U. S. DEPARTMENT OF COMMERCE FREDERICK H. MUELLER, Secretary WEATHER BUREAU

F. W. REICHELDERFER, Chief

STORM DATA

AUGUST 1959 Volume I No. 8



ASHEVILLE: 1959

į			PATH	E		OF SONS	ESTIM.		,		1	[]	РАТН	E		. OF	ESTIM. DAM	ATED† IAGE	
PLACE	DATE	TIME	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	CHARACTER OF STORM
ALABAMA Talladega County, Sycamore	6 Lig	1 P.M.	ruck t	ree with	l men	1 bens	ath it	•	Flectrical	ARKANSAS Marked Tree, Poinsett County	10								Funnel aloft
Lawrence County, Moulton	7	htmma at	mick c	august.		1	3	d one	Electrical	Pulaski and Lonoke	Funi	el cloud : ward. The	loft funn	ust to	the ot t	east ouch	of Mar the gr	ced Tr	se, moving north
Cullman County,		hundersto 3:30 PM		veral	Homes	ariu	i.i.gare	o che	person during Electrical	Counties	Pula	uski County	where	Bevers	il ho	it do	hre we	to wes	Wind tern portion of aged and many
Momile County, Theodore	12	htning st 1:30 PM			1	3			Electrical	CALIFORNIA	ples the inte	western ed	swamp ge of cally	ed at t Little over po	heir Rock rtio	moor Po	ngs. wer and Pulasi	A roo. I telej ri Cou	was demaged on hone service was tv. Some riner
Coubert County,	on nea	which chi rby were 3:00 PM	⊥d was	hangin	J C10	thes.	Thre	e chi	dren standing Electrical	Imperial Valley	1	Late afternoon and eve.					5	4	Thunderstorms
Corbert County,	Per 28	son struc	k by 1	ightnin	(whi	te si	tting 2	on bul	idozer on farm.		Thu uti	1	acco floo	apanied ded hig	by h	end	rain e farms,	md str Washe	ong wind damaged d out irrigation
Tuscumbia		htning st perty dam		buse, i	njuri	ut. cji	ild an	d cans	ang minor .	Most of State		Aftn. and eve.					4	0	Thunderstorms
Madison County, Jerf	cu	6:10 PM mel cloud uronimbus imated to	cTong	and wa	s vis	pre	for at	out 5	minutes.		dam.	dood named	14-00	-nd +	-				nd brush fires, io station off hern Mountain
Aīlaska		reloped ba					5	2	Persistent heavy rainstorm	Bastern Mojave Desert	Fla.	the Santa	Pe Gra	nd Cany	on Li	mite	and s	s; mar trande	Heavy rain comed two section d 500 motorists
į	in theaver inches from the contract inches wastern	ne general lest preci es fell ir four other es at Palm lla 38. F	area pitati the L r stat er 4SE unoff amages	from Was on was day pe ions sh to sli was mos	reportion report	thread 1 22-2! amoun oven astar	ugh Parom Pa	lmer lmer usive ging ches the the c	sed rapid runoff to Alpine. The SNW where 7.42 Rainfall reports from about 2 at Palmer and at more rugged cal mine area just	COLORADO Ridgway in Ouray Co.	the	ir truck f	rom th	e highw	o us b	l y a b	S olt of	 light	Lightning and Heavy rain hing that struck
	road to o dama vici and the	ped was wa thers badi ges were n uity of Mi approximat nighway be	shed of y dama ealize le 56 ely l, yond t	ut and ged. It to retain the wat no to to he palm	one s lsew adbecter ov 1,500 er ar	mall ere d s and er tl feet ea w	bridge ver the bridge e road wide.	destrie val e app was Tra upted	nt one mile of royed and approaches by considerable roaches. In the to 6 feet deep apportation over for about one	Durango	5 A si Ligh	12:30PM orm center	ed ove	bris a r Duran nomes de inches	O igo d magi of r	the O id co	highwa 4 neider eotric	able d	Thunderstorm amage to propert liances and 80 minutes, floo
	commi high The	iters, ind Vay damage Alaska Rai	luding s ran lroad	homest close t	eader to the ack s	s and \$150 ectio	ooo i 000 i	l chi mark. aling	stem to assist ldren. Total more than 1 mile.	CONNECTICUT Windsor Locks, Hartford County	23	2 P.M.	**100	10		radle	h v Fiel	ld str	Dust devil
	prog few	ess on Se	pt. 21 the c	al thou amages	gh ta occur	ain : red.	ervice Dama	was:	restored within a Railroad property		dev Ext Est	il and lif ensive dam	ted se age re s in e	veral f sulted xcess o	eet t to pr f 8 5	efor	being er, w	ng an	turned. I front end. her aircraft was fair.
Yuma (30-l;5 miles NE)	1	8:00 p.	20				5		Wind and rain	Tolland and New Haven Counties	27	6-7 P.M.				1	h	3	Electrical, h
Winslow	Mart:	Evening	\$50,	000 win	d dan	age;	\$10,00 4	O flo	ved toward d damage. Wind and rain		Cou amo suf	nty accomp unts repor fered some	anied ted in rippi	by one- the vi ng and	half cini beat:	to 3	/4 incl Frops, wn but	hail mostl expe	orrs, Tolland Lesser corn and pastu ted to recover its of uncropped
Paradise Valley	3	Evening \$10,000					4	ualla	Rain		soi are in	ls reporte as. Light	d. Po ning-c Man	wer fai aused f injured	ire i	occ esul ract	rred : ted in or-auto	25,000 cras	Storrs-Willimar damage to home in town of
hoenix	5 Flood and 1	4:30 p. Hing near Turnishing	Arlzon s in n	a Canal orth Ph	caus	ed at	4 out \$3	0,000	Rain damage to homes	Centrel	Sev	A.M. to early P.M. ere and wi	despre	ad ligh	1 tnin	7 dam	li nge oc	urred	Electrical, r
ellton	7	Afternoo	n				4 e and	\$5,000	Wind and rain		Bri two son the	dgeport no companion at Fairfi in fifty ho	rth to s inju eld ar mes ar	greate red by d four d build	r Han light perso ings	tfor ning ns i were	at Har njured repor	golfertford at Wested st	r was killed an while one per- stport. More uck in the grea
Cloy (5-10 miles S)	11 Heav	Early morning y rain in	the G	reene R	eserv	oir s	rea fl	5 ooded	Rain		fro dan at	Eridgeport m fire in mge, most Manchester entric stor	home a only s Bris	maximum it Strat inor da itol, Be it out a	ford ford mage rlin t Re	vidu sev Li and	eral er ghtnin Andove: WRAS	s repoi thers stril near	ted was \$3,000 nad \$100 to \$500 iss also reports Hartford, with seport recorded reet flooding looded cellars wer and telephon
ellton	doi:	8:20 a.	O dama	200			5		Tornado	DELAWARE	l.6	3 inches o wrred in a to in Manch lure were	f rain any pa ester scatte	in one rts of and Roo red in	hour city ky H	as Wa 11 s ffec	extens shouts ection ted ar	ve st and f . Po	reet flooding looded cellars wer and telephon
ima County	17	l tornado Afternoo y rains c	h				5		Rain	New Castle County, area	29 - 31				O	0	.		Thunderstorms
'ueson	cour 20	y rains c ty. Evening	Luotu i	000ور ۽ ي	1080	CAUTE.	ge wit	n±n Wi	e Rain		A se	ries of th	unders ns and	torns o	ver i	thr tnin	se∸day g caus	perio	i accompanied by siderable damage New Castle

