along the Coas rted at Stevenson.	st 6 inches fell in South Bend and 2 inches a
WAZ023-039	West	Columbia R	iver Gorge	e - Vancouv	er Area			
	15 17	0300PST 1200PST	8		0	0		Heavy Snow
	Snow	blanketed Sout		0	inches at Stev r, and 1 inch at			gston Mountain, 3 inches at Brush Prairie,
WEST VIRGINIA,	East							
WVZ048>052-054>0	055 Gran		Hampshir	e - Morgan				
	09 10	2100EST 1300EST			0	0	20K	Strong Wind
	tower Count buildir at leas	in Keyser record y community of ng which was re t two homes, a	rded a wind g of Ridgeley, eplaced durin pool, and a	gust of 69 MI the high wir ng the summe car before co	PH at 10:30 PM ad caused mod r of 2001 was p ming to rest or	I on the lerate spartially n Secon	9th and 62 MPH a tructural damage. ripped off around d Street. Debris al	ounty, a wind sensor on the top of a 75 foot at 4 AM on the 10th. In the northern Minera The slanted roof of a two story apartmen 12:20 PM on the 10th. Roof debris damage lso spilled onto apartment building balconie s power outages and downed trees blocking
Pendleton County	10	1000507			0	0	1077	
Northwest Portion	Rocks small	on March 10th	to spread ra ca Rocks Na	pidly. It burn tional Recrea	ned 87 acres of tion Area was s	mainly	private land before	Wild/Forest Fire h was started by human activity near Senec e being brought under control on the 15th. A tials reported \$10,000 damage to hiking trail
WVZ048>055	Gran 21 22	t - Mineral - 1700EST 0400EST	Hampshir	e - Morgan	- Berkeley - 0	Jeffer 0	rson - Pendleton	- Hardy Strong Wind
	A strongusted the 22	ng arctic cold f as high as 55	MPH. The h	ighest winds ge was report	occurred betwee ed in isolated le	een 6 P	M and 11 PM, but	s front ushered in strong northwest winds that gusty conditions continued through 4 AM or wned trees and power lines. A wind gust o
WEST VIRGINIA,	North							
Brooke County Countywide	09	1845EST 1900EST			0	0	10K	Thunderstorm Wind
Hancock County								
Countywide	09	1845EST 1900EST			0	0	10K	Thunderstorm Wind
Marshall County								
Countywide	09	1845EST 1900EST			0	0	100K	Thunderstorm Wind
	Thund	erstorm winds	blew the roo	fs from two N	Ioundsville bus	sinesses		
Ohio County Countywide	09	1845EST 1900EST			0	0	10K	Thunderstorm Wind

Path Path Length Width	Pers	er of	Estimated Damage	March 200
(Miles) (Yards)	Killed	Injured	Property Crops	Character of Storm
Ohio - Marshall - V	Wetzel - Ma	rion - N	Monongalia - Prest	on - Tucker
	0	0	90K	High Wind
	0	0	10K	Thunderstorm Wind
	0	0	10K	Thunderstorm Wind
	0	0	10K	Thunderstorm Wind
	0	0	10K	Thunderstorm Wind
	<u>^</u>	0	1077	
	0	0	10K	Thunderstorm Wind
ff into Quebec and the				ly morning hours of the 10th. At that time
	0	0	5K	Flood
the Parsons area over area also experienced			oducing minor floodin	g on SR 219, just south of Parsons. A fev
	0	0	10K	Flood
esburg crested at 6 PM	at 19.0 feet	(flood sta	age 16.0 feet).	
	0	0	5K	Flood
d creeks overflowed th 50 inches across the Rivers, along with so	Monongahela	River b	asin in northern West	t Virginia produced minor flooding on the
	0	0		Winter Storm
		v across	Preston and Tucker C	ounties. The highest snowfall totals were
	0	0	5K	Flood
1	ridges above 2500 fe	ridges above 2500 feet. 0 of rain over relatively saturated gro	ridges above 2500 feet. 0 0 of rain over relatively saturated ground proc	ridges above 2500 feet.

WEST VIRGINIA, Southeast

NONE REPORTED.

