

Storm Data

U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration ENVIRONMENTAL DATA SERVICE

JANUARY

1971

Volume 13

No. 1

Asheville, N.C.

1971

																	_	JANUARY 1971
	LOCAL	F PATH	PATH	NO. PERS		ESTIM DAM	ATED†	CHARACTER			LOCAL	F PATH	PATH S)		OF SONS	ESTIM DAM	ATED†	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF I	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
Alabama Crenshaw County	h 12 noon	10	500-	0	0	h	2	Wind	Delaware (continue	and								Rehoboth cars were
	Scattered d	mage t	1500 egan ne	r Bl	ek R	ock Ca	mun1t	y extended about crohes of 3 houses		was		er and	extens	ivel	dam			a small airplane were other reports
	demolished,	4 berr	and ga	rage d	lestr	gred,	evera	barns and out- broken off.		01,	Titi danag	acro	is the a	cuce				
Pineapple Community,	4 Afterno		!			h.		Lightning	Florida 10 S Key West	08	1:06p							Funnel aloft (3)
Willow County	Lightning o	msed f	ire whi	dh des	troy		9 0. C	Wind	Chipley Washington Co.	15	12:05p	j _e	1.0	0	0	2	0	Torna do
Southeast Alabama	15 9:00 - 11:30a. Vind gusts	over 60	mob ec		-	l Line		1				roof	off co	nces	ion :	stand .	and kno	Chipley blowing cking a few signs
	in many are	u. In	Dothen	sever	al p	late g	ees a	understorms that ad utility lines indows demolished	Monticello			COWI	. Dama	ge at	out	" "	١.	
Bloomt County	25 3:00 p.		i		, O	4	٥	Tornado	Jefferson Co.	15	3:30p	High	winds	accon	pani	3 ngat	under	Wind Damage storm and funnel
	One house w	nroofed or dame	l, 2 oth	trees	mage	i, sev	eral f	erm buildings damage near road				Mont	icello	inclu	ding	\$2,00	dama:	inity of se in Jefferson nois ed heard
Forte make	from Clevel	i				1.						but	damage	attri	bute	l sole	y to l	iigh wind.
Heflia, Cleburne County		nel ski		ong te				Tornado pote. Path cut house moved	5 West Palm Beach	24	7:33a							Funnel aloft
		founds	tion and	dunre				s turned around,	Georgia Rome	4	1:15 p	1/2	Narrow	0	0	3	o	Tornado
Alaska										What	was descr ow path th	ibed s	s a ver a resid	y bri	efa 1 se	nd sma	1 tor	nado moved in a
Juneau	8-17 Severe winds scattered dam					f	lh anna'	lares The		were	ripped fi	om hou Animal	ses and swere	tree frigt	s we:	re ben land	cted	Some houses very strangely just
	blistering wi shipping wan caused power to the more s	nds ov	erturned dock, to	at l	east f roo	two tr	ailer broke	, dumped a windows and			re the ste r storm pa		• it i	ecame	ver	y stil	and o	quiet immediately
	caused power to the more s	failur helter	es. The	stat s of	e fer Auke	ry Wic	kersh ter a	m was moved lifeboat	Douglas	5	2:30 a	4	7 5	0	1	4	0	Tornado
	the dock.	nen wi	ng anow	aves	pusne	a the	DIE A	ssel against		clud	ing at lea	st 2 1	arge ch	icker	i hou	ses, w	re de	her buildings, in- nolished. Several homes damaged.
Anchorage	15 Burricane for	ce win	ds gusti	0 ng to	? 74 m	5 ph (ur	0 offic	Windstorm fally 104 mph),	North	8-9	, mees w	le upi		0	0	4	0	Ice Storm
	windows. Ter	ing, a small everal	planes telepho	were	g, br flipp d now	oke gl ed and er lin	part es we	ielly 104 mph), ors and ially re downed.										shrubbery and ge was relatively
	A number of c	nrmney.	s were s	wept	CTOM	LOOIL	ps.	Several		ligh	t and cons	isted	mainly	of ba	oken	tree	pranch	s which pulled ctrical service
Arizona		None	repor	ted							out for se est hit pl		hours i	n sor	e ar	as, W	th Atl	hens among the
Arkansas				1 1					Southern half	15	11:30 a- 2:30 p			0	3	5	0	Tornadoes, wind
Hollywood - Clark County	3 3130 р.	12	100 - 300		10	4	٥	Tornado										across the State,
	1 -1-4-4 2 -41		thuset n	f Holl	TUTOR	H and	contar	on county road		dama	ge was re	orted	in the	extre	me w	st ce	ptral i	. The first section shortly State. Wind
	northeastwa	rd cros	sing Hi	ghway lishe	26 a Ithe	bout 2	1/2 r of Jan	elles west of es Baker, Baker		in d	Eameter wa	s repo	rted ir	some	area	s. S	veral	from 3/4 to 1 inch small tornadoes
	continued of	n grou	nd damag of Holl	ing to	and	and c	into	njured. Tornado g Highway 53, the air just	Americus, 10 miles	were	observed		e are 1	isted	belo 1	w in	i	logical order. Tornado
	before read	hing H	khway 8	abou	t 7 m	iles n	orthwe	st of Arkadelphia.	east	A mo	bile home	that w	as beir	g tow	ed w	s blo	n on t	top of the truck
Perla - Hot Spring County	3 About 4:00 p.					4		Lightning		cab, dest	killing troyed. St	he dri orm mo	ver. I ved eas	rees tward	• erew	downe	l and a	a boat house was
-	the oldest	church	es in th	e are	a, wa	east s dest	side o	of Malvern, one of by fire when struck	Cochran	15	pm		Narrow	Ι.	0	4	0	Tornado
	by lightnin	g Sund	af ter	moon.						buil	of high s dings dams le reporte	ged.	At leas	t 35	tree:	down	in Co	lown off and other hran. Several
California Santa Rosa	12	1 -						Funnel cloud	Vidalia	15	1:20 p		ľ		1	4	0	Tornado
	No further	detail	s availa	ble.	005 6	r.4Tt/B	Lun	DY STOLE?		Seve	ral mobile	homes	overtu One	rned perso	and o	lemoli ured	hed.	Electric and ng glass. Golf
Colorado Custer County	15 9-10PM					4		Wind		ball	size hail in 2 minut	occur	red and	tem	erati	re re	orted	to have dropped
	Winds estimate building at	/estcli	ffe, and	Omph 1 caus	tore ed of	off ther s	ie roo catter	f of a school ed damage in the	Fitzgerald	15	ban	Short	Narrow	0	0	4	0	Tornado
	Wet Mountain									line	a downed.	A lun	ber she	d fro	n ho fla	ses a	d ele	ctric and telephone messes reported
Connecticut		None	repor	ed					Codmo	whir	ling cloud	on gr	ound. 50	0	0	Li.	0	Tornado
Delaware Most of State	Dec 31- Eve	ning- ernoon						Snow	Cairo				er and				i	shed, Small
	Snow totals	reached	four t	sev	ın in	ches e	kcept	in the extreme	Calling Water-11		el cloud o	bserve			0	4	0	Tornado
	official tot	al was	seven i	nches	at N	ewark (Univer	eported. Maximum sity Farm). Many te and city police.	Collins, Tattnall County	Unac		ile ho	me lift	ed or	er f			1 100 to 150 feet
	No serious i	njuries		dted.					03	and	demolished	. Bu	ldings	danag	ed.		0	
State	26 Afternoo			O 1th au	4	5 nnee 1	0	Wind	Glennville	A mo	1:40 p bile home	was or	100 erturne	0 d and	0 Ithe	roof	ofam	Tornado hrsing home was
	ed the state winds, marbl	and wa e size	a accom hail a	panie nd sha	l by irply	thunde dropp	ing te	ssure system, cross s, extremely high mperatures; also,		dama	ged. Toba	cco ba	rns and	seve	ral :	Large	chicke:	n houses demolished
<u> </u>	rain, sleet Base and the	and sno Greate	were Wilmi	report ngton	ed. Airp	Peak ort re	winds ached	at Dover Air Force 8 mph. About	Alma, near	15	2:00 p	Short	Narrow	0	0	4	0	Tornado
See reference		•	•	ąt Wij	llow ·	Grove	pear I	bver were demolished		i	ı	•				ı		1