		·	Ŧ			. OF	ESTIM			-			Į.		NO.		ESTIM		
			PATH	Ħ,	PER	SONS	DAM		CHARACTER				PATH	HT.		SONS	DAM		CHARACTER
PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
FLORIDA										IDAHO (Cont'd.) Bingham & Bonneville		T.a.k.a							
Key West Monroe County	3	6:00 P.M.	-	-	٥	٥.	-	-	Funnel cloud.	Counties	19	Late Afternoon				4	3 at Tale	na Fol	Wind Is was blown in,
Vero Beach Indian River Co.	4 Wat	9:15 A.M. erspout se		_ iles EN	o Bof	o Vero	-Beach	-	Waterspout.	•	dame	ging inter ort at 5:	rior o 30 p.m	f struc . Abou	ture 5 3:4	as wi 5 p.π	nd of 27	60 mpH	was reported at NW of Blackfoot, emolishing car
Venice Sarasota County	1	11:00 A.M.		-	0	٥,	-	-	Waterspout.	Boise & vicinity	and	injuring .	4 pers	ons.	, ,		05	С	Heavy rains.
Sarasota		erapout se		lies of	rshor O	0	_	-	Funnel cloud.	Potoe a vicinity							ĺ.		flash floods
Sarasota County	l	ud 5 miles		of Sar			not to				and	east of c	ity.	After a	lull	lin :	ainfal	Д., beg	rstorms brought untains northeast inning about 1 a.m.
Cape Canaveral Brevard County	7	Afternoon	-	-	0	1	-	-	Lightning.		a.m.	and wate	from ne are	four c	anyon east	of th	ined ju ne Veta	st out rans A	l between 4 and 5 side the city and dministration,
Deland Volumia County	12 14g	Afternoor	1	- d damag	0 se be	0 hool	4 in Pel	and.	Lightning.		acre of	ss street esidences	s and in an	lawns, area o	lood abo	ling to	asemer	ts and	bris, overflowing some main floors addition to water
Cantonment Recambia County	13	Unknown	-	-	1	0	-	-	Lightning.		mud base	left by t	me rec	ding w	gutt	ers,	ted a	huge t	endous deposit of ask of cleaning anals and storm
Naples Collier County	16	Afternoor	_	-	0	1	-	-	Lightning.		Gul	ids rushed In and Hig	out o	f Warm Valley	Sprin Gulch	ngs Ci	reek, : rewing	mud, s	es, similar flash reek, Maynard and and lerge
St. Petersburg Pinellas County	16	Afternoor	ļ	-	0	0	3	_ 	Lightning.		be gag	hich was btained f at the W	damage rom th eather	e cente Bureau	osion r of	the s	etorm a	rea, t	y 21, one stretch osurements could not the recording 7 miles southwest
Bonita Springs Lee County	20	Afternoon	ĺ	ire, de	stro; O	ned an	iall re	aiden	Lightning.		10 i	he storm inutes an	center d 0.30 , 8 or	in 15 10 mil	tered minut es no	es, l	inch etween of the	in 5 m about center	inutes, 0.24 in 4:15 and 4:25 a.m. , nearly 0.50 inch
Tampa Hillsborough Co.	20 St.z	Afternoo	1	-	0 tom	O	3 red bu	- lding	Wind. under	Southwestern Counties	20	Afternoon					04	С	Heavy rain, hail
Ocala, Marion County	23	ong winds struction Afternoon	-	-	0	0	4	-	Wind.		rain the	s, with s southwest	ome ha Fla	il, con sh floc	centr ds ou	eted it of	on an	area 3 11s we	avy thunderstorm O to 50 miles to st and north of e, flooded the
	but	ildinga wa	et of		9-		ma ged		1 business		des	ment of a	nother eral a	, with cres of	corn	ge to	major nearly	items 300 c	of equipment, hickens, covered halting traffic
Key West Monroe County	26	1:00 P.M.		-	0	0	-	-	Funnel cloud.		for	several h	ours.	Hail d	amage	to:	field (rops a	nd fruits was northwestward to
Tampa Hillsborough Co.		2:35 P.M. erspout se		Tampa B			Peter		Waterspout. pier.	ILLINOIS: See e	nd c	f table	for I	llino	is da	ata.			
ŒŒŒ										INDIANA Marion County	4	5145 A			0	0	4		Lightning
Brunswick, Glenn County	77	11:06 a.	1			•			Funnel cloud aloft.		Li, so	htning an thwestern	d resu Mario	lting f n Count	re d	iestro	oved a	barn a	nd contents in
5.34. 37.43	١.)	d by	everal	peop	le, 1	ncludi	ng two	different pilots.	Shannondale, Montgomery County	16	5:30 P	fire	dast.m.	0	0	4	O ntente	Lightning 2 miles north
Dublin, 15 miles west, Laurens County	lh Rep	2:30 p. orted by p	lot.						Furmel cloud aloft.	New Carlisle.		hannondal		dos or oy		0	0		Funnel cloud
Savennah, Chatham County	16	10:00 a.					4		Wind, electrical.	St. Joseph County	l	ipated qu	okly.						· ·
	two	sed winds side wall	that b	loo fo	ndows of co	tor	down	aigna k buil	t of Travis Field and flattened ding that was not overturned.	South Bend, St. Joseph County	17 Sig	5:10 P ted 15 mi	Les we	st sout	0 Imest	of S	0 South I	o end.	Funnel cloud
HAWAII	4-7						•6	•7	Hurricane DOT	Plymouth, Marshall County	17	7:10 P	.03	10	0	0	4	0	Tornado
	Augu Maui Oahu of 1 judg by w	st 6-7, he and Mole were rele 03 mph (me ing from e and though	ving pastively asured shappired there	revious to the slight and of we was so turing t	bly porter of over the state of	of On Kau er 12: coted cal	to the hu. I i wine mph o palms loodin nd on	sout emage is rea n a s Mos g wit Hawai	m, and 1:00 a.m. of Hawaii, Lanai, on Hawaii and hed gust speeds rictly local scale damage was caused rainfall on Kauai exceeding 9 inches		nor app of few vac eas dis	hwest sid coach but cickles ke inches se ant field	e of P unusua pt roo veral 2 mile tward t 8:20	lymouth noise from times. east to near	falli Afte of Pl Pari	iploye ing or the tymout is and	heard heard people torns thit of Bento south	sarved i. Sta le afte ido tou continu on at 7 and 1.5	stern Avenue, on funnel cloud uks of packed cases r being lifted a bhad ground in a ad above ground 155 p.m. It miles east of
· IDAHO	on t was loss Desp	he 1960 cr about 2.7 es, roofs ite local	op (ar millio ripped wave d	apping ns. Of from t	of to ther opild:	ips). demag ings,	Total chies break tions	l cane ly co aters were	with chief effects damage on Kauai sisted of tree damaged, etc. ot extreme.	IOWA North and West, Cherokee County	2 20	a. m.				ļ.	4	4	Wind, rain and hail 10ss due to
Most of State			al grai						Wind, hail, rain and lightning	Red Oak, Montgom- ery County	\$2 da in	age to i	ontg	mery	¢oun	ty F	air a	nd to	Wind re. Also, trees and lines two farms in
	McC whe whi	Rupert about a wind a le hail, v	out 3 pother s lso did wind ar	km. F struck s l some d mi rain	Lash : area (lamago causo	filood on Par e. R ed 10	hit to ther (in dar to 50	o hom reek aged % los	were blown down s north of sear Salmon River, heat near Fairfield of crops on four d fires on farms		vi 4	2:00 a.					a	3	Wind
	nea tra mil	Burley a	nd at nighway rom Ni	Almo. and over and p	Vind Vertu	dama, rned 1	ed roo	fs at orthe	Arco and blew st of town; fastest at 4:08 p.m. at	Fort Madison	8.	1:00 a. 0 inches age est dison.							Heavy rains a. \$600,000 locks of Fort

	-		Ŧ			. OF	ESTIM						£	_		. OF	ESTIM		
PLACE			OF PATH	: РАТН DS)	PER	SONS	DAM 	AGE	CHARACTER OF	PLACE			ОF РАТН :S)	F PATH DS)	PER	SONS		AGE	CHARACTER OF
, сле	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	STORM	·	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	STORM
IOWA (Cont'd.) Union, Ringgold, Clarke, Decatur & Vayne Counties		a.m.					5	6	Heavy rains	KANSAS (Cont'd.	16 2 A fix		by 11	ghtning	des	troye	3 4 2 be	rns en	Electrical contents of 3,00
	U. pr Co ed	S. High imary, s unty 32, badly d	ray Co conda 000 - maged	nmiss ry and 34,00	on co ac	esti anty res	roads of far	\$144 s. I tm 1a	000 losses to Decatur d were report-	Sedgwick County	18 a	afternoor at of win	d from	the es	st in	n con	nectio airpor	with on t	Wind a thunder storm be south side of
Port Dodge, Webster County	B1 to	holes p	a lea	l in a	fac	tory	roof	. \$3 by f	Wind ,000 damage due Lying debris,	Putler County	18 a A bar light	afternoom rn filled tning and	with	baled h	ny ai	d gr	ain ne	r Ben	Blectrical ton was struck by until early the
5E, Emmetsburg, Palo Alto County	i	lowing r 8:00 p.		o dama	ge c	onte	nts.		Funnel aloft	Sedgwick County	19 a	morning. Afternoom							Wind shattered the
Southern Jackson & northern Clinton Counties	26	12:45 p					4		Wind	Stanton County	in Vi	window g ichita. erly	Ілзвен	of abo	ut 30	parl	ed au	omebil	es near a hospite
Lamont, Buchanan County		6:45 p.					4		Wind		Small roof	orning buildin of some	gs wer build	e damag inga in	ed ar	d she	et me	al was	blown from the county.
Hinton, Plymouth County Belle Plaine,		5:00 p.			1	4	3		Windstorm Wind	Thomas County	Winds and k	mocked d	MA DO	ver lin	98 OV	or ar	EL-or	in the	Wind d limbs from trees southwest part of a damaged.
Benton County Near Donnellson, Lee County	ŀ	5:15 p.		4			4	. 3	Hail and wind	Cherokee County	24 A sua	7:20p	7 mile	s west					Blectrical burned after being
Tarsas	de	il 1" di ep. Mos % wind 8	t of	proper	end ty 1	of loss	storm due t	pile o wir	d to 3 feet d. Crop loss	Nemaha County	28 A 814	10:30p	000 ba	les of			are buz	3 ned af	Electrical ter being struck
Greeley County	Lig	night thing sta	rted a	grass Pribune	fire	burn:	ng abo	ut 80	Electrical acres of grass, 15	Mitchell County	28 m	near idnight					las of	hav 1	Electrical (3)
Marshall County	Lig	5 pm thing str on from t	nck a he nei	barn ne ghbors.	ar Ye	tervi	lle, f	ire W	Blectrical s quenched by quick		Mitch seco strik burn	ell coun nd strik e, near . came t	y and near car	all we by set in which	re bu the g	rned rass ple w	in the in a p ere we	resul meture tching	ting fire. A afire. A third the stack of bal- ver the ground in
Atchisen, Deniphan and Brewn Counties	A m	es, switch	ba, 20	tors an	å oth	er ol	ectric	alapp	Electrical and heavy rain s damaged electric liances. Many	Shawnee County	28 A ret	al direction that the sharp that the	gust	of wind	d ove	r the	east evival	side o	Wind Topeka caused lown.
Rice County	Yer	s and hel					Heav	y rain	s washed out cul-	Douglas County	29 The w	12:05 A ind and I n at sev	ain s	ruck L Laces re	awren esult	ce ju	st aft	er mid	Wind night. Power line ges over consider-
	Ste	A ATUER O	in Ge	10800,	fara A ha	buil y sta	dings ck and	and bl	nty resulted in owing in some in storage bin	Labette County	29	early morning							Electrical
Saline County	5 Seve v11	5:30 pm ral squar- age of Hee	miles	of are	a no	rth a	nd wes	t of S	Wind and hail alina, near the Soveral farm amaged crops.	Labette County	Was d	estroyed 6 am	by fir sout	e after	be1	ag st	ruck b	y ligh	tning. Blectrical fire after being
Deuglas County	Ligh Plac	ter was k	ocked	lease 4	nd w	iring	damag	occu.	Electrical (2) and near Lawrence. cred at one house from another bolt	Leavenworth County	30 A bar	1:00 am	hay.	grain (and a	achin	3 er y v a	s stru	Electrical
Prahem County	er 1	ightning. night was kil:							Electrical	Butler County	An oi light	ning. A	55.00	0 barre	ll cr	ude d	11 tar	k vas	Electrical st was struck by set afire with a or the fire starte
Kearney County	12 4 di	2 pm st devil	of con	iderah	le in	tanai	2	traved	Dust devil a farm building eling north, The	Cherokee County	A fuan	5:51 am nel cloud southess	. Was s	ighted	high	in tl	e air	over 1	Funnel cloud ier. Funnel clou
Frege County	13	5:30b-	less a	the t	Lte.		,		Severe usid and		Lightr	5:35 am ning burn 50 homes	ed out Weze W	an und ithout	er gr servi	ound ce fo	cable r 4 h	in son	Blectrical athern Salina and
Smith County	ed.	evere wind re the gra Storm mo	ndstar ved ne	nices d was t rtheast	aree:	ed.	Some	ther	the fair grounds inor damage eccurr-		Two au	This	s ran	head on nt was	in a	l heav	ry rain	storm in str	Heavy rain that obscured eets of Topeka.
Lyon County	14 14	htning das t part of 10:30p	county	٠			2		Heavy rain	1.	Hail s Blue B	iapida.	Prees l	Were at	l ippe	d of	leaves	maged . Roo	Hail crops in and around fs were damaged
Coffey County	Rea ing	vy rain th inte each 12:30m	ether	•			•		stemodiles crash-	1	janc ka	iny Windo	w ligh	ts were	brok	en.			
Butler County	bei	ara, 1,000 ag struck 10:50 pm	bales by lig	of hay	and	Some	farn	quipa	ent burned after	•									
	Pus	es to the	street around	light:	ng a	d a l	nas che	ight rred	witch were damaged										

See reference notes at end of table.