Storm Data and Unusual Weather Phenomena

		Time Local/	Path Length	Path Width	Numb Perso		Estimated Damage		March 2002			
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crop	os Character of Storm				
WEST VIRGINIA, V	West											
WVZ005>006		ne - Cabell										
	01 31	0000EST 2300EST			0	0		Monthly Precipita	tion			
	31 Total		itation was 7	to 9 inches	across Cabell	and nor	thern Wayne Cour	ties. The 8.88 inches at t	the Tri State Airpor			
			ch on record	. The comm	unity of Wayr	e had 8.	.27 inches for the r	nonth. Normal March pre	ecipitation is 3.5 to 4			
	inches											
WVZ035>037-046	Ralei 02	igh - Fayette - 0700EST	- Nicholas	- Pocahont	as 0	0		Snow				
		1200EST										
								ast into the lower Ohio Va	•			
WVZ005>011- 013>017-019>020- 026>028-030>032-	Ritch		lge - Boon				•	- Putnam - Kanawha ylor - Fayette - Nich				
036>040	Upsn	ur - Darbour										
	09	1720EST 1955EST			0	0	75K	High Wind (G61)	М			
	A stro		pidly transve	ersed West Vi	irginia during	this Satu	urday evening. Wi	nd gusts of 45 to 70 mph	were associated with			
	measu	A strong cold front rapidly transversed West Virginia during this Saturday evening. Wind gusts of 45 to 70 mph were associated wi a narrow band of showers. Wood County Airport measured a gust to 70 mph at 1812E. The Tri State Airport near Huntington measured a 62 mph gust at 1730E. The Charleston National Weather Service office measured a gust to 51 mph at 1833E. In the wake of the front, winds remained gusty, as temperatures fell quickly from the 60s into the 40s.										
									1 37			
	and po		affected in t	he western co	ounties. Dam	-	-	ore window in Ravenswo from the Charleston vicin				
WVZ005>008- 014>018-028>029-	Wayne - Cabell - Mason - Jackson - Putnam - Kanawha - Roane - Wirt - Calhoun - Braxton - Gilmer - Upshu - Barbour											
039>040	20	0330EST			0	1	480K	Flood				
	21 0100EST A band of heavy rain, about 30 miles wide, stretched from the Huntington vicinity on northeast, toward Spencer, Burnsville, an Buckhannon. The rain fell in about a 30 hour period from the predawn hours of the 19th to after dawn on the 20th. However, th heaviest rain occurred during a 6 hour period, early on the 20th. Rain totals of 4 to 5 inches fell over the urban area around Kenov. Ceredo, and Huntington. The Huntington Tri State Airport measured 4.8 inches. The cooperative observer in the city of Huntington had 3.6 inches of rain. Further east, Pea Ridge had 2.9 inches of rain. The lock and dam along the Ohio River at Hogsett measure 3.3 inches. Southside of Mason County had 2.75 inches of rain. Spencer saw 2.6 inches of rain. Rains of 1.75 to 2.5 inches wermore common in central West Virginia.											
	Fourpole Creek flooded the Enslow Park section of Huntington. Water surrounded homes and flooded outbuildings, basements, an garages. Only a couple of homes had water in their living area.											
	In Wayne County, seven homes were flooded along Krauts Creek. A woman and her daughter were rescued from Krauts Creek when their car was swept into the creek.											
	In Roane County, homes were flooded in the Alvord and Bell section of Spencer by Spring Creek. About 25 to 30 homes has basements, garages, and outbuildings flooded. Six homes had up to 6 inches of water in their living area. One injury was reporte from Roane county, resulting in hospitalization.											
	Along the border region of Jackson, Roane, and Kanawha Counties, the Pocatalico River drainage flooded roads, surrounded homes and flowed into some basements and outbuildings. This included such small tributaries as Allen Fork, Haines Creek, and Pocatalic Creek near Sissonville. However, water levels in this vicinity, crested much lower than the floods of March, 1997 and June, 1998.											
	In Putnam County, Little Hurricane Creek flooded roads near Winfield. One van, with its occupant, got stuck in these waters. Cov Creek flooded roads, fields, and some outbuildings.											
	the Li 36 foo	ttle Kanawha R	iver crested i he Tygart V	near 27 feet a alley River sa	round 2300E	on the 2	Oth. Flood stage is	ng a few homes and busin s 23 feet. Grantsville saw cting roads not dwellings.	v a crest just over its			
	All to	tal, the West Vi	rginia Office	of Emergend	cy Services re	ported 6	dwellings with ma	jor damage and 64 homes	with minor damag			