Georgia (continued)	TIME - LOCAL STANDARD	1 -	ł	NO.	OF	ESTH	ATED†					Ţ		NO.	0E	ESTIM	ATENT	
Georgia (continued)		PATH	Į		SONS		ATED			'	TIME - LOCAL STANDARD	PATH	Ŧ	PERS		DAM		
Georgia (continued)	និង	1 T C	48	\Box				CHARACTER	DI + 65		ន្ទ	F (2)	A S					CHARACTER
Georgia (continued)	'A	토를	ARIA	اما	æ	ERT		OF \$TORM	PLACE		- (A)	뒫	AR	0	æ	ERT	ايرا	OF STORM
Georgia (continued)	TIME	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS			DATE	TAN	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	
	Q H S]]	*	-	<u>z</u>	<u></u>	0			۵	E- W		*	¥	_		٥	
1	1	1.	l)	J	Hawaii (continued)		l., .							
1	Mobile home Two Large c					mp amon	wrapp	ed around tree.	Kainaliu, Kona, Hawaii Island	28	Morning	. 2	100	0	0	3	0	Possible tornade
	15 2:15	- 1	100	0	4	4	0	Tornado										aris and Greenwel
	1	-		ļ.,						the	Paris Rano	h.	0 00 00					loor orr a mouse .
1	Several mob				and	· ·	Te STI	ghtly injured.	Kailua-Kona,	28	10:50 a.	1	100	0	4	6	0	Waterspout-
Stephens County	30 5:35	p Short	Narrow	0	6	L;	0	Tornado	Hawaii Island		!							Tornado
								2 brick homes		A 1a	rge waters	pout s	weeping	inte	Ka1	us Be	from	the ocean damage
ľ	and upsetti	ng 2 mou	Tre nom		Li.Jul.	res we	ге выл.	1		thro	ugh the do	wntown	busine	ss an	d ho	tel di	strict	f, and cut a swat of Keilua-Kons,
Hawaii			İ					İ		the	major reso	rt to	n on Ha	waii	Isla	nd's K	ma co	ast. The funnel cel, and a newly-
About 15 miles west of Honolulu Inter-	4 8:27 a 8:35 a							Funnel Cloud		comp	leted shop	ping n	all, de	molie	hed	the bu	llding	housing the post
national Airport,	and									into	a pancaki	-like	heap of	twi	ted	girder.	and o	er construction, concrete slabs, a
Oahu	8:49 a 9:04 a		,							dama The	ged a numi waterspout	er of then	cars, 2 moved u	serv palor	ice :	statio	e and	an auto center. ent project, dama
,	Funnel twic	e descen	ded from	and	reced	led in	to par	ent cumulus cloud		ing	40 units.	many d	f them	sever	ely,	and r	equiri	ng 79 residents t
0		feet, b	ase 2,50	0 fee	t) a	narr	ow cur	ed appendage about		1 re	quired hos	pitali	zation	Cor	Berv	tive	estima:	injured, of whom es placed the
			O GIBCEI	1		ment.	İ			dama	ge in exce	ss of	\$1.5 mf	lliot	•			
All Major Islands	5 Mornin	\$		0	0	4	3	Wind	Idaho	ľ	ł					ł		
								front and locally of Oahu and West	Bear Lake, Butte, Clark and Fremont	10	Afternoor			0	1	4	0	Blizzard
j.s	Kaual with	branches	and fal	len t	rees	unro	fed a	home in Kahaluu,	Counties		ing							.1
. [1	Island, dam	aged sar	an greer	house	s and	100	apaya	i; and, on Hawaii trees in Puna, and		traf	fic was st							ols. Highway educed visibilit
								gusts reached 78 he Marine Corps		and	slides.							
1	Air Station	, both o	n Oahu,	and 3	5 to	50 mpl	else	here. Hail was	Sandpoint, Bonner	14	PM	area	area	0	0	3	0	Heavy Snow
1	Kulaimano (upper Ha	nakua co	ast),	Hawa	11; a:	d occ	as dimes" at rred, also, at the	County									sed down snow re-
	City of Ref	ige and	elsewher	ne on	Hawa	i Isla	and's	ona coast.		mova clos		it and	brought	trar	врот	tation	to a !	halt. Schools
Keauhou, Kona, Island	6 Mornin	3		0	0	4	0	High Surf, Waves	Consequille Ideba	}	3:00 a.			0	0	3	0	Windstorm
of Hawaii; and Pokai Bay, Oahu	digh surf a	nd waves	generat	ed by	stor	nus no	th of	Hawaiian Islands	Grangeville, Idaho County	1		!					1	
I	Pokal Bay,	Oahu, an	d, on He	waii	Islar	d, fl	oded	3 small boats at rounds of Keauhou		Wind	for 2 hou	downers and	d trees	, uti	lity ion o	lines of Ida	and s	gns. Power out- 11 was damaged.
1	Beach Hotel	and fir	st floor	of B	ona \$	urf H	tel u	der construction, concrete boat at	McCall, Valley County	1	7:00 p.		١,	, ;		i	0	Snow load damag
. 1	Keei Beach.	1 p3-10	dr sroot	1	Caulic		anu a	concrete boat at	neoarr, varie, county	The	ll year of	d McCa	11-Donn	e11y	High	Schoo	gym	oof collapsed
South of Ewa Beach,	6 2:06 p							Funnel Cloud		71".	Snow los	id. 23 id was	of sn	ow ha	be 3	11en 1 8-42 1	th to	bring depth to
0ahu	2:26 p	,					1		Hailey, Blaine County	17	PM	! 		0	. 0	4	0	Snow load damag
	6 3:25 p							Funnel Cloud		Snow	loads cal	culate	d to be	40-€	0 16	. per	sq. f	ot collapsed a
Oahu	3:30 p	•	1	ļ						quor	set-type v	arenou	se valu	eo at		ì	l	torage building.
All Islands	15 Mornin	g		0	3	5	3	Winds, Rain	Coeur d'Alene, Kootenai County	21	AM		•	0	0	3	0	Blizzard
	Strong sout	hwest wi	rds in	dvan	e of	a col	fron	, and augmented by										effic, dropped fting snow close
1:	power lines	and tre	es were	down	d in	many	irens;	Oshu slone, where 28 homes, a class-			s and high		, 410 1	Thhe	uow.	n erBu	. 21	TITLING BIION CIOSE
	foot ironw	mory and od tree	i a ware	onto	dama;	ged in	Windw	ard Cahu; and a 40- o, injuring the 2	Benewah, Latah, Nez	21	PN	area	area	0	0	4	0	Windstorm
1,	occupants.	Lanai A	irport	was c	losed	down;	1 hom	roof-damaged on carpenter injured	Perce, Lewis and NW Idaho Counties									}
	by a flying	4 x 8∞f	foot ply	wood a	sheet	in Ka	anapal	, Maui, Peak										nd 64 mph at school closures,
	Kauai; 62 n	ph at Wh	neeler A	EB, O	oine, ahu.	Crops	suffe	h at Makaha Ridge, red bruising wind		rosc	blocks,	nd dan	age to					ow added to hazar
ļ	damage.		1							ous	driving co	nditio	ns.					
Whitmore Village Wahiawa, Oahu	27 11:55	P. 1-3/4	15-70	0	0	5	0	Probable Tornado	Illinois	Dat	a not rece	ived b	y publi	catio	n dea	dline.		1
	During stre	ng south	west wi	nds ar	d ra	n ass	ociate	with a cold front,	T 1'-			(1	1
I	apple field	and cut	a well-	defi	ned p	th no	theas	d ground in a pine- tward, smashed 3	Indiana North Western	26-	2	?	7	0	0	4	0	Wind, snow
ļ	quonset hut	warehou	ises, to	ne ou	t a B	etler	huildi	ng wall, and moved years old, and	Counties	27 The	northern 1	order	count i e	s fr	m La	ì	1	to Lagrange and
	mainly of v	rooden fr	ame sin	gle-w	dl1.	sheet	iron 1	oof construction, or were moved off		also	from Pula	ski es	stward	throu	gh K	•BCI US	to wen	hit by near hour, with gusts
		lations.	Tornado	evid	ences	inclu	uled je	t aircraft-like		to 5	l miles p	r hour	, resul	ted i	n po	or vis	bilit	as four inches
	their found							re hit, twisted scent houses differ-		were	reported	on son	e roads	inr	orth	easter	n St.	up to 10 feet oseph County.
	their found noises hear				dat 10	as. I	otal d	amage was estimated		Some	roads we	e also	blocke	d in	LaPo	te, E	lkhart	and Kosciusko d was reported
	their found noises hear pineapple I entially to	eaves, t	ff their	foun					1.			state	. Wind	ow br	eaka	e occ	rred	n Michigan City
	their found noises hear pineapple l entially to at over \$10	eaves, tristed of	ff their	foun			١.	l										
	their found noises hear pineapple I entially to	eaves, tristed of	f their	foun 0	0	6	4	Rain and Flood		and (Jay	South Bend County),	plate	glass w	indow	B ble	wn fr	om two	e: Portland buildings and
Mau1	their found noises hear pineapple I entially to at over \$10 28 Mornin Rain beginn	eaves, tristed of 00,000.	ff their	O of t	0 he 27	th, ac	compar	ring a passing cold		and (Jay tele	South Bend County), phone line	plate s dama	glass w ged; Sa	indow Tatos	в ble a (R	wn fr ndolp	om two	buildings and ty), power lines
Mau <u>í</u>	their found noises hear pineapple I entially to at over \$10 28 Mornin Rain beging front, caus homes, ston	eaves, to sisted of the control of t	morning	of the stream of	ns an ngs,	d dite damagi	compar hes to	ying a passing cold overflow, flooding s, eroding fields		and (Jay tele dama dama	South Bend County), phone line ged; Richarded an es	plate s dama nond (W imated	glass w ged; Sa ayne Co \$10,00	indow ratog unty) O; Ce	a (Ri nter	wn fr endolp of of ville	om two L Count Munici (Wayne	buildings and ty), power lines pal building County), power
Mau1	their found noises hear pineapple I pineapple I entially tr at over \$10 28 Mornin Rain beginn front, caus homes, ston and roads. Maui, where	eaves, to sisted of the contract of the contra	morning rwoirs, other b t hit we	of the stream of	ns an ngs, e Pai d 10	d dite damagi a and inches	compar hes to lug car Kihei with	ying a passing cold overflow, flooding s, eroding fields areas in Central peak intensities of		and (Jay tele dama dama and and	South Bend County), phone lind ged; Richa ged an est telephone another b	plate s dama nond (V timated lines	glass w ged; Sa layne Co \$10,00 downed; damage	indow tratog unty) O; Ce Dubl	s blo a (Ro nter in (1	wn fr mdolp of of ville Wayne	om two i Count Munici (Wayne County	buildings and ty), power lines pal building
Mauí.	their found noises heap pineapple 1 28 Mornin Rain beginn front, cau homes, stoj and roads. Mauf, where 2 inches of	eaves, to sisted of the contract of the contra	morning rvoirs, other b t hit we totals r	of the stream of	ns an ngs, e Pai d 10 ukuka	d dite damagi and inches	compar hes to ing car Kihei with	ying a passing cold overflow, flooding s, eroding fields areas in Central beak intensities of e were evacuated		and (Jay tele dama dama and and	South Bend County), phone line ged; Richa ged an es- telephone	plate s dama nond (V timated lines	glass w ged; Sa layne Co \$10,00 downed; damage	indow tratog unty) O; Ce Dubl	s blo a (Ro nter in (1	wn fr mdolp of of ville Wayne	om two i Count Munici (Wayne County	buildings and ty), power lines pal building County), power), one dwelling