																			AUGUST 1959
			РАТН	Ŧ,		OF SONS		ATED!	611.2.2	Ö			РАТН	£	NO. PER		ESTIM DAM	ATED†	
PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PAT (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
KENTUCKY				ĺ					i i	MAINE (Cont'd.)	20			l	0	0	1	0	Electrical, rain
Western	west	ern part o	f the	state.	In	Slaug	hters,	Webst	Rain reported in the er County, ve ever seen	Old Town	Sto pri str	Afternoon on confine ncipal dam eets and c hs downed	d to O age fr ellars	and wa	area entia shout	. Ms l rai s of	my light in which road s	htnine	strikes but ed flooding of rs. Felled tree
	of r	ain were :	eport y the	heavy	n, s	oybea Num	ns, an	d tobe	e to six inches cco crops ngs were flooded	East, Sangerville	Tor sou	th of obse	rver's	statio	n, no	ving	across	It was	Tornado about a half mile ded area. n will appear in
Jefferson County	An u	11:45 PM nconfirmed bout 10 m	funn						Funnel Cloud rn Creek, which sville.	Island Falls	De c	About 8 p	issue	if war	o O	i.) 0	4		Rain
Robertson County	18 Two ligh Tree	4:00 PM brothers l tning. Ti	ousin ree o wn do	tobace	2 o we: lpin	3 re st g wit	2 ruck a 1 the	nd kill housin	Flectrical & Wind		new or cel	otal of S. ile path f record fo had section lars flood	rom Mit r New ns was ed and	Chase England hed awa many c	to I So v. A	sland merc bout tsf:	Falls dads we 10 dr: illed	re conveways	mped across a s is probably a pletely demolished lt. All streams
Madison County	28-2 Heav Rich 7.12 smal	y rain can mond a new inches fo l bridges	all all.	ime 24 The pre- ashed a	hour ious way.	rain reco Som	all r d was live	ecord 6.17 stock	Rain damage. At was set when inches. Four was swept		flo and One pot	ed stage b sunk. Hu ditch req	y Satu ge dit uired were	rday af ches an over 2, flooded	terno d gap 000 y and	on (2 sale ards some	ong ros of gra were	Ecats ds cau vel to washed	River were at on lake filled sed by washouts, fill, Many very extensively.
Hopkins County	30 A th		cent	ered ov	r Mas	11son	4 7111e	dumped	Rain & Wind three inches nd lightning	MARYLAND Talbot and Dorchester Counties	8	during day			0	0	ભ	С	Heavy Rains
LOUISIANA	acco		e rai	ded. M	ets i	nd h	ighway vere u nd 5%.	s, and proote	hundreds of		are	caused m	any po and se	ver fai veral m	lures otori	and sts w	washou mere re	ts. M	the Royal Oak any basements from automobiles
Baton Rouge parishes Baton Rouge			80 mph						Windstorm damaged, l n tree limbs	Washington, D. C., Montgomery, Prince Georges, Charles, &	8	during d	У		۰	0	4		Heavy Rains
Calcasieu parish	and		rees; ains.						ty overflowed Funnel cloud	Anne Arundel Counties	Fla:	s, stores th floods : gomery Co	and ose t unty s	streets e eight trong w	and feet	in s	nded the some lo	ousand v-lyin n tree	s of motorists. g areas. In limbs and trees s were broken.
15 WNW Lake Charles Terrebonne parish	6								l'aterspout		In 1	the nearby caused so	count	ies hea	y ra:	ns f	looded	stree	s and roads
Terrebonne Bay; Point Mast									,	Frederick area, Frederick County	17 Vio:	evening	rston	s, sev	O ere l	0 ghtn	3 Ling, a	nd hea	Thunderstorms
Jefferson Davis; Welsh (near)	To	12:50 p nado touc ualties.	hed gr	pund br	lefly	with		or dama	Tornado ge and no		are: Free	knocked of s hit hard lerick. F	out of lest b	service storm looding	with were	abo Mou	nat 85	lines	400 telephones affected. Three mont, and ants occurred
MAINE Mars Hill and Blaine, Arocstook Co.		-	2	Narrow		0	4	4	Tornado	Baltimore (City)	ln 1	3:00 p.m.	tions	of Free	erici 0	0	ļ.		Severe whirlwind
	apps at t	rent to o hat time.	bserve Fell	rs as s ed tree	torn twi	sted.	k but Pati	visib:	ortex action s funnel not noted sser damage about mated near 75 mph.		Stre	et between	Edmo	nston A	vanue	and	Lanval	e Iven	along Bentalou e and smashed a
Southern portion.	16	Af ternoon	-	-	1	5	5	5	Electrical, wind,		Scal	tered lit	er of	broken	glass The	, tr	ee lim	and p bs, wo obser	orches, and od, tin from ed rotating
. •	Wald hit.	o, and Wa Many bu	hingt 11ding	on Cos.	in s	outh- fires	centra from	Lightand	ncock, Penobscot, southeast hardest ing. Utility fatality at		No i	upo a cente	n but	not com	nnecte	ed wi	th the	cloud	ness overhead. audible and
	Romf down torn	ord in Ox in some adoes. A	ford (areas, Card	Press	inj repo	ured cts d was 1	by lig secrit sveled	htnin e two with	Trees and limbs very small beams scattered the by hail. At	MASSACHUSETIS Berkshire Co.	One kno	Afternoon home set cked out b perties da	afire y ligh	i rain g e	upot so	pae b	A And	alut: Summ	Electrical, wind lity services were er theater
	Sidn 1:45 roof	oy a narr p.m. Ou ed or des	ow pat er 500 troyed	of da	ere	as c	nt thi dand	pranta s	chicken range at belters were de- or 1/2 mile.	North-central portion	17	Afternoon	-	-	0	0	4	2	Electrical, wind, hail Wind felled some
Entire State	Loca	Afternoom	thun	ders tor	0	2 ain f	5 our sec	ond de	Electrical, wind, rain, possible tornadoes, y in a row in much	Extreme northeastern	fel	es and lin Lat 6:06	bs. I	1411 1/4	to 1	/2 i	nch si	e, soc	ewhat elliptical,
	of s in S due Many trai	outhern p tate. Ag to lightn TV anten ler was o red by fl	ertion in li ng an tae an vertur ing g	and the ching of from the desired at least at le	rd c set ind chim ater	onsec damag felli neys ville ort a	ntive ing fi ng tre were t and t	day for res. es and lown of res by 1:	r storm activity Utility outages limbs onto wires. wm. A house- r Bangor. One	portion	Man lim sec tre	y minor da hs in seve tion was h es hit aut	lown i	romac Lesat S	ghtni es to ottag	ng s cau e at	trikes se powe Salisi and Ge	Wind or fail oury Be orgetow	Electrical, wind, rain felled trees and ures. A roof ach, Falling n. Heavy local Gushing water
	Ligh seen away repo	tning kil , tornado without rted to h ad before	led fi	ve catt action bing lu isted a fell to	e. lifte ber grou the	at Ne dan it ha p of eroun	wport ew war d cont three d. Pr	thouse ained large	no funnel was and carried it and also was trees around and borts cited a		iii	ted some m	anhole	covers	, cau	sing	one a	ito aco	ident
	Smal Stor and	l "twiste: n damage	n als in nor se pow	o at Br thern M or fail	dgto ine ires,	a but	no co	nfirma	tion was obtained, ly to downed trees ok Co. potatoes								-		

See reference notes at end of table.