		Time	Path	Path	Numb	er of	Estin	nated		March 2002
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso Killed	ons Injured	Dan Property	nage Crops	Character of Storm	
WEST VIRGINIA, W	est									
		•	the order of	f 10 private bi	idges were da	amaged.	No federal	recovery i	nvolvement was expect	ed.
WISCONSIN, Extrem	<u>ie Sou</u>	<u>thwest</u>								
	NONE	E REPORTED.								
WISCONSIN, Northe WIZ013-020>022-		notto Mono	minoo O	conto Do	or Morat	hon S	howono	Wood	Portago Wannag	Outogomia
030>031-035>040-045-		nette - Meno vn - Kewaune							Portage - Waupaca	a - Outaganne -
048>050	02	0200CST			0	0			Winter Storm	
	03 A stro	0200CST	evetem inte	neified as it n	roved from T	avac acr	oss lower l	Michigan (o Ontario. Snowfall to	tale wara mostly ir
									ind gusts with the stori	
	-	-				•		•	The strong gusts comb totals included 13.0 included	
	Sister						-		(Winnebago co.) and 1	
WIZ005-010>012-		- Oneida - F	orest - Flo	rence - Lind	oln - Lang	lade				
018>019					0				M7:	
	07 08	2200CST 0600CST			0	0			Winter Storm	
WIZ013-020>021- 030>031-035>036	Mari	nette - Meno	minee - Oo	conto - Mar	athon - Sha	wano -	Wood - I	Portage		
0502051-0552050	07	2200CST			0	0			Ice Storm	
	08 Warm	0600CST and moist air t	hat moved ir	nto Wisconsin	ahead of a lo	w pressu	ire system o	over the ce	ntral plains spread snov	v over north central
	Wisco Winch	onsin and freezing tester, 9.3 inchester	ng rain over es 4 miles s	central and n southwest of I	ortheast Wisc Presque Isle a	consin. S and 9.0 in	Snowfall to nches at Pr	tals were h esque Isle.	ighest in Vilas county The freezing rain cau e (Marinette co.).	with 10.4 inches a
WIZ005-010>013- 018>019-021	Vilas	- Oneida - F	orest - Flo	rence - Mai	rinette - Lir	coln - I	Langlade	- Oconto		
016>019-021	08	1800CST			0	0			Winter Storm	
	09 Warm	0600CST air ahead of a	strong low	pressure syste	m that move	d into W	isconsin du	uring the n	ight brought freezing ra	ain to north central
		onsin. This resu o fall and as ma	-					-	to rain overnight. The	icing caused power
WIZ005-010>013-			-		-				ninee - Oconto - Do	or - Marathon -
018>022-030>031- 035>040-045-048>050		vano - Wood itowoc	- Portage -	· Waupaca ·	- Outagami	e - Bro	wn - Kew	aunee - V	Waushara - Winneb	ago - Calumet -
0352040-045-0462030	09	1400CST			0	0			Strong Wind	
WIZ038	10 Outa	0200CST gamie								
	09	1600CST			0	0			High Wind (G54)	М
	comm		fternoon and	d evening of			1 0	1	re system. Wind gusts 10th. The winds dow	1
	gusts	to 60 mph. Of	her strong g	gusts included	54 mph at	Green Ba	ay (Brown	co.), 53 m	co.). Appleton (Outag pph at Marshfield (Woo 0 mph at Stevens Point	od co.), 51 mph at
WIZ005-010>012	Vilas 14	- Oneida - F 1600CST	orest - Flo	rence	0	0			Winter Storm	
	northe	•	The highes	t snowfall tot	als included 1	5.1 inch	es at Minco	• •	snow and some mixed da co.), 10.2 inches at	