Mau <u>í</u>	their found noises hear pineapple lentially trat over \$10 28 Mornin Rain beginn from , cau homes, storand roads. Mauf, where 2 inches on carried in lao Starried in the storage of the sto	eaves, to stand of the sed reserves, and Hardest estorm is more an itream over the out to the out t	morning rvoirs, other b t hit we totals a n hour. erflowed	of the stream of	ns an ngs, e Pai d 10 ukuka Paia 1, se	d dite damagi a and inches lo, 40 , 2 ve	compar hes to lug car Kihei with people hicles	ring a passing cold overflow, flooding s, eroding fields areas in Central peak intensities of e were evacuated and 2 cows were ent buildings were	Lowa	and (Jay tele dama dama and and	South Bend County), phone lind ged; Richa ged an est telephone another b	plate s dama nond (V timated lines	glass w ged; Sa layne Co \$10,00 downed; damage	indow tratog unty) O; Ce Dubl	s blo a (Ro nter in (1	wn fr mdolp of of ville Wayne	om two i Count Munici (Wayne County	buildings and ty), power lines pal building County), power), one dwelling
Mau1	their found noises hear pineapple lentially trat over \$10 at over	eaves, (visted of 0,000. 18 lins the sed reserves, and Hardes; estorm : more an iream over the control of the of	morning rvoirs, other b t hit we totals r n hour. erflowdt vere tr	of tistream uildire the ache At Pa At Kihe apped so hi	ngs, e Pai d 10 ukuka Paia i, se when t by	damagi a and inches lo, 40 , 2 veral a par scatte	comparines to ling car Kihel with peoplesicles aparts king a	ying a passing cold overflow, flooding s, eroding fields areas in Central peak intensities of e were evacuated and 2 cows were ent buildings were tra collapsed.	Iowa Statewide	and (Jay tele dama dama and and	South Bend County), phone line ged; Riche ged an es- telephone another be ler was de	plate s dama nond (V timated lines	glass w ged; Sa layne Co \$10,00 downed; damage	indow tratog unty) O; Ce Dubl	s blo a (Ro nter in (1	wn fr mdolp of of ville Wayne	om two i Count Munici (Wayne County	buildings and ty), power lines pal building County), power , one dwelling aty), house- Heavy snow-
Mauí.	their found moises hear pineapple entially tr at over \$10 28 Mornin Rain beginn to add to a	eaves, (visted of 0,000. It is the sed reserves, and Hardeste storm is more an iream ovice the orion to the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion the orion than the orion t	morning rvoirs, other b t hit we totals r n hour. erflowed cean. At were at l damage	of tistreau ildire the eache At Pa At Kihe apped so his wer	ngs, e Pai d 10 ukuka Paia i, se when t by e est	d dite damagi a and inches lo, 40 , 2 veral a par scatte	comparines to the target as with people included aparts cking aparts to establish t	ing a passing cold overflow, flooding s, eroding fields sreas in Central peak intensities of e were evacuated and 2 cows were ent buildings were tea collapsed.		and (Jay tele dame dame and and trai	South Bend County), phone line ped; Richa ged an es- telephone another be ler was de	plate s dama nond (v timatec lines uilding emolist	glass w ged; Sa ayne Co i \$10,00 downed; damage ed.	indow tratog unty) O; Ce Dubl d; Li	s blos (R. roset) (R.	wn fr mdolp of of ville Wayne (Uni	om two Count Sunici (Wayne County on Coun	buildings and ty), power lines pal building County), power , one dwelling tty), house- Heavy snow- storm and blizzard
Mau1	their foundals head pineapple is entially trat over \$1(28 Mornin front), cauchomes, stonand roads. Many when Iao Stearned in damaged am Rast and Wand washou which apprefacilities foundais provided the state of the	eaves, tristed of the control of the	morning rvoirs, other be totals r n hour. erflowed cean. At were tr were al l damage y \$250,0 ancane as	of tistreas wildire the eache At Pa . At . Kihe apped so his wer 100 wat pla	ms an ngs, e Pai d 10 ukuka Paia i, se when t by e est s to ntati	d dite damagi a and inches lo, 40 , 2 ver veral a par scatte imated fields	comparate to the state of the s	ring a passing cold overflow, flooding a, eroding fields areas in Central peak intensities of e were evacuated and 2 cows were ent buildings were rea collapsed. ooding, landslides, weed \$500,000, of		and (Jay tele dame dame and train	South Bend County), phone line ged; Richa ged an es- telephone another be ler was de	plate s dama mond (V timated lines uilding emolist	glass w ged; Sa ayne Co i \$10,00 downed; damage ed.	indoweratogunty) 10; Ce Dubl d; Li	s blos (R. ros nter in (I bert	mm fr mdolp of of ville ayne (Uni	om two Count Sunici Wayne County on Coun	buildings and y), power lines sal building County), power , one dwelling atty), house- Heavy snow- storm and blizzard to 20 inches
Mau <u>í</u>	their found on the principals of the principals of the principals of the principals of the principal of the	teaves, tristed of the control of th	morning rvoirs, other b t hit we totals r n hour. efflowed coan. At vere tr were al l damage y \$250,0 arcane a	of the stream of	ms anngs, e Pai d 10 ukuka Paia i, se when t by e est s to ntati	d dite damagi a and inches lo, 40 , 2 ver veral a par scatte imated fields	comparate to the state of the s	ring a passing cold overflow, flooding s, eroding fields sreas in Central peak intensities of e were evacuated and 2 cows were ent buildings were trea collapsed, oding, landslides, ded \$500,000, of thes and irrigation		and (Jay tele dame dame and trai 3-4 He we we	South Bend County), phone ling ged; Richaged an estelephone another baler was de avy snow re measu	plate s dame nond (Withmated lines silding molish falls red in	glass w ged; Sa ayne Co \$10,00 downed; damage ed.	indownratogunty) 0; Ce Dubl d; Li	nch	own fr mdolp of of ville wayne (Uni 6	om two Count Count Wayne County on Count Ocall untie	buildings and y), power lines eal building County), power , one dwelling aty), house- Heavy snow- storm and blizzard y to 20 inches s where amount ard proportion
Maui Honomalino Farma, South Kona, Mawaii	their found on the state of the	teaves, tristed oilo,000. 18 the sed reserves, and Hardeste storm is more an arresm over the oil 5 cars set Mauiss. Total oximately and sug, other crea, 1/5	morning rvoirs, other b hit we totals r n hour. efflowed can. At were at l damage y \$250,0 arcane a ops was	of to stream wild: re th eache At Pa Kine apped so his wer of was to pla 11ght	ms an ngs, e Pai d 10 ukuka Paia i, se when t by e est s to ntati	d dited damagi and inches lo, 40 2 veral a par scatte imsted fields ons ir	comparines to the state of the	ring a passing cold overflow, flooding s, eroding fields sreas in Central peak intensities of e were evacuated and 2 cows were ent buildings were rea collapsed. coding, landslides, ceed \$500,000, of thes and irrigation el and West Maui.	Statewide	and (Jay tele dame dame and trai 3-4 He we on ex	South Bend County), phone linu ged; Richiged an estelephone another biler was di er was di er measu re measu re less. the 4th ceeding	plate s dame nond (v imated lines silding emolish falls red in The as w \$0 mp	glass wged; Sadyne Col \$10,00 downed; damage ed.	indoweratogunty) 10; Ce Dubl d; Li but torm eache	nch the rea d 3	es, 1 NW co	om two County County on County on County on Countie this blis drop	buildings and ty), power lines hal building County), power , one dwelling nty), house- Heavy snow- storm and bllzzard to 20 inches where amount ard proportion h. with gusts wed into the
Maui Ronomalino Parma, South Kona, Hawaii Island	their found on the state of the	teaves, tristed of 100,000. 188 Interest and Hardest est and Hardest est and streem over the ori is cars set Mauf. 18. Total eximately and suggest the cross and suggest the cross at 1/5 aver been	morning rvoirs, other b thit we totals r n hour. efflowed can. At were al l damage y \$250,0 axcane a ops was 150 torns	of to stream wild: re th eache At Pa Kine apped so his wer of was to pla 11ght	ms an ngs, e Pai d 10 ukuka Paia i, se when t by e est s to ntati	d dited damagi and inches lo, 40 2 veral a par scatte imsted fields ons ir	comparines to the state of the	ring a passing cold overflow, flooding s, eroding fields sreas in Central peak intensities of e were evacuated and 2 cows were ent buildings were rea collapsed. ooding, landslides, deed \$500,000, of hes and irrigation al and West Maui.	Statewide	and (Jay tele dame dame and and trail 3-4 He we we on x su	South Bendy, phone linu ged; Richuged; Richuged an estelephone another but ler was devy snow re measure less, the 4th ceeding bzero ra	plate s dams and (V imated lines ilding emolish falls red in The as w: 50 mp;	glass wged; Saleyne Colored; Saleyne Colored; damage ed. of 10-1 all snows: inds retained Highwith Edition 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10-1 all Highwith 10	indoweratogunty) 0; Ce Dubl d; Li torm eache tem	nch the rea d 3	wn fr mdolp of of ville Wayne (Uni 6 es, 1 UW co ched tures clos	om two Countumici (Wayne County on Count untie blizz do mp dropped, t	buildings and ty), power lines eal building County), power , one dwelling nty), house- Heavy snow- storm and blizzard to 20 inches where amount ard proportion . with gusts