	····											, .	,					AUGUST 1
		РАТН	ATH.	NO. PERS	OF I	EST IMA						РАТН	H.		OF		ATED†	
PLACE	DATE	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INURED	PROPERTY	CROPS	CHARACTER OF ; STORM	PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Central and north-	Cont'd.) 18 Afternoon	-	-	0	0	4	3	Wind, electrical,										
eastern portion	Damaging loca	windama	s uproo	ted tr	eea,	broke in Wo	branc rceste	heil hes, caused power r and Essex	MICHIGAN (Cont'd Entire State	26 <u>–</u> 27				2	11	•4	C	Thunderstorms
	Counties. A	t West torn wi	Newbury nich als	a gar	age wa	as de rees	molish and a	ed by a five- large flagpole.		SCA*	ries of the	ge fr	m loca	ly h	igh w	dnàs,	hail,	_
	path of dama	ge to	trees wa	s repo	orted:	in tìn	e Ster	y. A 200 yard ling area. At		Balt	lightning, timore and htning str	Bay C	ty, Fi	e of	the	injuri	es fro	ja ja
	some nearly	ubica:	At A	ere ar shby s	\$12,	1 000	ire wa	nch size hail, s set by lightning,		Was	reported :							
Entire State	21 Early evening	-	-	0	2	5	0	Electrical, wind,	MINNESOTA									
	Local squalls	fell	ed many	rees	MJ 7 QJ	took	power	e across state. and phone lines	Roseau County	3	2:25 p.							Funnel cloud.
	from lightni Norwood. Sp	ng str:	ikes. T	vo 11	րհե բև	anes	wre cke	started fires and d by wind at			drted by G	round (bserve	Cor	ps.			
	torrential d	o npou	re.			121.5	110026	L by origi	Alexandria, Douglas County	3	7:30 p.					2	l	Wind.
Hampden County (Central sections)	27 3 p4 p	1	-	0	0	4	0	Electrical, wind,	Randall (near).	3	8:00 p.	a at a	rport,	up t	1 1	mpn, d	id onl	y minor damage. Wind.
	'streets, Li	ghtnin,	g' damage	d a ni	mper	of bu	ilding	s, and flooded s. Huge tree,	Morrison County	0ne	injured w	en ho	se tra	ler (demol	ished.	Base	ment home unroci
	felled by wir Springfield, in Chicopee,	Ligh	ppled on tning st	to and ruck a	wrec	Ked s	everal dog (r	automobiles in registered boxer)		One oper	barn dest	royed :	and one	badl	v twi	sted a	nd buc	cled. Silo rippe maged by falling
Norfolk and Plymouth		a -	-	1	s	4		Electrical, wind,	Kerkhoven (near),	tare:	p.							Electrical.
Counties (coastal sections)	S44 1	<u> </u>	Ĺ.,		<u>.</u>].			rain	Swift County	1	started	by li	entnine	stril	ke. d	estrov	ed bar	
	3 children in	dured	by ligh	tning	at Ma	rms o nomet	Ver ar Beach	ea. Man killed and Power and phone	Camp Ripley,	3	8:00 p.			'	16	5		Wind.
All areas east of	29 Afternoo	1	_	1	13	6	4	Electrical, Rain,	Morrison County	Nat:	ional guar	smen	njured	by f	llin	g tent	poles	and flying deb
Conn. River	Violent elec	ical	storms	raked	area	with	torren	wind, hail tial rains, squalls		root	fed building moved so	gs an	d felle	tre	19 ar	nich d	owned	power lines.
	lightning di	pharg	eŧ. Aw	onan 🛊	ras kai	lled	by lig	frequency of htning and at s so general that	Minneapolis-St. Paul,	3	10:00 p.							Wind, electrics
:	radar scope	at WBAS	Boston	shows	d con	stant	clust	ers of echoes. t heavy losses	Hennepin-Ramsey Counties	Tree	ss, signs a	nd por	rer line	s do	med.	One	home s	Lightly damaged
•	also from was downed power	nouts and pi	floodi	ng of	roads fell	and ed tr	œllar ees.	s, broken or At Worcester, a	International Falls,	3	lightning. 10:30 p.					3		Wind.
	\$50,000. Li	zh tnin	tore a	4-100	t hall	e in i	the si	for a loss of de of a dwelling	Koochicking County	Boat	ta, motors,	docka	and b	at h	9 058	on sou	th sho	e Rainy Lake
	only minor d	mage.	curred	In man	iy par	TS 01	S COPE	area but caused		dama	aged when t	hunder	storm,	with	wind	s up t	o 52 m	h, passed over
Holyoks-Chicopee area	50 Early a.	-	-	0	0	4	0	Electrical, rain	Marshall, Traverse, Grant, Swift, Polk,	3	p.]		Hail.
	utility lines	i, flo	oded str	eets b	ınd del	llars	and w	es, knocked out ashed out side-	Stevens Counties	Loss not	es to fiel	d erop	s over	parte	of	above	counti	s. Dollar walu
Westfield	30 9 p9:20)b.=	_	0	,	3	٥	kes also reported.	Lac Qui Parle, Yellow Medicine	1 Som	e losses t	n file)	d cross	De.	1100	demons		Hail.
	A "veritable a 2-day serie	cloud:	1000001	or 20	minute	es. t the	This w	as the heaviest of	Counties				i drupo	, ,,,		Camarke	inc a	ARTHOTH.
	probably cum stalled or de	lative layed,	Stare	ets ar	road v	lars Vanho	floode ita.	d and traffic	Kittson, Marshall, Pennington Counties	9	8:00 p.						6 .	Hail.
Hubbards ton	51 3:50 p. Severe storm	-	-	o		0		Funnel cloud	,	rea	dy for thr	eshing	was ru	ined.	Num	erous	farmer	d crops. Wheat s reported nty alone was
MICHIGAN	shaped cloud	suspe	ended) m	oving	towar	ds th	nort	heast.		6 m	les wide,	25 mi	les lon	3.	- "	mar stra	LI COL	nty alone was
Clinton County	7 Foremon					2	1 .	Lightning	Kennedy, Kittson County	9	9:00 p.							Furmel aloft.
	Woman injure wire and tel	d at S phone	explo	- 11 ed"	ghtnir neide	ug st the	nuck t	elephone	Redwood, Renville	10	troop.	12	42			3	h.	Hail.
Southern Lower	15 late				3	4		Thunderstorms	Counties	l	up to th			ball	s dan	1		Some fields wer
	Severe thund	erstor	ns cause	d sca	ttered	dam plan	ge fr t at L	on lightning	.	75 1	er cent l). sa	Storm m	beve	south	east.		
	of service i	Cass C	ty. 2	rs du	s to p	POWER	failu rted	re. 22 cours pear Holland.	Winona, Winona County	10 Gree	8:00 p.	and en	tomobil 1	g As	no pod	2 hy ha	17 an-	Hail. inch in diemete
louthern lower	2 injured ne		wer and	1 at		by 13	gntn1	ng strikes. Thunderstorns	Becker, Big Stone,	ш	a.			va	65U	~, 11&	one	Hail,
	Scattered daz	age fr	om light	ining :	and lo	cal s	dndst	orms. 3	Chippewa, Clay, Lac Qui Parle, Murray,	Spot	ted losses	to f	ield cro	рво	curr	ed. D	ollar	iamaga not de-
	injured near	Detroi	t, 1 ne	r Hi	es fro	m 11	htnin	g strikes.	Nobles, Norman, Red- wood, Traverse Counties	ter	nined altho	nigh h	indred o	f cl	ilms	receiv	ed by	Insurance Compan
lower	21 All day Damage mostl	from	lighta	ng,	loodin	g and	C wash	Thunderstorms	Perham, Ottertail	11	a.			ı				Electrical.
i.	5 to 6 inch the early mo afternoon ca	ning.	Beavy 1	ains	near F	lint	in th	late	County	1	tning str	ick and	killed		er o	n thre	sh ing	
	areas, linj	ry fr	om light	ning	strike	near	Detr	oit.	i .	п	a.							Electrical.
outheastern Lower	23 late	L	ء ۔۔ فعلم و	1	-	5		Thunderstorm		Five	men knock ries repor	ed fr	m roof	of si	ed b	y Ligh	ning	out no serious
••	One man stru Park near Mo Detroit, Loc	erce.	injure	d by	niile Lighta Detec	ing i	sterl tribe	ing State	Albany, Stearns		3:30 a.	wu		'		4		Klectrical.
	highway near \$45,000 dama	inter o to	section automobi	with a	anothe numerat	r ext	ressw	ıy. About Waters	County	Food	plant and	conte	nts des	troye	d by		result	
	and very he	dvy da	nages to	ezin.	68 <i>5</i> W2.7	Pave	menta	•										
Seveenaw County	25 evening Several buil high winds.	ings	ear Ta	iola	destro	4 yed	y loc	Windstorm ally										

			PATH	Ē		OF SONS	ESTIM/ DAM						РАТН	Ē	NO. PER		ESTIM.		
PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
MINNESOTA (Cont'd			 							MISSOURI (Cont'd.)			<u> </u>						
Duluth, St. Louis		2:00 a.					4		Electrical.	Pleasant Hill, Cass County	31	1:15 a 6:30 a.					5		Heavy Rain
County			ock ru	al Dul	th h	оже w	ith to	tal lo	ss due to re-		He: da:	vy damage	to bu	ildings 6=7 in	and ches	roads of ra	. Flo in in	or of less t	school gym han 6 hours.
Austin, Mower County	21	ing fire.							Wind.	MONTANA									
and the second	Gran	dstand ro	of at	airgrou	nds (colla	psed d	uring	thunderstorm.	Dillon, Beaverhead County	2	10:Щ а.							Funnel Cloud and Hail
	Part	s of roof	promu	100 to	200 ;	yards	from	the bu	ilding.		Funi	el cloud :	report	ed 18 m:	les	/NW o	r DIII	on, to	uched the top of
Austin 8SW, Freeborn County		8:15 p.	d finn	el clav	1 500	feet	above	graun	Funnel cloud.		tur	y Mountai ed to eas t damage.	h but :	retreate avy smal	l ha	il re	oud, t	, but	d WSW to ENE then apparently no
Battle Lake 9S,		12:00 p.	1 46	0100		1000	200.0	gr om	Funnel aloft.	Cut Bank, Toole	grea 5	2:00 p.	2	880				L	Hail
Ottertail County	Funr	el cloud							ved at Alexandria	County	Haii			to dept	in of	l in	ch, pa	th SW	to NE.
Cottonwood, Jackson,		gusts as	high	as 75 m	h at	airp	ort ne	ar mid	Hail.	Reserve, Sheridan	8	2:00 p.	12	*2				l ₄	Hail
Lyon, Martin, Red- wood, Yellow Medicine	Loss	p. es to fie	ld cro	s. Do	llar :	damag	e not	availa		County	Hai	path fro	n Rese	ve to	iorth	Dako	ta bor	der tr	aveled SW to NE.
Counties	-									Bainville, Roosevelt County	21	3:20 p.	107	*1			4	С	Wind and Hail
Fairmont area, Martin County		8:00 p.	_43			2.1	<u></u>		Wind		Hai dam	ge.			•h•¹	wind	caused	much	property and crop
	Stra	ight line s damage :	and ou	age, b	rees roke	with windo	resur ws, be	nt tel	none and power evision aeriels ern roof blown D mph from the	Tankant Diskland	, .	11:30 p.	estima 13	1320				4	Hail
	off nort	near Imog	one.	find gu	ts w	ere r	ecorde	d at 6	mph from the	Lambert, Richland County		1 1/2 inch	-	-	sed 9	to 1	00 per	1	grain losses.
Lac Qui Parle, Yellow	28								Hail.	Raymond, Sheridan	21	ц:00 p.	7	880				Į.	Hail
Medicine Counties	Loss	es to cro	es. D	llar d	mage	not	availe	ble.		County	Hai	marble s	ize an	d wind	lamag	ed gr	ain fi	elds l	0 to 50 per cent.
Grant, Pope, Stearns Counties	29	11:00 р.							Hail.	Webraska							·		
	Pope	County,	small	lane b	own .	over	and de	nolish	At Glenwood Airport, ed. Hail damage	West of Fremont	1 Man	3 p.m. struck and		Spot 1.	1	٥	0	0	Lightning
Herman 1E, Grant	l	spotty wi 7:50 p.	n sto	rm patn	nort	pwest	TO 30	Lucas	Furmel aloft.	12 Mi. S. of Lexington	1	aft'n n lakesid		area	0	0	ų voral		Wind equall damaged.
County		-	l repo	rted fu	nel	novin	g sout	h touc	hed ground.	Northeast Vebster	1	6:30p.	15	+ Yes	0	0	ħ.	1	Hail & Wind
Sank Center 55, Stearns County	29	11:00 p.	15	+7			lı.	l ₄	Rain, hail, wind.	and western Muckells Counties	Ste	n moved S	312						Squall
Social is duting		s and pro heastward		damaged	duri	ng tì	unders	torm.	Storm moved east	3 Mi. Mast of Clay Center	1	early evening	Spot	Spot	0	0	4	0	Lightning
Marshall (near),		9:30 p.							Furmel aloft.		Cha	rab struck	and b	arned					
Lyon County	Pilo	t reports	sight	ing tor	nado.					West and south of Aurora	ı	Evening		al sq.	0	0	0	4	Hail
MISSISSIPPI Bolivar County	29	10:55pm							Funnel cloud		Den	ege spotte	mi. Lover	area.	Stor	3 MO1	ed no:	theast	
Rosedale MISSOURI										Southern Colfax and northeastern Butler	2	Midnight to 3 a.m.	55	+20	0	0	6	6	Excessive Rain, some hail
Clarence, Shelby County	1	1:20 p.							Funnel Cloud	Counties eastward nearly to the	por	fall esti	Saunde	rs Coun	ty.	Resul	tent f	loodi	feerman g
Hayti, Pemiscot	5	5:00 p.							Funnel Clouds (2)	Missouri River	alo	ry damage ng Wahoo C	Legic ID Ton	er pare	e or	, moo		n cro	GENERA
Malden (5 NW),	5	7:30 p							Funnel Aloft	Oming County	2 Sto	2-3 a.m.		+3 at. Da	0 nage	0 vari	0 ble.	4	Eet1
Dunklin County		7:35 p.							- union River	Southeast of	2	3:30-li a.	3.4	*1	0	•	5	4	Heil
Princeton-Mercer Counties	5, 6,						6	6	Flood	South of Leigh	2	early a.m]	1	O		3	0	Lightning
*	7 Ve th	ry heavy r e Weldon H	ains (up to 1 ut of i	1.5 i	inches mks-	near	Linev:	lle, Iowa, sent dges washed out.		Gra	nery struc	k and	amed.					
	he.	avy damage ttom crop	land i	Incetor	DOME	r pla	nt.	13,000	acres of rich	Northwestern Phelps County	J Ler	s.n. s stack b		Spot my burn	od.	0	3	°	Lightning
Sedalia (20 cm)	of	livestock	†							Near O'Neill	3 Lear	a.n. ge stack b		Spot ny bara	0	0	3	0	Lightning
Sedalia (20 SE), Pettis County	15 He	•	Burfac	g winde	est!	meter	gt. 64	мри -	Furmel Aloft n downtown	South of Falls City	¥	5 am.	Spot	Spot	0		3	0	Lightning
	Se	dalia.								Meant of Outskouts	h	night	Spot	Spet	o	1	3.	0	Lightning
St. Louis		2:00 p 2:30 p.	ì	L			4	<u></u>	Thunderstorms		Two!	ve cattle	kille	•			4		
	п	co thouse entning hi	t the	Slobe-I	emoci	at ne	nebabe	r bui	or a short time.	Near Abie	Thir	Parly am.	MO 82	ller b	1141	egs,			formado destroyed.
St. Louis	24	noon					5		Thunderstorm	North-Central Boyd to Northeast Holt and	Stol	1-9 p.m.	earb:	*6 les to 1	0	0 111:	ų Maint	5 dner	Hall
Oullimon (11 mm)	2.	inches o	1	in 30	ninut	es in	downt	own S		Northwest Enox County	01e	r highway	in Bo	d Coun	7.	Storm	BOVE	south	bast and
Sullivan (12 NE), Franklin County	25	5:15 p.	lings.	trees =	nd T	ant=	nnee d	own-	Funnel Aloft	West of Albion	9	afternoon	Small	area	0	0	3	0	Vind Squall
Farmington,	25		,		["		Funnel Aloft	Columbus	9 Chur	night ch towar	Spet struck	Spot and dat	0 aged	0	Ħ	0	Lightning
St. Francois County										17 M of Chadron	11	9:30p.	Spot	Spot	٥		0	3	Mightning
Herculaneum, Jefferson County	29	2:10 p.						İ	Funnel Aloft	1	5 0 1	75 acre	\$ cure	t range	parn	₽đ	l]	