Storm Data and Unusual Weather Phenomena

		Time Local/	Path Length	Path Width	Numb Pers		Estimated Damage		March 2002
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
VISCONSIN, Northy	vest								
WIZ001	Doug	glas							
	07	1500CST			0	0		Heavy Snow	
WIZ002>004-009	08 Dove	0900CST	d Tuon T	mino					
W1Z002>004-009	- Баун 08	ield - Ashlan 2100CST	u - 11011 - P	rice	0	0		Winter Storm	
	09	1600CST			v	v		White Storm	
	morni		rain changed					nulations of 1/8" to 1/2" of nes. The Bayfield area had 9	
WIZ004	Iron								
	20	0700CST			0	0		Heavy Snow	
	21	0200CST							
	Lake e	effect snow droj	pped 6 inche	s of snow at C	Jurney and 8	inches at	Hurley.		
VISCONSIN, Southe	ast								
WIZ046>047-051>052 056>060-062>072	Iowa 02	- Dane - Jeff 0000CST 2200CST	erson - Wa	aukesha - N	Ailwaukee - 0	Lafayo 0	ette - Green - Roc	 a - Dodge - Washington k - Walworth - Racine Heavy Snow Wisconsin. Most of the inc 	- Kenosha
		. CO.) to Port V	vasnington (Ozaukee Co.	1 in general	SUITACE	winne initially were	• OUT OF THE NORTHEAST AT 10	
	tempe and W Lafaye to 1/2 were of were of	eratures were ge Valworth in betw ette during the 2 mile. Numero delayed or canc quoted as saying	nerally in the ween the sno 2nd half of the ous indoor an celled. Based g "People are	e 20s, but rea w waves. Ne he heavy snow nd outdoor ac d on newspap e running into	asional gusts dings briefly ear-blizzard co w event due to ctivities across per accounts, p poles, curbs	to 30 to rose to t onditions o the win s south-o at least , and eac	35 mph) during the l he lower 30s over th were noted west of ds and falling snow, central and southeast 300 to 400 vehicle a	last half of this heavy snow e counties of Milwaukee, R Madison in the counties of with visibilities occasionall were cancelled, and many iccidents occurred. Towing dozen people needed hospit	v event. Surfac acine, Kenosha Sauk, Iowa, an y reduced to 1/ airplane flight s service owner
	tempe and W Lafaye to 1/2 were of were of to inju Specif 2nd (a Fond of (Dane Palmy Snowo from of skies a	valuers were ge Valworth in betw ette during the 2 prime. Numero delayed or cance quoted as saying rries sustained i fically, Milwaul a new daily reco du Lac (Fond di prime Co.) = 9.5 inch yra (Jefferson C drifts were repo central Oklahon and light winds	nerally in the ween the sno 2nd half of the ous indoor and celled. Based g "People are n vehicle acco event Mitchell ord snowfall u Lac Co.) - tees, Argyle (1 co.), Twin La orted to be 2 na to extreme combined w	e 20s, but rea w waves. Ne he heavy snow nd outdoor ac d on newspap e running into cidents (indire Field (Milwar amount for M 10.5 inches, Lafayette Co. kkes (Kenosh to 3 feet deep e southeast W vith the fresh	usional gusts dings briefly ear-blizzard co w event due to ctivities across per accounts, p poles, curbs ctly-related to ukee Co.) me farch 2nd). E Sauk City (Sa) - 9.5 inches a Co), Westfi p, especially in /isconsin and snow cover t	to 30 to rose to t poditions to the wind s south-of at least at least at least asured 1 Clsewhere uk Co.) , Eagle (eld (Ma a expose then on to allow to	 35 mph) during the l he lower 30s over th were noted west of ds and falling snow, central and southeast 300 to 400 vehicle a h other." At least a divy snow event). 1.0 of snow for the ere e, notable amounts in 10 inches, Richfield Waukesha Co.) - 9.2 cquette Co.), Juneau d, rural areas. Synop to lower Michigan. 	last half of this heavy snow e counties of Milwaukee, R Madison in the counties of with visibilities occasionall were cancelled, and many accidents occurred. Towing	acine, Kenosha Sauk, Iowa, any y reduced to 1/ airplane flight ; service owner al treatment du falling on Marci Co.) - 11 inches ches, Sun Prairi lton (Rock Co.) (Ozaukee Co.) pressure move now event, clea outh-central and
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Scattered severe thunderstorms affected parts of Rock and Walworth counties. The fast-moving storms generated damaging winds estimated to at least 52 knots (60 mph) in eastern Rock County, resulting in toppled large trees. Large hail was noted in northern Walworth County. A lightning strike ignited a fire that severely burned a home's garage in Janesville. North of Colgate (Washington