		· · · · · · · · · · · · · · · · · · ·			,										,				JANUARY 1971
		CAL	PATH	E		. OF SONS		ATED† IAGE				CAL	PATH	Į	NO. PERS		ESTIM. DAM	ATED† AGE	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
Kansas Northern one-third, western two-thirds	2 - 3				2	0	4	4	Blizzard, ice	Maryland (continue Northern half, includ- ing Washington, D. C. area	13-	Late afte			0	300+	5	0	Freezing rain, glaze
	bliz	was one of sard raged 30 to 50	over	nuch of	the	area	as sno	w, blo	years. A wing snow, tures in		A th	ick coatin	g of 1	ce on s	treet	s and	h1gh	ays, s	s a result of
	the drif	eens or 2 ed snow m	O's oc	curred.	Thr s imp	ee to	15 in	ches d	f badly	l .	dred	k of traff	ic acc	il dent s	resul	tsbedat	id more	than	ul activities. Uncounted hun- 300 persons were
1	Coun very	ies north severe we	east t	o Repub was als	lic a o rep	nd Wa	shingt in so	on Con uthwes	nties; tern Kansas		inju one cell	red. Scho hour late ed mail de	ols we in two liveri	re clos other es in c	ed on count ities	i the ies.	14th : The U	n 10 d S. 1 1timor	ounties and opened ost Office can- e and Frederick.
	agen	Ford Coun a, in nor ts 15 to 2	th cen	tral Ka	nsas,	rece	ived 1	5 inct	ard Counties.		The than	estimated \$35,000 i	cost o n sala	f melt ries al	opera one;	tions at th	by sa e heig	lt in ht of	Baltimore was more the ice atorm about
	Abou also	1500 mot snow-boun	orists d at H	were s ays, Li	trand beral	ed at	Russe orne,	11; tr Sabeth	avelers were a, and at		or n	trucks, ma o trouble	nned b was re	y about ported	300 with	men, ice	were a	on on	in the city. Little wires and trees.
	and:	t was sev	eral d	ays bef	ore a	ll ro	ads an	d scho	sed January 4, ols were open. ssell while	State, including Washington, D. C. area	26	Afternoon			0	4	5	0	Wind, hail
	Beek. Larn	ng shelte	r; a m	an died ated on	of e	крови ity 1	re 5 m ines f	iles s rom Je	outhwest of fferson County s and causing		the	state and	was ac	companí	ed by	thu	derst	rms, e	sure system, crossed extremely high
	some a re	line brea ult of th	ta. S e stori	cattere 1; hog	d, li losse	ght c	attle Washin	losses	occurred as		slee	t were rep	orted.	Winds	were	repo	rted i	กดลกร	so, rain, snow and places to have rea's first-order
	E111:	Counties	total	led sev	eral	hundr	ed.			'	Weat Airp	er Servic ort and 58	e stat mph a	ions we t Balti	re: 7 more	l mpl Frie	at Wa idship	shingt Inter	on D. C. National ational Airport.
Kentucky State	26				0	2	?	0	High winds		dama trai	ed; trees ers, incl	, tele uding	phone a tractor	nd po trai	wer lers	ines o	owned: vertu	y buildings were vehicles and ned. The Port
	esp	cially fr	om the	north	centr	al, B	ue Gra	ss, and	many points, northeast areas, lews and other		dama	e as the	worst"	in 10	years	." A	60-foc	t mobi	scribed the storm le home was lifted 15 feet away upside
	sou inj	rces. In ured on th	Mason e morn	County ing of	in no the 2	rthea 6th v	st Ker hen a	tucky school	two persons were bus was demolished	,	down old	and its s girl was b	ole oc lown i	cupant nto the	was i path	njure of a	d. At	Burk: In Wa	ttsville, a 12-year shington, D. C.
	the	driver's	seat. w of t	This w	repo	11owe	d by t indicat	he ove	o be thrown from rturning of the reliminary conclu-		rece Hail	ved minor to golf-b	injur all si	ies whe ze was	n her repor	car ted:	was st	ruck t	tree and a woman y a falling tree. area. Very high
	eve	r there we	re rep	orts;	of se	veral	mobil	e home	r in scope. How- s overturned; ouses and utility	Massachusetts	wind	continue	d into	the fo	llowi	ng da	у.		
	lin	es by fall	ing tr	ees; u	ilsce)	hane	ous dat	age or	er the State.	Northern and western	4-5	Freezing	rain c	aused v	O mys	0 Lippe	LA COL	0 dition	Claze s in many areas.
Washington County	30 Bet	a.m. ween midni	ght an	d l a.m	0 1 1 1 1 5	2 htni:	4 ng stri	0 ckal	Lightning ome near Kirkland.	State	14	mid-day Many area	s slip	pery fro	0 m fr	0 eezin	0 g rain	0	Glaze
	nin	and that	the o	ccupant	s nar	cow1	escal	ed who	red by the light- n flames enveloped n the house were	State	27	Scattered	wind o	i damage t	0 o tr	0 ess	4 nd uti	0 Lity 1	Wind ines and minor
	hos		due to	burns	and i	njuri	es fro	m fal:	ing debris. The			damage to	build	ngs. (usts	to 7	4 mph	report	ed at Chester.
Estill County	30	12:40 a	[0	0	3	0	Lightning	Michigan State-wide	3-				0	1	0	0	Wind, Heavy Snow
	tel Ave	ephone lir nue area c	es and E Irvi	cables	and	home:	cente	red m	uck electric and stly in the Grand s windows were										, fell in
	sha doo	ttered wit	h glas	s flyin telepho	g in	all o	direct:	ons,	ith damage also to ge estimates		24-	tour snow	fall	of 13	3 ir	nche	s. M	my h	ghways and Michigan were
Louisiana	ĺ	Data Del									inj	red her	shou	der a					A woman ainst a parked
Maine			•							Lower Peninsula	car 13	in Monro	pe Col	inty.	0	?	0	0	Ice Storm
State	4-5	Freezing	rain w	idespre	0 ad ir	ever	4 ring of	4th 1	Glaze, wind to morning of 5th.		Ice				t and	11	inch (reets, glazed injured in
		linch et S	hringt	teld.	Roads	l extr	emely	slinne	ton Lake and 0.4 ry with many acci- chools closed on k tree limbs, etc.		fal	s on the			/ BC	1001	s wer	clo	sed.
		5th. Ice Gusts to	loadi 50 mph	ng comb report	ined ed at	with Rumi	wind t	b bre	k tree limbs, etc.	State-wide	26- 27				1	?	4		Wind, Snow (Blizzard)
Maryland State and Washington,	Dec	31 - Late	ł						Snow		80	nph at Mo	nroe	clos	eđa	11 m	ajor 1	nighw	as high as ays, schools, eavy snow was
D. C. area, except southeast portion	Jan	early a		n n							rep	orted in at Pells	the I	Ipper I	eni " a	sul L Is	a with	12" 19. :	at Ironwood, Strong winds
	tota	s as much	as to	o feet	in w	ster	area	in 1	wstorm, gave ss than 24 hours.		win	dows. No	ar D	etroit	, а	90-£	oot p	olice	department
	coun	ties from	Freder	ick and	Mon	gome	y Cou	ties	thern tier of pestward; totals, and Garrett Countie	9.	a s	nall plan	e wa	s flip	ped (ıps i	de do	n by	the wind as it ne water in the
	The Serv	following ice static	are ex	treme t	otal:	for Pic	the s	orm a 22.5 i	recorded at Weather ches at Cumberland; he heaviest snowfall		Det	oit Riv	er up	stream	cau	sing	a dr	op of	a foot in the
!	1n w	estern Mai nches to 2	ryland Binch	since t	he si	orm	of Dec	ember south	28, 1967 when totals	,	the	Detroit	area	Tho	ısand	ds o	f cus	comer	Michigan and in Cadillac
	some	traveler	and n	otorist	s we	e de	layed	y the	warnings were time! heavy snow; however and injuries were	, ' [ove	of Has	lett I	Baptis	t Chi	ırch	, und	er co	ll was blown nstruction, f motorists
	much heav	smaller t	han wo	uld hav	ve be espon	n ex	for t	In e dea	Harford County, th of a woman who		wer man	e strande was four	ed in	the 8	to de	12 f 1th.	oot d He	rifts appar	. A Kalamazoo ently tried
Northern half	was 4	Morning	ann n l ar	ce was	ueia	ea 1	. reac	drug p	Rain, glaze		lea	st 4 dea	ths o	ccurre	d in	sto	rm-re	lated	stuck. At auto accidents.
									derable snowcover,		Pen	insula.	Exce	ssive	влож	clo	sed T	imber	n in the Upper lee Ski Lodge nal to be called
	the were	losing of	schoo ork as	ls and traffi	dela; c wa	ying s slo	school wed by	openi ice c	gs. Many persons enditions and by		off								
+	Coun		ardent s	, some	aine	ar fl	ood ing	was r	eported in Allegany	State-wide	29- 30				1	?	5	0	Wind, Snow