AUGUST 1959

																			AUGUST 1959
			PATH	Ę		OF SONS	ESTIM. DAM	ATED [†] AGE					РАТН	=		. OF SONS		ATED!	
PLACE .	DATE	TIME	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
NEBRASKA (Cont	13	5 p.m.	Spot 4 1500		e p	0 LTRed	4	0	Lightning	NEVADA Indian Springs, Clark County	1					5	2		Wind
Osceola	13	afternoor	For 1	1.m1.	0	0	ų	0	Wind Squall			ng glass.		BI 2 110	se c	alle	rs, u	Jur 112 g	5 persons by
West of Blue Hill		Evening n and full	2 spc		O	0	14	0	Lightning	Henderson, Clark County	25	2:00 p.					4		Wind
Ogallala	13	night age caused	most	of town		0			Encessive rain		con	ng winds, rete bloc s, and ca	k buil	ding un	der c	onstr	rain uction	and he	il, toppled a off several
.Northeast of Sutton		unknown arms and a	3 fer few a	ns maller	0 build		ų rased.	0	Wind Squall	NEW HAMPSHIRE Most of State	17	Afternoon	-	-	0	0	4	0	Electrical, wind,
30 mi. northeast of Ochkosh	19 Two	unknown large ste	Spot ers ki	Spot	0 mad 15	0 BCT	3 s gras	s bur	Lightning ad.		sou	theastern	portio	ps, Ma	фу ро	er f	ailure	s from	s in southern and lightning strikes
Arthur County		Afternoon				0		4	Lightning		at	3:15 p.m.,	movin	g eastw	ard.	This	was t	ermed	orm struck Salem a small tornado
Horthwest of Scotts.	21	Early a.	3	*2	0	0	0	ų.	Hail eved south.		was inc in	obtained.	Majo demoli ded st	damag tion of	a dr	in n ive-i	arrow n thea	path, ter so	or rotary winds however, and reen, Heavy rains fell without
Qearwater	21	1	l'ow :	q.ui.	0	c	4	0	Wind squall Probably tornado in storm.	Franconia	24 Two	_	 climbe	- a of P	2 rof 11	O e Mou	0 mtain		Wind f exposure to cold;
Near Inmen		5 p.m. windmill a	nd a	Sarros Se hay:		0 desi	3 royed	0	Tornado	Lake Monononac (Rindge)	29	12:29 p.	1/2	-	0	0	4	0	Tornado
Southwest of Greighton	21	late afternoon Barn str	Spot	Spot	o	o	3	0	Lightning		fee vio	h on peni across a lence in i	nsula. nd 2 t ts bri	It go o 3 fee ef cont	aged t dee act w	a hol p. E itza s	e out vidend urface	of the es of Alu	sand about 50 extraordinary minum cance twisted to oak trees
Omaha and western Suburbs	22 Flas	4-5 pm. n flood.	You s	.mi.	0	o	5	Littl	• Excessive rain		riv Was	pletely den. * A 12 demolishe	emolis x 18 d as i	ed"an cotta by ex	tru se, w	nks w nose ye ac	ere ": window tion.	wisted s had Its i	, splintered, and been shut tight, loor boards were
South of Brock	22 8to:	night n moved ea	t et	880	٥	0	0	4	Heil		Par	te of cott	age fu	rniture	foun	d flo	ating	in Lai	rayed and broken." a 2 miles away. rk on cement base,
Near Calloway	25 Lar	5130 pm. barn, f	Spot 11ed 1	Spot 1th bay	0 , su	naje i	h ng pa	O med.	Lightning	Belkmap, Hillsboro,	TQ5	lifted an	à shif	ted a f	ew in	ches	to the	north	and east,
Elwood and vicinity	28	3:45- 5:30 p.	6 ·	L	0	0	Ħ	5	Hail	Grafton, Merrimack Counties									intensity for
	dia	funnel cle ster. Gre nade ve	sund c	vered o	ne i	ch de	mosh epin	of in	ch to inch in of storm.		Con	ut 40 minu cord, 2,20 hes per ho	tes ma inche ur) eq	y have s in 40 cals ex	been minu pecta	inpre tes (ncy r	cedent equive ate of	ed in lent t once	some cases. At o rate of 3.50 in 50 years. amage caused by
3 mi. H. 3 E. of Rosemont	28 Barr	6:30p.m.	Spot	Spot	•	0	3	0	Lightning	NEW JERSEY		tning was					BECLI		
Fear Utica	26 Stor	7-7130p. ra moved so and covered	uthea	500 st. St. inch de	o nes i	to i	o inch r of	u s in storm.	Heil dismeter.	Monmouth and Hudson Counties	Two	Afternoon men kille	d and	three i	2 njure	d wha	n str	ok by	Electrical lightning. One and one killed
3 mi. S. 1 E of Rosemont	28 Lar	7:30p.		Spot ents b	0 rned	0	ų	0	Lightning	NEW MEXICO	and	two injur	ed in	Jersey	City			2000m	
Bodge County		7:30-8:30 p.m.	1	*1	0	0	3	3	Hail	Valencia County, western	5 A s	ee pherde	r was	kill	1 od b	7 11	ghtn i	ng ab	Lightning out 35 miles
Southwest of Hora	28	8:30 p.m. barn st	Spot	Spot	l o	0	14	Ì٨	Liebtnine	Gallup	nor 5	hwest of		ado.			3		Heavy rain
5} mi. SW of Diller	28	6:30p.	Spot	Spot	0	0	h.		Lightning	-urruh	Loc	p.m.	ng os	used 1	na joi	dar	nage i	o th	ee houses and
2 mi. S. of Deffitt	28 Larg	5:30p.	Small ad hay	area barn w	0		4		valves lost. Wind Squall ed steers and	Albuquerque	min 6	r damage p.m.	to !	50. Con	sīde	rab	Le st:	eet	rosion. Heavy rain
Fairfield and Vicinity	28	rel hoge h Evening go grain d	Small	area			Ļ	0	Wind squall, probably small	Belen and vicinit	dam	y shower age to ur p.m.	pa ved			BOME	10 ca		ding. Major
Near Geneva		Fight			0 d in.	o	Ħ	0	tornado Wind squall	-510H MM V101H10	Ha 1	-	up to			met	-	5 orted	Hail, wind and rain 1. Most damage
6 Mi. east of David City	28	unknown	5	*1	0	0	0	4	Hail .	Socorro County, northeastern	14	10:10 a. 11:30 a.							Funnel clouds
Southeast fourth of Stanton County	28 8to	2-3 p.m. nes small,	5 about	*5 half i	o ach i	0 11 61 8	O meter.		Hail ge spotted.		Two No	separate vidence	funt that	el old	uds	sig	ted o	grou	open country.
South of Kimball	29 Seve	afternoon	Spot ns car	Spot ed rane		o bed	0	4	Lightning	Alamogordo	17	p.m.					5		Heavy rains
Saline County	29	4-5 p.a.		500	0	0	3	ķ	Hail		Sto a sl	m totals ort peri	rang	ed fromside	rab!	o t	1000g (thre	e inches in
Near Vilsonville	29 Par o -	night			0	0	3		Lightning	Otero County,	20	8:00 p.						,	Funnel cloud
Wear Malcolu	30 Stori	5 p.m.	Short	Narrow . Pat	h alo	O ft wa	a spon	0 t 40 z	Formado iles long, but		not	reach gr	sign	ted o	ver (pen	count	ry. I	vidently did
West of Grete	toue 30	late aft:	only aSpot	briefly Spot			3		Lightning	Albuquerque	Sma:	12:15 p. 1 funnel Remains	olou dald	d obse	rved	tro	m ste	tion	Funnel cloud about 8 miles
	•	- •	-	,	,		,									' '		1.	