		Time	Path Langth	Path	Numb		Estimated		March 20
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Perso Killed	ons Injured	Damage Property Crops	Character of Storm	
WISCONSIN, Southe	ast								
<u>, _o • • · (, . • (, . •)</u>		lightning strike	e caused exte	nsive damage	to appliances	s and elec	ctrical service in at le	ast 3 homes.	
WIZ051>052-065- 069>070-072	Fond	Du Lac - Sh	eboygan -	Waukesha		alworth			
	09	1000CST 2359CST			0	0	73K	High Wind	
WISCONSIN, Southw	city of the cit knock were : Taych (Keno Fond c and sc (gener of hig range surrou lost el southe centra	⁵ Janesville (Ro y of Delevan, ed bricks from 56 knots (64 r eedah. Other sha Co.), 48 k du Lac (Fond c butheast Wisco ally from the v her-momentum during the afte nding the name lectrical power eastern Kansas l pressure of 98	ck Co.) a por the powerful a church bel nph) three n notable peak nots (55 mph lu Lac Co.), nsin experie vest) tended a air down to sed counties in due to topp and deepene 8 millibars (werful gust to winds pushe l tower, causi niles south of gusts were: - and 46 knots need peak gu to occur with the surface w of the 9th n this high wi bled power li d to 992 milli 29.18 inches).	ppled a restau d a tree onto ng police to o f the city of 49 knots (56 neva (Walwo (53 mph) at t sts in the 35 some of the n vas taking pla There were sa nd event. Al nes. Synopt ibars (29.29 i . High winds	rant sign power p close off Waukesl mph) at rth Co.), he Brodf to 45 ki more inte ce in/nea cattered 1 together, ically, a nches), a were obs	onto power lines, re- ole and nearby garag the local area. Meas na (Waukesha Co.), the Sheboygan Airp 47 knots (54 mph) at nead Airport (Green of not range (40 to 52 nse scattered snow s r the snow showers. reports of some trees about 2500 custome low pressure over of nd then tracked to L served over northern	ported toppled trees and sulting in a loss of electri- ge. In the city of Kenos- sured peak wind gusts fr and 50 knots (58 mp oort (Sheboygan Co.) and t a location 2 miles south Co.). Most other location mph). Interestingly, th howers, indicating that a Temperatures were in t is pushed over from sever rs in south-central and se eastern Colorado on Mi- ake Superior by mid-day Iowa and much of Minn	ricity for 1 hour. sha, the high win om trained spott h) in the Town d Kenosha Airp hwest of the city pas in south-cent ie peak wind gu atmospheric mix the 25 to 30 deg eral of the count outheast Wiscon arch 8th moved y on the 9th witt
WIZ034-041>044- 053>055-061	Jacks	son - La Cro	sse - Monro	oe - Juneau	- Adams -	Vernon	- Crawford - Ric	hland - Grant	
	01 02	1500CST 1600CST			0	0		Winter Storm	
	A win					outhwest	and central Wiscon	sin. Strong north wind	s of 15 to 25 m
WIZ017	Taylo 08	or 2000CST 2345CST			0	0		Winter Storm	
	Freezi condit	ng rain produc	ed a 1/2 to 3/	4 of an inch t	hick glaze of	ice on ro	oads and sidewalks.	This caused hazardous d	lriving and walk
WISCONSIN, West					_			~ .	
WIZ014>016-023>028	Polk 08	1800CST	usk - St. C	roix - Pierc	e - Dunn - I 0	Pepin - 0	Chippewa - Eau (Claire Winter Storm	
	midnig	ght, and then m	loved into W	est Central W	isconsin by the	he late m	orning hours on the	n, tracked northeast acro 9th. Freezing rain fell in uarters of an inch of ice	a band from So
WIZ014>016-023>028	Polk 14 15	- Barron - R 0800CST 0400CST	usk - St. C	roix - Pierc	e - Dunn - I 0	Pepin - 0	Chippewa - Eau (Claire Winter Storm	
	northe Heavy	astern Kansas snow fell act	by noon, and coss a wide	then proceed swath of We	led to the Mil st Central W	waukee, isconsin.	Wisconsin area by the Some snowfall rep	y morning hours on The he early morning hours oorts of note include: L with 8.0 inches; Hudson	on Friday the 13 uck - 16.0 incl
		Voct							
WYOMING, Central WYZ004		Foothills 2000MST			0	0		Heavy Snow	