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JANUARY 1971 ESTIMATED! NO. OF PERSONS ESTIMATED! DAMAGE NO. OF PERSONS - LOCAL PATH TH OF PATH (YARDS) TIME - LOCAL STANDARD CHARACTER TH OF PA (YARDS) CHARACTER LENGTH OF F P (S PLACE PLACE PROPERTY PROPERTY LENGTH (MILE STORM INJURED STORM INJURED KILLED KILLED CROPS DATE CROPS Missouri Northern third of State Michigan (continued) Major highways again were blocked with show, stranding hundreds of motorists. A Romulus man was found frozen to death several days after leaving his stuck car and 10 4 Snow Snowfall totals of over 12 inches were accompanied by cold temperatures and strong winds which created near-blizzard conditions for much of the area. Numerous holling threellers were stranded. A zen was reported killed when he lost control of his car on an icy road. walking nearly 5 miles. Winds, caused power failures, damage to roofs, trees, and plate glass windows, were reported up to 61 mph at Detroit Metropolitan Airport. Snowdrifts, up to 12 feet, caused damage to road equipment bucking the packed snowbahks. 250 St. Louis A light freezing rain was blamed for a rash of accidents which left two dead and more than 250 injured. The deaths and the majority of the injured were the result of traffic accidents. Minnesota 0 5 0 Blizzard Southeast and the 0 12:00 p Southeast and the Southeastern Part of South Central Distric 12:00 r Strong winds with very heavy snows of 18 inches in Houston County that gradually decreased to the morthwest to less than 4 inches on a Fairmont-Faribault-Red Wing line. This daused blizzard conditions across the above area. The snowfall began near noon on Sunday the 3rd and continued until about noon the 4th. Most all roads and streets were blocked generally flow lare afternoon on the Fri into the 5th. All schools and most businesses were closed on the 4th and many on the 5th. Thousands of motorists were stranded through all parts of the area effected by the storm. Maximum winds recorded were: Ss mph at Fairmont, 40 mph at Austin and 42 mph at Rochester. Temperatures were generally in lower 20's and upper teens on the 3rd and gradually lowered to zero late on the 4th. One taxicab driver died due to a heart attack. Snow removal costs were high. Montana 2 An estimated 20 to 30 motor vehicles were involved in chain reaction accidents while driving in dense fog on snow covered Highway 200 hear Oyando. Flathead, Lincoln, Sanders, Lake Counties Approximately 12-20 inches of snow accommanied by strong winds, drifting and zero temperatures caused road closures and temporary isolation of communities. 0 0 Blizzard Liberty County Northwest and Southeast Districts to Early Morning A 53-year old man was found frozen to death in farm house seven miles south of Joulin. an unheated Strong winds with 2-4 inches of snowfall added to the heavy snow cover caused blizzard conditions in northwestern and southeastern part of the State. Maximum winds redorded were: 45 mph at Farge S5 mph at Rochester, 55 mph at Rollmandt and 50 mph at Farge Many roads were blocked and most schools closed during the day. During the early morning hours on the 30th a man and his wife in their 60's died from exposure about 1/4 mile from their stalled auto as they thied the walk to their farm haden near Frazee. The wind chill at Fargo weraged -40° to -45°F during the early morning on the 30th. Park County 21 Strong winds A mobile home was blown off the read and demolished by wind gusts to 50 m, p.h. while traveling along interstate 90 near Livingston. Glacier County 28 A mobile home was blown 20 feet and demolished by wind gusts estimated to 100 m.p.h. while parked off the highway near East Glacier. Mississippi Northern Two-Thirds 7-8