See reference notes at end of table

			РАТН	r		. OF		ATED†					РАТН	#	NO. PER	OF SONS		ATED [†]	
PLACE			H OF PA	OF PATH (RDS)			<u> </u>	AGE	CHARACTER OF STORM	PLACE			HOF PA LES)	WIDTH OF PATH (YARDS)				AGE	CHARACTER OF STORM
	DATE	TIME	LENGTH OF I	WIDTH OF PAT (YARDS)	KILLED	NJURED	PROPERTY	CR OPS	STORM		DATE	TIME	LENGTH OF (MILES)	WIDTH (Y)	KILLED	INJURED	PROPERTY	CROPS	JIORM
NEW MEXICO (Co Wagon Mound and vicinity				,,,,	6	 	3	3	Hail and heavy	NORTH DAKOTA (Co Northeastern counties	nt's	.) Evening		-			30 ,		Tornado, heavy rain and hail
Alamogordo	26	p.m.	ima.go.	121 :	SDee!	our o	5 5	in r	looding arroyo Heavy rain		Tor	ado was s was accomp	een in anied	vicini by 2½ i	ty of nches	Gal of	esburg rain a	at abo	ut 6 p.m.; reported
	aon	nfall ex siderabl	oeedi e flo	ng two	inc	hes	ina	short	period caused	Divide County	to:	e golf ba	11 siz	e.		ļ *		25,	Hail and wind
Bernalillo County, eastern		3:29 p 11 funne	l clo	nd obs	ser ve	d in	Tije	ras 1	Funnel cloud	Williams and	21					1		10,	Hail and lightning
		es east not rea				In	sight	for	five minutes,	Bottineau Counties								000	
Harding County, western	30	p.m.					5	5	Hail	Nelson County		vening sel cloud	formed	south	of La	kot a	000	50, 000	Hail and wind
	oar	nes up t	o 1"	in dis	mete	r. E	roke	windo	ws and damaged	Central	24	Evening				1	50 , 000	400, 000	Tornadoes, hail, heavy rain and
Quay County, western									Hail Lls. Range						⊌ns c	ae d	addock	and St	wind reeter at about
NEW YORK: See	86 V	erely da	ma ge d	Ų•	ı		many	oars	on highway	South-central	•	m, in the Evening	eveni	ng.					·
NORTH CAROLINA			ior	New Yo	ork d	1							, 		:		35,	10, 000	Tornadoes, hail and wind
Ashe, Cabarrus, Cleve- land, Yadkin Counties	1 Woma	night n injured,	fi.re	eet,	commu	1 icat	ons 1	nes d	Electrical, wind, hail amaged by lightning.		Tori	ado occur of the s	red at tate.	Ft. Ya	tes a	nd i	Lisb	n in s	cutheastern
Halifax County	1 1100 2	aftn	wn, h	mes dar	nta ged	by w	nd.	crops	hit by hail.	OHIO Northeastern Fulton	4	afternoon	-	-	0	0	4	4	Thunderstorm with
Catawba, Surry Countle		guard stru 3-5 pm	ick by	lightni	ing a	t Wel	don aw	ming	pool. Electrical	Co.	Seve	ral severe	thund	lerstor	a bit	nor	theast	era Fu	hail ton County during
Dare County	Chim 17	ney, wirir midday	g dans	ged, si	all :	ires	start	ed in	several homes. Waterspout seen		stri	afternoon kes; and b ge to corr	eavy l	ail nea	r Del	ita a	nd Wir	eneg d	by lightning id considerable
Johnston County	18	aftn				1	3	,	Electrical	Bowling Green	15	5 PM	-	-	٥	45	3	0	Thunderstorm
Alamance, Davidson, Nash Onslow Counties		hurt, barn 4-10 pm	i burne	a, by	1	μing.	ļ ,	4	Electrical, hail		leve 30 p	ling 9 lar copie rece	ge ext	ibit to	nts :	and r	ipping	apart	nty fairgrounds, several others. ere taken to
Buncombe, Cumberland,	Man 23	killed by aftn &	11ght:	ning who	le f	ishin 3	g; bar	n burn	ed. Hail hit crops.	Huron	hosp 22	itals for 4 PM		narrow	0	0	3	0	Suspected tornado
Forsyth, Guilford, Lencir Counties		night	n thre	e loca				li shtn	ing; one killed.		dama	ge in Huro	n. Ro	tating	wind	s plu	is loca	lized	ke did light nature of the
Buncombe, Davidson, Hei	Seve	rål lightr aftn	ing f	res, s	me s	truct	wald	ama ge	from high winds. Electrical, wind,	OKLAHOMA Pryor, Mayes County	stor	suggeste	d that	this	as a	poor	Ly dev	eloped	Electrical
derson, Madison Counti	s Man	killed by	light	ning. H	anil di	ma ge		ŀ	hail ghtning and wind	i i i i i i i i i i i i i i i i i i i						ng ir	loss		e. Woman working
Surry, Yancey Counties	li	ed damage 3-4 pm	to po	, tin	es, n	omes.	3	4	Electrical, hail	Stillwater, Payne County	6 Str	7:30 p.		ted un	to 90	mil	4	hour t	Wind, rain, electrical coppled wooden
Western Piedmont area	Man 26	injured, do aftn &	g kil	led, by	11gh	tning	Ha1	1 dama	ged crops. Electrical, rain,		tru:	sees of an	audit durin	orium u	nder torm.	pons	tructi	na. He	avy rains of over ak one home and
	Wide	night spread dan	age o	er lar	ge ar	a of	State	from	wind, hadl lightning, high wind	Oklahoma City, Oklahoma County	6	9:00 p.				1			Electrical
	Exte	y rain am naive dame	ge in	cities	of C	arm a Barlo	tte an	kille d Wins	d by lightning. ton-Salem.		hom	tning str . Severa utilities	l othe	d injur strik	ed a es ca	woman	stand some	ing in	doorway of her lamage to property
Catawba, Forsyth, Surry Wilson Counties	& 30		lerato	rms the:	se ar	eas b	5 oth da	tes.	Ricotrical, rain	Lindsay, Garvin County	16	6:45 p.					4		Electrical ·
	which		roads						sed flash flooding y in vicinity of			tning str	lok a	home an	d the	res	ulting	fire d	lestroyed home and
Surry County	1	7:30 pm						5	Had 1	Hugo, Choctaw County	WAB	destroyed	ed gro	gain at	the	norti	heast	dge of	Tornado Hugo where a barn the City where a
Halifax County	Toba 29	2 pm.	lama geo	over	sq.	mi. 1			Lightming	Weatherford,	hou 30	3:30 p.	ged.	Storm	#nved	nor	theast 5	ard.	Hail, wind
MORTH DAVOTA	Five	year old	boy k	11ed, 1	roth	r in	jured,	Бу Ц	1 - 1	Custer County	Hea-	y hail ra	nging d roof	in size	up t	n go	lf bal	ls caus	sed severe damage
NCRTH DAKOTA Nelson County	3.	lfternoon						25, 000	Hail	į	ant abo	therford a ennas, etc t 5 miles	rea. The north	Strong path o of Wea	winds f hai therf	ble l da brd	w down mage t	utilii	ties, trees, TV s, etc. started southward to near
Sheridan County *	3	Afternoon						10,	Hai 1	Washita, Kiowa,	Alf	1fa in we 5-7:30 p.	stern	caddo C	ounty	1	5	6	Hail, wind
Ramsey and adjoin- ing counties	5							10, 000	Hail and wind	Comanche, Tillman and Cotton Counties	Hee	y hail th	size	of gol	bal	ls t	o base	balls :	fell along an
		ening			1] ,		50,	Hail and wind		ext	ensive pat	h from	Dill C	ity i	h Ha	shita	gounty	south-southeastwar

See reference notes at end of table.