Location Longing Longing Longing Dumage Dumage Uniformation Due Within Protons Paperty Copy Character of Storm WY2015-028 Natronar-East Johnson 0 0 Heavy Snow 1 dioMNT 0 0 Heavy Snow 1 distomation 0 0 Heavy Snow 14 fisSOMST 0 0 Heavy Snow 13 inches of new snow in Bing Horn Mountains Heavy Snow Hill Heavy Snow 14 16 StooNT 0<			Time	Path	Path	Number	of	Estimated		March 200	
WZ2015-028 Natrona - East Johnson I Suboxist i 0 Icervy Snow 13 0 2000NST 0 Icervy Snow A strong cold front moved quickly south through the astern plains of Wyoming. Upslope flow behind the front was responsible f to 12 inches of snow/fall in Buffulo and Casper. Snow/fall of one foot or more was reported on Casper Mountain south of the cit Casper. WY2012 I and eF roothills 0 Heavy Snow 14 1200NST 0 Heavy Snow WY2016, Extreme Southwest NONE REPORTED. Heavy Snow Heavy Snow WY2098 Northeast Bighorn Mountains 0 Heavy Snow Heavy Snow 13 15 inches of new snow in Story 16 inches of new snow in Story Heavy Snow Heavy Snow 14 15 inches of new snow in Story 0 Heavy Snow Heavy Snow 14 15 inches of new snow in Story 0 Heavy Snow Heavy Snow 14 15 inches of new snow in Story 0 0 Heavy Snow 14 15 inches of new snow in Story Heavy Snow Heavy Snow Heavy Snow 15 inches of new snow in Story Heavy Snow Heavy Snow Heavy Snow Heavy Snow <th>Location</th> <th>Date</th> <th></th> <th>-</th> <th></th> <th></th> <th></th> <th>0</th> <th>Character of Storm</th> <th>March 200</th>	Location	Date		-				0	Character of Storm	March 200	
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		20	1400MST						ingn 11 mu (300)		
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	Stor	m Data	a and	Unus	ual W	eat	ther Pl	nen	omena	
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Perse Killed		Estimate Damage Property		Character of Storm	January 200
			<u>Adc</u>	litions	<u>/Corre</u>	ectio	<u>ons</u>			
<u>KENTUCKY, Nort</u> Robertson County	<u>hern</u>									
Countywide	24	0340EST 0410EST			0	0			Flash Flood	
		0		ral main road	s throughout	the cou	nty. Creeks we	ere risin	g quickly, and local lay	w enforcement ha
Owen County										
Monterey	24	0528EST 0610EST			0	0			Flash Flood	
	Seve	ral roads were f	looded with s	wift moving	water in and	around t	town.			
Lewis County				C						
4 NW Vanceburg	24	0600EST 0715EST			0	0			Flash Flood	
	Quic	ks Run Road wa	as closed by l	nigh water.						
Mason County										
Countywide	24	0615EST 0730EST			0	0			Flash Flood	
	Sever	ral roads were c	losed due to	high water ac	ross the cour	nty. The	re was also a m	nudslide	near Minerva.	
<u>OHIO, Southwest</u> Brown County										
2 E Ripley	24	0600EST 0655EST			0	0			Flash Flood	
	Num	erous roads wer	e closed acro	oss the county	due to high	water. I	Eagle Creek we	ent out c	of its banks in the south	east portion of th
Adams County										
Locust Grove	24	0619EST 0655EST			0	0			Flash Flood	
	State	Routes 41 and	73 were impa	assable, and R	oute 247 wa	s under	water.			
Scioto County			1	,						
Portsmouth	24	0623EST 0655EST			0	0			Flash Flood	
		ral roads were tree Road and U		o high water	across the	southern	part of the co	ounty.	Flooding occurred at	the intersection o

Reference Notes:

Fatality Location Abbreviations:

BF	Ball Field	MH	Mobile Home
BO	Boating	OT	Other
BU	Business	OU	Outside/Open Areas
CA	Camping	PH	Permanent Home
EQ	Heavy Equipment/Construction	SC	School
GF	Golfing	TE	Telephone
IW	In Water	UT	Under Tree
LS	Long Span Roof	VE	Vehicle

List of Acronyms:

WCM NWS NOAA DST LST	 Warning Coordination Meteorologist National Weather Service National Oceanic and Atmospheric Administration Daylight Savings Time Local Standard Time
LST	
LDT	- Local Daylight Time

Other Notes:

When listing wind speed values under "Character of Storm", ex. High Wind (G81), the "G" indicates a "Gust" which is a peak 5-second averaged wind speed in Knots (kts). 1 kt. = 1.152 mph.

When listing hail size under "Character of Storm", ex. Hail (2.25), the hail size is given in inches and hundredths of inches.

When listing property and crop damage, the figures indicated are the best guess made by the NWS from the available sources of information at the time of the printing.

The Saffir-Simpson Scale

Category One Hurricane:

Winds 74-95 mph (64-82 kt or 119-153 kph). Storm surge generally 4-5 ft above normal. No real damage to building structures. Damage primarily to unanchored mobile homes, shrubbery, and trees. Some damage to poorly constructed signs. Also, some coastal road flooding and minor pier damage.

Category Two Hurricane:

Winds 96-110 mph (83-95 kt or 154-177 kph). Storm surge generally 6-8 feet above normal. Some roofing material, door, and window damage of buildings. Considerable damage to shrubbery and trees with some trees blown down. Considerable damage to mobile homes, poorly constructed signs, and piers. Coastal and low-lying escape routes flood 2-4 hours before arrival of the hurricane center. Small craft in unprotected anchorages break moorings.

Category Three Hurricane:

Winds 111-130 mph (96-113 kt or 178-209 kph). Storm surge generally 9-12 ft above normal. Some structural damage to small residences and utility buildings with a minor amount of curtainwall failures. Damage to shrubbery and trees with foliage blown off trees and large tress blown down. Mobile homes and poorly constructed signs are destroyed. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Flooding near the coast destroys smaller structures with larger structures damaged by battering of floating debris. Terrain continuously lower than 5 ft above mean sea level may be flooded inland 8 miles (13 km) or more. Evacuation of low-lying residences with several blocks of the shoreline may be required.