O O ? O Freezing Rain,
Sleet and snow or the 7th. Sleet and snow
Arrand at 9 a.m. extended E to Jackson and N to Greenwood; roads and
bridges had begun to freeze over. By noon it reached east central
Mississippi and later entered northern Mississippi. Snow depths of
one br more inches attended in a band from the sathern part of the
Lower Pelta Division east-mortheast across the nerthern part of the
Bast Central Invision. Snow accumulated to over four inches in the
Greenwood area. As the hazardost driving conditions spread, many
schools and businesses closed and most activities were brought to a
stanistill. On the 5th there was some freezing rain, sleet and
snow, Prinarnly due to hazardous driving conditions, most schools
remained closed, the state offices and many businesses were closed. 0 0 ? 0 Freezing Rain, Nebraska Southeastern Nebraska Mississippi 0 Λ Fog fog developed in many parts of the state. At times visibility educed making righway travel especially hazardous. Nevada was Northwest, Northeast Divisions AM-PM 0 0 0 Snowstorm, Wind 24 5:10 p. ? ? ? 0 0 ? 0 Hail

Thunderstour moved from WNM towards ESE. Hail about 5:10 p.m. 5:25 p.m. in several subdivisions S and SW of Vicksburg (lat. 32.3°
N, long, 90.0° W). Hail covered ground to a depth of 1 inch; stones averaged 1/h inch, largest 3/L inch.
first reported in a band acroes Cain Ridge Road, Hamilton Heights and B towards Bovina. Minor damage to trees and shrubbery noted, property damages estimated \$300-500. Later, a similar storm struck in the Jeff Davis community (8 of Vicksburg) where the heaviest concentrations of hail in the county were reported, 1 1/2 inches to 3 inches on ground; hail golf bell size was reported at 5:55 p.m. and some "almost as big as hen eggs" fell 6:00 p.m. - 6:15 p.m. No reports of major darage, some to auto glass and paint. Accompanying winds toppled two trees on dain Ridge Road; some wind damage reported in Jeff Davis community. 0 0 Hail 24 5:10 p. ? 0 Warren County A major enowstorm seept through northern Nevada with snow amounts to 40 inches in the mountains with lesser amounts in the valleys. Gusty surface winds up to 55 mlles per hour brought enowdrifts, some 3 feet deep, which made clearing difficult. Schools and major highways through the mountains were closed. Reno airport was temporarily closed. Long-time essidents describe the storm as being the "worst in 10 years." Freezing rain began in evening of 4th and continued into the 5th, causing very alipsery conditions. Schools closed in some areas on 5th due to the icy roads. New Hampshire State Schools closed in some 0 0 mid-day
Freezing rain caused slippery conditions in many areas. Southern Hinds County 6:30 p. Funnel Cloud Aloft While thunderstorms were noving eastward about he received public report at 6:30 p.m. of a finnel a Raymond and Terry (lat. 32.1° N long. 90.4° W) and home attributable to retary winds located. 40-45 m.p.h. police cloud between No damage reported New Jersey Heavy snow, especially over the northern third of the State, disrupted transportation and caused damage to trees and utility lines. Stom totals from 6 to 12 inches were common over northern countries, while from 2 to 4 inches fell near the Delaware Bay. Statewide 3 25 0 4 Hinds County 6:30 p.-0 0 Wind 24 6:30 p.- 3 25 0 0 4 0 Wind
6:15 p.