		PATH	Ŧ	NO. PERS		ESTIM. DAM			1			PATH	Ę	NO. PER		ESTIM. DAM		
PLACE	DATE	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PŁACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
OKLAHOMA (Cont'	estimated at	600,0	ond of	to pre	opert	yat (200,00	, sorghums, s to orops was 0. Strong winds the severe storm.	SOUTH CAROLINA Charleston, 12 miles southeast Charleston County	13	11.34, р		•	0	0	0	0	Waterspout
	Homes were un antennas, tre resulted at G	rccfed es, et randfi	outou c. were eld in	lldin dama Tillm	ga bl ged. an Co	own or Most unty w	er, ut severe here r	ilities, TV wind damage early a block of	Charleston Harbor, Charleston County	13	12 noon	-	-	0	0	1	0	Waterspouts
	at \$100,000.	ainga	F85 Q65	croye	or	name 2e	1. 112	nd damage estimated		dis	ipated as	they	noved o	s ove n-sho	rone	Tiesto	n narc	or about noon an
Greer and Jackson Counties	30 5:15 p.		*6				5	Hail, rain, dust	Easley, Pickens County		1:00 р	-	-	0	0	2	0	Lightming
	Hail up to the	Greer	of hen County	thre	fell ugh W	along arren	a str to Hes	ip from just south drick in Jackson mt. Additional	Rock Hill, York County Rock Hill, York County	}	4:00 p about 7 -	-	_	1 0	0	0 4	0	Lightning Lightning
	hail damage w	as rep	orted a	round	Elda d up	rado i to 30	n sout	hern Jackson	Mock hill, 1012 county		8:00 p	iestro	yed by	ilre,		ed by		
Devol, Cotton County	30 6:20 p.	2	100		1	5		Tornado	Union, Union County	26	7:30 p		-	0	0	2	0	Thunderstorm
	almost comple	south te des	mard do truction	n to	e main the si	n stre mall o	et of comuni	Devol causing ty. One person ng to reach a		Uti	ities som	nwhat :	interru	ted.				
	storm cellar.		,				,,,		Columbia, Richland	29	2:00 p	-	-	0	0	3	0	Thunderstorm
Randlett, Cotton County	30 6:50 p.			l i		4		Tornado		pla	es.	exces	rive re			ļ		s and flooded le
	a school and	home.	Steel	windo	w fra	mes we	re pul	ing in damage to led out of mortar he school. Storm	Aiken, Aiken County	29	3:00 p	•	ina 🥌	O m ah	O met e	2	0	Thunderstorm n, temporarily
	moved southwa							10 00		int	rrupted u	ility	servic	8, W	ith s	ome sl	ight d	anage from fire
Castle, Okfuskee County	31 1:50 p.	1	100			3		Tornado	Florence, Florence	29	Aft.	-	_	0	0	2	٥	Thunderstorm
	Tormade damag moved westwar		farmst	eads	just	north	est of	Castle. Storm	County	Line	ited damage	from	floodi	ıg, d	e to	ezces	sive r	wins, and some
OREGON Central and Northeast	l Afternoon			0	1	5	4	Lightning	Upper Oreenville	'	Most of	irom .	I gnum	g.	0	4	0	Heavy rains
	Lightning at	many l	igher e	leva	tion	oints	omse	d several large	County		both days			Ĭ		7		
	which were e									Exce	ssive rai	resu	ted in	flaa	flo	ods in	the B	iver Falls and C
PENNSYLVANIA York, Lebanon, Berks	16 Night					5		Thunderstorms		hom	s and did ges.	exten	dve da	ands.	o pr	pperty	lake	people from thei
and Lehigh Counties	Three barns w	ere fi	red by	ight	nine		tally		SOUTH DAKOTA Potter, Sully, Buffal	1	[]					١.	_ ا	
	a combined lo	ss of					,,		Jerauld, Brule, and Gregory counties	ľ	ttered day	10.00e f	om hai'	חמו	n 1	non o	5 Dore	Hail, wind and electrical
Lancaster-Allentown Areas	17 7 - 10P.N					4	ļ	Thunderstorms	1	in	diameter d erable pro	ver perty	rts of damage	thes	6072	nties.	Con-	
	Seven cows we electrical se winds in the	vice :	Interru	pted 1	by Ii	ghtnir	g stri	kes. High	M.D.		nvalley, i	n Buff	alo oor	nty.				
	fired and des								McPherson, Brown and Roberts counties	No Cla	Afternoor reports-de dms.	mage d	erived	from	bail	insur	ance 4	Hail
Pitteburgh	22 4 P. M.				<u> </u>	5		Thunderstorm	Cregory county		3:00 p	60	•4			5	5	Hail
	Lightning ind Some flooding									Ser	4:00 p. ere hallst	OTTE 62	tending	from	12	niles i	OS.	
Elisabethtown	22 6 P. M.					5		Thunderstorm		Coz	e complete or crops and cregory sc	ich he	d been	cons	dere	exce	lent	
	Strong winds a newspaper o	ffice	causing	\$200	,000.	00 đan	age to	building and		Çat	sed to oth	er are	ps and	marty	bu11	ings	5	
Pitteburgh	contents which		ruineu	1	2	3	1011	Thunderstorm	Bast central counties	11	Evening					5	5	Hail, wind, re
•	One boy was k	illed :		ruck	by li	ghtnin		eight of storm.	from Roberts to Lake	Hai	l up to 2 Roberts co	1/2 iz	ohes ir	diaz	eter	near	isset hail	a,
,	Two persons w					lass w	hen se	veral store		bui	heavy rai idings, vi	n caus the cor	ed much sideral	dame Le so	ge t	orop rosion	and and	
Southeastern Counties	29 Late Afternoon			3	3	4		Thunderstorms	Minnehaha county	flo	oding in t	he Mad	ison ar	ea of	Lak	COULD	7 7.	
	Near Allentow three and inj	six puring	hree.	Heav	rai	n in t	he Phi	ntning killing ladelphia area	runnenana county	-	near 6100 p. p damage f	mm he	47 1 2	l inc		n 41a	5	Hail
	winds toppled	trees	and si	gnboa	rds w	hile l	ightni	d beds. Strong ng struck and		in	the area 2	0 mile	s south	west	of S	oux P	iis.	
PUERTO RICO	brought down	a ton	pr ston	at	a nos	brest	under	construction.	No Cook	ļ	5:00 p 6:00 p.	3	*1 1			5	3	Hail
Morovis	10 4 p.			1	o .			Thunderstorm		gol gol	l east and ball siz	south	of Sel	eza wi	th s	Cones 1	p to	
	during a thu	ider atq	rn wher	he p	essed	bene	tha	ed by lightning tree while struction of a	Carson, Campbell, McPherson, Walworth,	24	Evening	100	*25			5		Wind
RHODE ISLAND	storm shelter	or will	on was	ω 0	us60	ın t	na cou	swinction of 9	Bdamds	Maj at	or wind da nore than	nage t	o farm ms in t	build his e	ings rea.	WES TH	porte	· ·
General	29 A.M. to				1	Į,		Electrical, rain	TENNESSEE Butler, Johnson		 				1	Ì	İ	
	P.M.								County	3 A W	p.m. man struc	c bor 1	ightmi n	1 min 1	l le 1r	a her	n. mrf	Lightning fered multiple.
	State-wide el south in the	nornin	r and 1	b thei	nort	ות יצירו וי	firl oft	hamoon One i		buri	s and sho	k.				ا ا	سه ,	
	shoe Barn a shed at orcha	M2 15 1	cons of	hay (lestr	oyed a	lt Cove	i ripped off one	Kingsport, Sullivan County	23	6:30 p.				1			Lightning
	3,000. About	a doze	n other	bui	ding	were	repor	ed struck from	I	Aw	man was s	ruck l	by ligh	ning	and	receiv	ed cut	s and bruises.
	Narragansett	on the	South	LO THE														

		E		NO.		ESTIM						£	_	NO.			ATED†	
PLACE		H OF PATH LES)	WIDTH OF PATH (YARDS)		SONS	DAM E	AGE	CHARACTER OF	PLACE			H OF PATH LES)	WIDTH OF PATH (YARDS)	PER			AGE	CHARACTER OF
	DATE	LENGTH OF (MILES)	WIDTH (Y)	KILLED	INJURED	PROPERTY	CROPS	STORM		DATE	TIME	LENGTH OF F	WIDTH (YA	KILLED	INJURED	PROPERTY	CROPS	STORM
TENNESSEE (Cont'o Knoxville, Knox County	24							Hail and Wind	TEXAS (Cont'd.) Across north and central	30- 31	10 pm to 6 am	1,00	*1,00	0	0	°5	C	Wind
	flattened pour Hallstones 1/	ıltıry h	ouses a	nd im	peded	phone	and p	ged home roofs, ower service.										m Wichita Falls
Mosheim, Greene	25 6:30 p.		1 211011		1			Lightning		Mex		roxima	tely (10	щоh.	Dam	aged t	rees,	glass, roofs,
County	A man working	in a	dairy b	arn w	as st	ruck b	7 li gh	tning and knocked	7770477									,000 damage.
·	unconscious.								UTAH Price, Carbon County	2	6:00 p.					5		Lightning
Herman, Greene County	A farmer was	atmick	 Dur 11 a	l htn:n	ond.	let 13a	1	Lightning			tning stru		lumber	ard s	ınd t	he res	alting	fire caused
	tractor.	Juluck	3 14	- Callering		, ALLE	, will	e arrang a	Garland, Box Elder	11	3:20 p.					4		Lightning, win
Johnson City, Washington County	26					ļŧ		Rain	County	Ligh	tning hit	a 200-	foot el	ovato	ır, bı	eakin	g two !	alf-inch suppor
	Heavy rain ca water into se	nsed t veral	tores	apse o	f a oode	roof, d stre	brough	t 1 to 2 feet of		cabl	es. A str nouse.	ong w	nd ther	topp	led	the el	evator	over an adjoini
reensville (near)	28 p.m.				2			Lightning	Salt Lake City, Salt	12	1:01 -					1		Hail
reene County	A young man a tobacco barn	and a b	cy were	injur	ed w	nen li	htnin	g struck a	Lake County	tto 4 1	lill p.	to 1"	in dia	otar	fe11	du r\$ n	e a th	mderstorm but
leason, Weakley	29 p.m.	1	aley.	1		31101.10		Lightning		CENE	ed only mi	nor de	mage.					
County	A 26-year old	l man w	as stru	-	light	tning :	and ki	led while fishing	Ronanza, Uintah County	26	2:15 - 2:30 p.					2		Hail
TEXAS	under a tree.	• -	1			İ	ļ		·					roke	wind	ows, d	amaged	roofs, and
Mr Gilchrist,	13 9:45 am	5	15	0	0	2		Waterspout	VERMONT	caus	ed other m	inor (amage.	.				
Chambers Co.	Moved west a			Penin	rula.	Thre		r incipient	Southern half		Afternoon ing trees		- imbs br	0 oke p	4 wer	4 lines	0 in man	Wind, electrica y areas. Three
	spouts observ				Stron	g wind	blew	over trailer		car:	were str red in Ru	ack by tland	fallin then so	g tre	es in ding	Poul:	ney. own do	Two men were wn. Other injur
Apring Branch, Harris Co.	13 11 am			0	2			Electrical		in caw	raffic ac ed power	cident putage	blamed s, incl	on w	ind i	n Shre nsive	troubl	. Lightning als e at Bennington.
marits ou.	Lightning sta	ruck 2	workmen	oaus	ing i	njur1e	3.		Rutland County		Afternoon		-	o etor	0 ** km	4 ocked		Electrical, win
5-20 SE Angleton, Frazoria Co.	13 1:09 pm	1/4	100	0	0	1		Tornado		Wir	s downed							
	Touched groungrass.	nd mome	nterily	in a	rea o	fhont	ing ca	mps and salt	VIRGINIA									
San Augustine,	13 4:35-5 pr	<u>z</u> 2	*1/4	0	0	Ц		Wind	North and West (Metropolitan)	7–8	11:00p-					5		Devastating flag
San Augustine Co.	Damage to but Rain with son	iness	to 1/2	go, r	esida	nce ro	ofs er	d TV antennas.	Richmond									nd north side fall that caused
8 SW Dayton,	16 12:20 H	1		0	0	0	. 0	Furnel		inu	dating fl	ash fl	poding.	Rai	nfall	anour	ts ove	r a brief period cken area; the
Liberty Co.	Moved NE, die	not t	euch gr	ound.						gre	test over 6915 Evc	night rview	total o Road.	rec Damag	ord, s est	8.43 : imate:	nches,	was reported d 3200,000;
10 SSE Jefferson	17 8:30 am			0	0	o	٥	Furnel		Nat:	onal Red	Cross	spent a	pprox	inate	ly :50	,000.	n homes. The in rehabilitatio
County Airport	Did not tone!	groun	d.								et this c				wors	t nati	ral di	sasters ever to
10 W Sourlake, Hardin Co.	18 11 am			0	0	0	0	Furnel	Western Piedmont South Boston north-	23	4:00p- 5:00p		,			°4		Severe thunder- storms, hail, a
	Did not touch	1							eastward into Buck- ingham County									heavy rain.
Bhim Hillje and Louise, Wharton Co.	21 9:55 am		DATTOW		0	0	0	fornado		floo	ding and	lightn	ing str	ikes	lamag	ed pov	er fac	esulted in flash ilitles in the
	Moved S, tone	pec gr	ound ter	100 11	ope	n fiel	ds. R	etermed into		per:	ods of ti	ne.		1				for varying was hit by hail
5 S Corpus Christi, Rusces Co.	21 10:05 am			0	0	0	0	Funnel		with	stones t	l in	ch in d	iamet	er.	Heavie	st dar	age was sustained.
	Did not touch	groun	4.				_		Buckingham County	23	4100p	1	1/4			°4		Tornado
18 5K El Paso, El Paso Co.	Did not touch			0	0	0	0	Funnel	near Sprouse's Corner	A se	vere thun	dersho	wer acc	mpan	ied b	y what	many	residents con- ction of U.S.
8 NAW Corpus Christi.	26 12:5hm	1 Srom		0	0	0	0	Funnel		Rout	ed was a e 60 and eximatel	ornad State 1// ~	o, tegi Route l ile uta	nning 5. D	near id ex it m	the tension	nterse e dame	ge over a path
San Patricio Co.	Did not touch	groun	d.					· mes		Tree	s were up 2 residen	rooted ces su	, a tob	cons	barn idera	was de ble de	stroye mage.	ge over a path toward Dillwyn. d, a restaurant
of Smithville,	27 9 am			0	0	ò	0	Funnel	WASHINGTON									
Bastrop Co.	Moved NE, did	not t	ouch gr	ound.					Eastern Northern Counties	12	Afternoon			0	0		b	Thunderstorm
S of Wellman, Terry Co.	28 7 pm			ı	0			Electrical	1	Num	erous fore thern coun	st and	grass f caste	fires rn Wa	were thing	stari	ed by	lightning in
	Worksam on fa	m str	coked &	нn	ed by	light	ning.		WEST VIRGINIA		-]						
fichita Falls area, Fichita Co., including	30 btwn 7-8 pm			0	0	5		Wind	Hurricane (near)	Cran	Afternoon s operato	r was	reachin	g for	1 a ca	ble at	tached	Lightning to the crane
Parkburnett and Iowa Park; & Henrietta,	Severe thunde	storm	winds	offi	للمك	7_208.5	med t	o 75 mph, heavy		when	the ligh	tning	struck.		ì			
Clay Co.	rain. Damage business buil	mostl;	beavy	is a	d wi	ndows	of res natruc	idences and tion.										
orestburg, intakus Co.	30 8:30 pm			0	٥	4		Wind										
	High winds, b	lowing	dirt az	d du	rt, d	unage	to roo	ts.										