Category Four Hurricane:

Winds 131-155 mph (114-135 kt or 210-249 kph). Storm surge generally 13-18 ft above normal. More extensive curtainwall failures with some complete roof structure failures on small residences. Shrubs, trees, and all signs are blown down. Complete destruction of mobile homes. Extensive damage to doors and windows. Low-lying escape routes may be cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of structures near the shore. Terrain lower than 10 ft above sea level may be flooded requiring massive evacuation of residential areas as far inland as 6 miles (10 km).

Category Five Hurricane:

Winds greater than 155 mph (135 kt or 249 kph). Storm surge generally greater than 18 ft above normal. Complete roof failure on many residences and industrial buildings. Some complete building failures with small utility buildings blown over or away. All shrubs, trees, and signs blown down. Complete destructon of mobile homes. Severe and extensive window and door damage. Low-lying escape routes are cut by rising water 3-5 hours before arrival of the hurricane center. Major damage to lower floors of all structures located less than 15 ft above sea level and within 500 yards of the shoreline. Massive evacuation of residential areas on low ground within 5-10 miles (8-16 km) of the shoreline may be required.

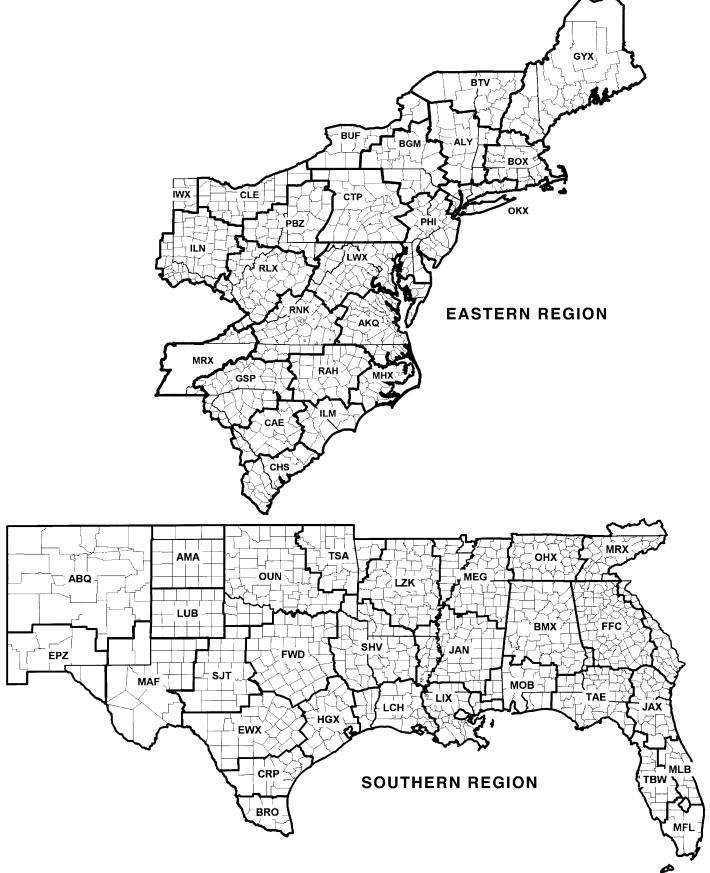
The Fujita Scale

F-Scale	Intensity	Wind Speed (mph)	Typical Damage	F2
F0	Gale Tornado	40 - 72	Some damage to chimneys; breaks branches off trees; pushes over shallow-rooted trees; damages sign boards.	
F1	Moderate	73 - 112	The lower limit is the beginning of hurricane wind speed; peels surface off roofs; mobile homes pushed off foundations or overturned; moving autos pushed off the roads; attached garages may be destroyed.	F3
F2	Significant	113 - 157	Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light object missiles generated.	Z
F3	Severe	158 - 206	Roof and some walls torn off well constructed houses; trains overturned; most trees in fores uprooted	F4
F4	Devastating	207 - 260	Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown and large missiles generated.	
F5	Incredible	261 - 318	Strong frame houses lifted off foundations and carried considerable distances to disintegrate; automobile sized missiles fly through the air in excess of 100 meters; trees debarked; steel re-inforced concrete structures badly damaged.	F5
F6	Inconceivable	319 - 379	These winds are very unlikely. The small area of damage they might produce would probably not be recognizable along with the mess produced by F4 and F5 wind that would surround the F6 winds.	