Storm moved from W towards E. Givil Defense noted straight line
wind damage in area on Kimtel Read near Midway (lat. 32.0° N, long.
89.97 W), about 22 SW Jackson, Entire roof lifted off small building housing a beagle training club; timber scattered over road.
High wind blay mobile home over; no injuries reported to 3 occupants
of mbile home; a few trees blown over. Two sheds destroyed.
Property damages estimated \$10,000. New Mexico 3-9
Extreme cold spell over the state from the 3rd to 9th, with lowest temperatures mostly on 6th and 7th. Record minimum temperatures at many central and northern mountain stations. Damage from frozen water pipes and systems in central New Mexico from Belen to Colorado border totalled an estimated \$2 million. More than 3000 locations had frozen pipes in Albuquerque. Many schools end offices were closed to conserve gas, and some communities in wicinity of Santa Fe ۰6

- 5 -

See reference notes at end of table.

	CAL	PATH	Ę). OF RSONS		ATEDI IAGE				CAL	PATH	Ę		OF SONS	ESTIM. DAM	ATED! AGE	
PLACE	DATE TIME - LOCAL	STANDARD LENGTH OF I	(MILES) WIDTH OF PATH	KILLED	NJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF 1 (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
New Mexico (contin				<u> </u>	- 	1 I	l	<u> </u>	North Carolina (con	ىب	ed)	<u>. </u>	<u>. </u>	L: 				
	were with	nt gas.	Some d	eciduo nimals	us fr	it tre	es wer	e damaged by cold.	Statewide	8-9	_	! !		1	0	5	0	Glazing
	were close	ed becaus	se of fr	ozen f	uel s	pply.												cted nearly all of
New York		.				l	ĺ											lin County as a re elated traffic acc
Extreme southeast	l a.m.						Ì	Snow										ts and falls on ic er and telephone
								avy wet snow in		of c	eanup con	sidera	ble in	nearl	y eve	гу соц	nty.	ere broken. Cost Heavlest damage in
	the lower	Hudson 1	7al lay a	nd Cat	ddll	regio	h. St	to 12 inches in reets and highways		sout	and cent	ral in	terior					Sandhills area.
	aidei rem	oval by 1	h1ghway	стемв.	Air	porta	lack o	serious drifting for about eight	Forsyth County	25	3a-noon		:	0	?	4	0.	Smog, glaze
	hours in	lew York	City ar	ea.	1	1	}	_		Heavy of pa	fog in a tients wi	pollu th res	ted atm pirator	bsphe y ail	re ca menta	used 1 at Wi	an und nston-	sually high number Salem hospitals.
Lake Ontario (eastern lee)	7							Snow	l		al weathe							ermined number of
								in the eastern	Statewide	26-			!			5	0	Winds
								ferson Counties ad school closures		30 Verv	windv wea	ther r	eaching	high	est s	peeds	from r	orthwesterly dire
	in Lewis :	and Jeff	erson Co	udties	w Wi	nds of	20 to	30 miles per hour rifting and near		tions	west por	tion o	£ 26th	and e	ast p	ortion	27th.	Highest winds re r Mountain report
	doned on	ollity a	long hig	hways.	. Noon	erous (ers s	alled and aban-	1	gust	to 120 m	iles p	er hour	. Ra	ther	windy	condit	ions continued rms moved through
State	26			T		4		Snow, wind, rain,)	the r	ortheaste	rn Uni	ted Sta	tes w	hile	pressu	re ren	ained high over t glazing fell by t
	28					-	ļ	lightning	Į.	thou	ands, cau	sing d	amage t	o pov	er ar	d tele	phone	lines, roofs and
	Preceded	y maild t	temperat	ures I	ear 4	о Р,	ight	rein and some		glass	blown do	wn. F	ire con	trol	hampe			walls and plate usually small in
	bitter co.	d Arctic	air, a	DOW AT	d gal	-force	wind	to all sections		any c	ne area,	but ve	ry wide	sprea	a.			
	teens or	older by	r midnig	ht and	l to n	ear 5°	by su	ed to the mid arise on 27th.	Cumberland, Johnston,		4-9pm					4	0	Hail, wind, elec
	enoviall (of 6 to 1	L8 Linche	s brou	ght s	vere 1	reather	to western, cen-	Macon and Wake Countie					Ĺ				
	the Lake (intario p	lain to	the 9	t. La	rence	and o	prevailed across intral Mohawk Val-		a fev	places.	Light	hing di	sable	dar	adio s	tation	inor wind damage in Macon County.
	leys through the to the leys to 20 :	ighthe a inches co	7th and ontimed	until in th	earl	on 20	th. I	he 28th, however.			t to g in Counties.		niamete	rep	prtec	in G	mberla	nd, Johnston and
	Blowing a	low, serv	vieibi	lity 6	nd dr	ifting	kept	nost major and I sections except	Scotland County	31	3 am					4	0	Electrical
	southeast	ern New I	ork whe	re cor	ditio	da were	Bomer	t to the Penn.		Home	burned by	light	hing in	Laur	el Hi	11.		
	border in	Chautauc	pae Coun	ty. H	lundre	a of c	ars w	re stalled and ections, especial-	North Dakota			None	report	ed				
l l	ly from Wo	coning ar	nd Penes	ee Cou	nties	east t	o Heri	imer County in the	North Dakota			,	, open					
	fatalitie	s. Scho	ols, mos	t lindi	istrie	a and	busine	ss establishments ne-half of the up-	_Ohio Northern Half	13-	2:00a-		l	3	270	5		Freezing rain
	state Cou	nties.	In Hambu	rg 801	ne 20	cars w	ere da	naged by large d large sign at	NOT CHOTA MALE	14	1:00a			-				
	Wellsvill	e, overt	urned ci	nder i	block	rall 1	n Buff	alo and collapsed dow smashed in		Mos	areas	north	of a	Dayt	on t	Col	umbus	to Youngstown The freezing
	motel at	Syraquee	. Many	commun	nities	repor	ted po	wer and telephone	1	rai	began o	early	on th	e 13	th a	nd fe	ll in	termittently
	skillis so	uth to L	ong Isla	and bu	t wind	ib gust	ing to	h Valley and Cat-		of	he free:	zing	rain p	cke	up	duri	ng th	the intensity e evening hours
	chill ind	ex on 27	th near	-30 i	New	Tork C	ity an	wer failures. Wind		the	ground.	The	ice s	torm	res	ulted	in 3	of ice covered deaths (two in
	moderated	on 28th	. Light	ining :	report	ed in	perty s	tions generally reas from Buffalo		fic	acciden	ts.	Clevel	and	boli	ce re	porte	than 850 traf 1 400 traffic
	Syracuse	area wer	e knocke	d out	of or	eratio	n. No	ger Lakes and tably low baro-		acc:	dents t	ied u	þ traf	fic	veen For	a hal	and f hou	PM. Some rormore. Mos
	metric pr with mini	essure o mun pres	bserved sure (co	durin orrect	g stor	n pass sea le	age or	26th or early 27th n the range of 976			ols were	e c10	sed.		Ì			
	to 982 mb	s.				ļ			Entire State	26	Most of day			0	73	6		Wind and snow
State, except ex- treme southeast	29- a.m. 30th a.m		.	1		4	ļ	Snow, wind		Hig	winds	vith	genera	1 gu	sts	of 45	to 7) miles per hou
	1 1	ì	all ear	lv on	29th 1	ollowe	d by f	ast moving, in-	,	(A Ash	peak gus (abula.)	caus	98 mph ed wid	was	rep ead	orted damag	by a	freighter off he strong winds
	tense sto	rm from	west by	eveni	ng res	nited	in sec	ond period of snowbelt and ad-		fol	lowed a	cold	front	₩hic	h pa	ssed	thru	the State during from about 40°
	jacent ar	eas of w	estern,	centr	al and	north	ern Ne	b to 55 mph., and		to i	ear 20°	f in	about	2-ho	urs.	Sno	and and	wind were ma. Thirteen
	blowing s	now. N.	Y, Thr	way c	løsed	from F	enn. t	order east to Utica rendered hazard-		per	ons wer	e inj	ured i	þ th	is c	hain	accid	ent. Most es of snow but
	ms. if t	ot impas	sable.	by dri	fting	and fr	equent	zero visibility. hautauqua, Cattar-		up '	to 12 in	ches	fell i	h th	e no	rthea	st.	Drifts as high e night in an
	angus and	Erié Co	unties (east t	o Jefi	erson,	Oswe	o, Oneida, Herk-		Ash	abula C	φυπτυ	Schoo	1.	The	high	vinds	blew down a causing \$75,00
	stalled o	n drifte	d road :	in Cat	taran	gbs Cou	inty.	monoride when car		dam	age. Th	.ousan	₫s of	home	s an	d Եu₋	lding	s were damaged
	plus vide	lv skatt	ered po	wer li	nes.	Browte	all of	tertown Airport 12 to more than 20		win	d's forc	e occ	urred	in I	bled	b whe	re a	example of the
	closings	in sever	al affe	cted c	ounti	es. Sr	pwral.	totals of 6 to 10		tre	es, and	mroug windo	n a ca ws wer	e co	nasn	vict	ims o	lity lines, f the strong
	and lin ea	st centr	al high	Lands	and M	ohawk T	Jalley	n lee of Lake Erie but amounts de-		win						_		
	tions. I	ow haron	etric o	ressur	e acci	panie	d sto	northeastern sec-	Scattered Areas	30	After- noon-				6	5		Wind and snow
	with mini porting :	mum read stations,	lings 97 , includ	to 5 ing Ne	w Yor	s. (sea	level) at several re-		{	morning	1	1			}	}	
Manth Carella			1							lin	es, and	cause	d misc	ella	neo	s pro	perty	and utility damage over
North Carolina arnett County	5 3:3	Dam 1	150 b	0	0	5	0	Tornado		muc	h of Sta	ite.	Damage	was	mos	t co	mon i	n the northern reported wind
	Two build	ings of	Anderson	Creek	Scho	ol sev	erely	damaged. Two barns		of		per	hour.					the gusty
	destroyed southwest	, farm h	ome and	severa	il out	pu11di	ngs da	maged. Moved from				["						
Durham, Lee, Montgom-	5 mor	ning			İ	4	0	Rain	Oklahoma Panhandle and Extreme	2-	p.m.,			0	0	0	0	Snow
	1 1		1	-	1		J		Northwest area	14	2nd -	1	1	1	1	1	1	
ry, Transylvania and	Flash flo	oding in	several	areas	dama	ged st	пеесз,	basements and homes	1	ļ	p.m.,	i	1	ł	i i			