			PATH	Ē		OF SONS		ATED†					PATH	Ę		OF SONS		ATED†	
PLACE	DATE	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME	LENGTH OF	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
WISCONSIN Bau Claire, Bau Clair	10	6:10 P-	Local	* 2	0	0	5	0	Hail, rain	NEW YORK			 					<u> </u>	
County	ì	8:40 P rage diame ered grow				1 -	i .	st 3	inches. Hail	Statewide		Most of				4	0 6	С	Heavy rain,
	dan	ered groun	d to d	epth of mod wash	0 1 outs	achea	Win	dous w	ere broken, roofs		1	24 hours	ots un	to 34	or 4	nche	B 000	irret nø	thundershowers in near cloud-
Fown of Franklin Manitowac County	14	Evening							Funnel		burs	t intensi	y in 100di	some sec	etion muni	e. E catio	n and	area	suffered consider failures in
own of Wilson	21	Evening	Local		0	0	4	0	Lightning, wind		Oweg	o area. 1	ail,	ligh vi	ids a	dd to	rrenti	al rai	d car accident in h in Watertown ar ous lightning-
heboygan County	Bar	n and farm htning and	build	ings c	ontai	ning	erm e	quipme	nt struck by] }	caus	ed barn f	res.	Staten	Isla	d re	ported	3.40"	of rain in 24 hr rops in Canton
filwaukee	23	ucurus sus	DUTBE	u, se	1	warn		JOWE.	Lightning		area Addi	(3.84° o:	rain	Sunday	even	ng).	Stoc	kill	ed by lightning a
a Crosse, Monerce	26-2	7 late 26			2	0	5	5	Rain, lightning	Scattered areas across the State		Afternoon & evening			3	7	5		Heavy rain,
ernon, Juneau cunties	Ì	early 27	mead 1	0 6300	the	flesh	flood	in th	e Kickapoo Valley.	Line State		ľ	atorm;	s with h	leavy	brie	f down	pours	severe lightning and severe light-
	Many hurt	roads and by flood:	bride ng; 3	es was homes	o be erew	dama	rops, ged; m	especi any he	ally tobacco, ad of livestock		ning	. In the ara Falls	Roche:	ter are	a a l	boy w	as bur light	ned by	lightning. At In the Albany-Tr
	MeLe	drowned; ets and be	barns	and war	ehou	ses b	rned	when a	truck by lightning;		tion	2 were ki s disrupto	d; ha	y light	ining up	and o go	6 inju 1f bal	ed; p	wer and communic high winds cause of gusty wind
6 SW Green Bay, Outagamie County	28	2:04 P					}		Tornado		knoc	ked new wa derstorms	ll ov	r kill:	ing of	east e wo	ckman.	In th	Nyack area sevential rain and hail med, winds up to
woodanse comes	Ver	y little d	ama.ge								43 m	րո. Ծաղաքն։	foasta	ullie an	1 0 8 81	arrer	od win	come.	ge. In the
30 S. Milwaukee Kenosha County	28	6:00 P] _	Hail		Ogde	naburg are todog.	a tre	s were	down	d by	the w	nd, 5	cows killed by
15 S. Green Bay,	Ha11	1/2 to 3/	4 inch	in dia	eme te	, st	rong w	inds.	Funnel	Rochenter area, Monroe County	21	Early afternoon					4		Thunderstorm squalls
Brown County									Tunno 1	}									eet flooding,
WYOMING hermopolis	13	Afternoo	Short	Narrow	,				Hail		cell dest	ar flooding	g, por	er and	neys.	nica	tion f	ilure	s and the
	Hai]	stones to	one i	ach in	diame	ter.				Southern Tier Counties northward to the	26	Afternoon				2	5		Heavy rain, hail, lightning
ILLINOIS										Rochester area	Seven	e scatter	ed thu	ndersto	ns w	ith t	mil an	d ligh	tning damage, and . Areas especial
Girard-Irving	4	6:15 am		narrow	1		4		Tornado	1	affec	ted were	Roches	ter, wh	ere 1	Lghtr	ting st	ruck r	. Areus especial umerous structure heavy rain and
	cau	ed light	to mod	erate d	amage	to b	uildi	gs nea	ittent path and r Girard, ina, which is		hail; exper	Auburn a ienced 4-	rea da nour d	maged by amaging	thun	ere t lerst	hunder orm; E	storms lmire	; Corning area suffered thunder-
•	45 1	niles sout n system,	heast	of Irvi	.hg, v	as pr	obabl;	cause	d by the same		stor: light	damages ning near	up to Elmir	\$100,000 a, also	0; on stru	e mar cture	injur 1 dama	ed and re.	3 cows killed by
Southwest portion	4-6								Heavy rain	Scattered areas across the State	29				2		5		Heavy rain, hail, high winds, light
	A n	rrow band	of he	avy sho	wers	on th	e 4th	extend	ed from La Harpe the 5th and 6th,		14 V	Vamia Cia			1.0	,,,,			ning
	add	tional ra to Alton	infall and n	s of 5 orthwes	to 6	inche to (s occu	rred :	rom the Mt. Vernon and La Harpe.		thund	erstorm w	nich a	lso cau	sed s	ome s	tructu	ral da	during severe mage. In the during severe
;	1111:	was part nois floo nties but	d dama	ge was	heavi	lest i	flood n Hand	ed For	t Madison, Iowa. d Henderson		thund	erstorms a	and li Buff	thtning alo are	. Se	vere n the	thunde Otto-	rstorn Cattar	s with lightning augus area around
Flagg Center	15	2:30 pm			BIVE.		4		Tornado	111	and h	ail as la	rge as	hen eg	gs ca	using	wides	pread	ghtning, high win damages to trees, y rains during a
	A BI	mall torna	do mov	ed towa	rd th	e Noz	theast	and d	ipped briefly to		thund	erstorm c	aused	surface	floo	ding,		a neav	y raing during a
Cary	the 15	ground wi	th dam	age to	1	ldine	в.		Electrical	Germantown area, Columbia County	30	Afternoon		,	1	5	3.		Severe thunder- storm
,		ntning kil	led a	man wal	-	on a	golf o	ourse.	2400 12 10 11			oman kill s injured		lightni	ng du	ring	severe	thund	erstorm, five
Decatur	16				1				Electrical	Lake Placid area,		Afternoon					3		Heavy rain,
		tning kil ng a thun			guaz	d who	was]	oweri:	g a flag	Essex County	Frant.	ish tuma i	-ceas	to alm	,,,,,	t tan-	, cf 4	' .	thunderstorm storm affected
Extreme south	16-								Heavy rain, heavy		parts	of area.	rea.î	00 0101		o uyy	01 0	, Langer	Storm allected
	17	hegan du	ring e	erly ev	enino	of t	ha 161	h her	thunderstorms ame heavlest	* Miles instead ** Yards instead									
	Rain	und midnig namounts	ht, and of 41	d was g nches o	eners r mor	lly e	nded l	y noor ral fr	of the 17th. om about the	° Includes crop C Crop damage.			in o	togor	100 1	varv	ing fi	rom 1	to 9 as follow
	lat:	tude of V	ienna of 7 t	in the 0 10 in	south	to t	hat of red al	Mt. I	ernon in the north. line extending	† Storm damages 1 Less than 2 \$50 to \$50	\$50	e praceu	In C	ategor.	169	var y	rue -		10 0 43 10-10.
	Sca	Sparta t tered win hward as	d and	lightni	ng da	mage	also o	ccurre	risourg. d in this area and	3 \$500 to \$3 4 \$5,000 to	5,000 \$50,	000							
Port Byron	26	1 pm	7	50			4	3	Tornado	5 \$50,000 to 6 \$500,000 7 \$5,000,000	to \$	5,000,000	000						
	and	caused ac	me str	uctural	dame	ige at	the (oe Sch	the northeast	8 \$50,000,00 9 \$500,000,0	00 t	\$500,0	00,00						
	lea ind	st a half cated vor	dozen tex vi	farmste nd moti	ads.	Dama There	ge to Was	trees dditi	and in corn fields mal scattered wind	States and terri	tori	es not I	isted	in th	ese	tabl	es re	porte	d no
Springfield-	1330	ree nource	enund :	ors con	ογε د	ex	m.cn(16.)	or one	n Illinois.	storms or unusua	ı we	acner ph	enome	na dur	Tug	cue	บถ เถ	•	
Streator area	29	afternoun			1				Heavy thunder- storms	Note: This publ due to the diffi	cult	ies inhe	rent	in col	lect	ion	of th	is ty	pe of data,
	str	ack by lig	htn1ng	and bu	rned	near	Cropse	y and	erge barns were near El Paso.	it is not all-in ried in the June	clus	ive. De	layed	data	and	corr	ectio	ns wi	ll be car-
	The	Logan Couse south o	nty ja f town	il at I was un	incol roote	n was	dama:	ed by sibil:	wind and a farm- ty of a tornado	SUBSCRIPTION PRI domestic, \$2.00	CE:	15 cent	s per	copy;	yea	rly orde	subsc	ripti	on \$1.50 be made pay~
	1 -	that area																	