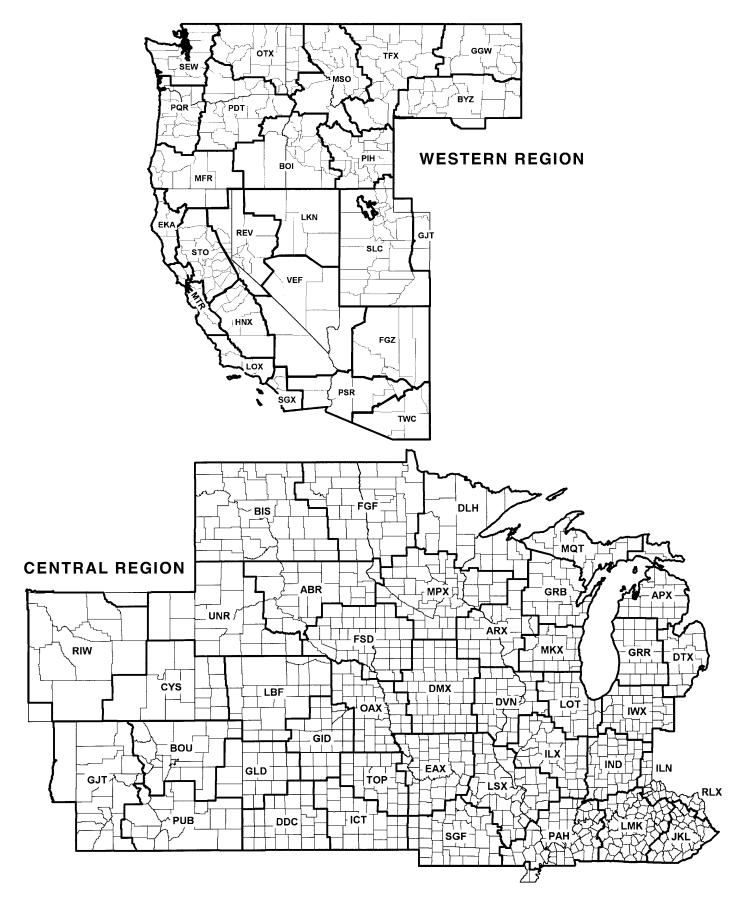


* From the Journal of Atmospheric Science, August 1981, p. 1517-1519

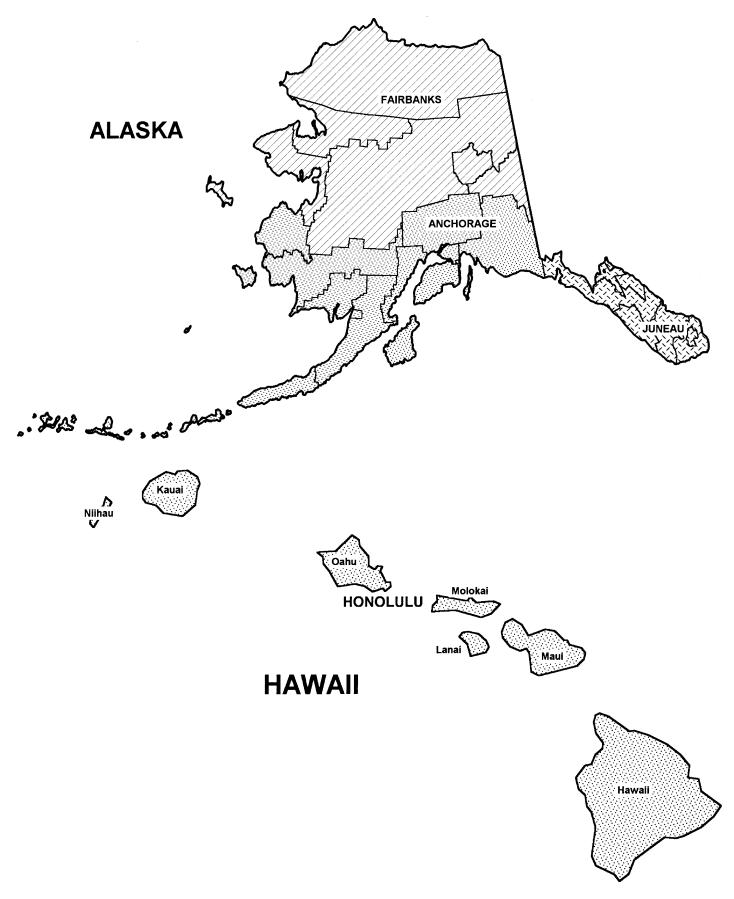
COUNTY WARNING & FORECAST AREAS - MODERNIZED NWS



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MODERNIZED COUNTY WARNING AREAS



These and other publications are available from the National Climatic Data Center

Hourly Precipitation Data

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

Climatological Data

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July though June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

Storm Data

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

Monthly Climatic Data for the World

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

Local Climatological Data

LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for severalhundred cities in the U.S. and its territories. Each monthly publication also containes the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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