	Ą.		РАТН	_	NO. 0			ATED†				AL	РАТН	_	NO. PERS		ESTIMA DAMA		
	8	STANDARD		WIDTH OF PATH (YARDS)	FERS	UNS	UAM	HOL.	CHARACTER			TIME - LOCAL STANDARD	4 4	WIDTH OF PATH (YARDS)	H	30165		400	CHARACTER
PLACE	י	DAR	TH OF	P 88	ू	ല	RTY		OF STORM	PLACE		DAR	LENGTH OF	P. P.		ا ۾	RTY		OF STORM
	DATE	LAN	LENGTH (ES	KILLED	NJUREC	PROPERTI	CROPS			DATE	LAN	158	1 E E	KILLED	NJURED	PROPERT	CROPS	
	3 6	Ω i	13	≥	⊽	ž	7	Ū			۵	H 90	13] -	⊒	ž	ă	ס	
Oklahoma (continue			l	ļ	Ll.			4,,,,,,,,	La +ha usaha :ac	Oregon (continued				ĺ	1.1		[
	the 2nd.	and '	hy the	evening	of th	he 3	rd an	beetei	ng the night of al 3 to 6 inches										Oregon coast and e entire Oregon
	of snow western	had f Woodwa	allen ard Co	in the l	anhand to the	eas	n الله snoرt,	ufall	Harper, and averaged around were reported	1									in damages occur- than 200 homes,
	1 inch.	Unof: Kans	ficial as line	measure in the	ments	up ral	to 12 Panhan	inches	were reported Snow drifts up to		busi	ness and	ndust	lal but	lding	s rec	eived	major	damage. Numerous
	8 feet m	ade r	oads i	mpassabl	e and	str	anded	severa	Snow drifts up to I hundred pads to thaw		to o	ccupants.	A nu	mber of	large	barr	s were	blown	down or severely
	enough f	or tr	evel to	resume	. "	70	, «110	r	Jaco Co Gilar		than	1400 tele	ephone	and 210	00 ele	ctric	al out	ages 1	destroyed. More resulted from broke
Near Hennessey,	3 Earl	y a.m.	1	7	0	1	4	0	Wind	1									days in limited ed roofs, windows
Kingfisher County	Strong.	strai	ght win	nd over	urned	and	destr	oyed o	ne mobile home and		and	signs alor	ng the	coast,	More	than	ι 80 mi	llion	board feet of tim- n Clatsop County
	damaged	three	other	s. One	man wa	as i	njured	•			show	ed a high	perce	ntage of	f tree	s bro	ken of	f abor	e ground, thus re-
3SW Marietta, Love County	3 7:	05 a.	**150	50	0	0	4	0	Wind		exce	eded 50 m	h thr	dughout	the d	ntire	perio	d with	National Weather
lieve councy	Astrong	, stra	ight v	ind est	imated	dat	80 to	100 M	PH overturned a		Serv	ice office	es and	ELEVAT	1 1	ASTES	7		winds as follows: XIMUM
	home, A	grain	d binde	er was a	lso ov	vert	rned :	and th	amage to a nearby ree turnips were			TATION ria WSO	ļ	(FT. MS		MILE	TIN 11:57		GUST TIME 80 11:45,11:56pm
	pulled f		e gro	und. Ci	vil De	efent	se said	d ther	e was no funnel		Newp	ort WSO	1	10		68	10:54	m	
Northeast Half of	13 a	.m.			2	0	1	10	Ice			brt WSO FICIAL STA	ATIONS		nour	ly av	erage	54 mpi	ending 2:00am Few times mid-
State	1 1		and di	mizzle o	1	haza	rdous	drivi	ng conditions over		Laur	el Mountai		3740					81 night2:30am 86 ? pm
	the hort	heast	half o	of the S	tate f	for	evera.	1 hour	on the morning			Hebo Rada	Stat	ion 315	3		10:00		141 10:00pm
	vehicle .	accide	ents.	Two lar	ge ser	ni-ti	ailer	truck	number of multi-							92	11:00 12:00	id	122 11:00pm 122 12:00mid
	killed i	er iui nati	mpike wo-truc	ck colli	sion c	was on I	40, n	ar Sh	other driver was							104		m	164 1:00am 175 1:45am
Oregon																92 127	2:00s		166 2:00am 138 3:00am
Western Third of State		days			0	1	5	0	Snow							127 58	4:00s 5:00s		147 4:00am 112 5:00am
	14										Cane	Blanco		211		81 s v t ma	6:00s		111 6:00am urable of 115 mph
	totals o	£ snov	for	ost com	muniti	ies d	f the	weste	provided daily on one-third of		-	Ì		observ	ved se	versi	times	betwe	en 10:00pm3:30am tower at this
									ng hours of the in the Willamette		moun	tain top 1	lbcati	on risir	ig abo	ve th			e and located
	and Sout	hwesta 12 ii	ern va. nches i	lleys, u	p to 3	3 inc	hes a	long t	e south coast locations as the	Umatilla County	15	miles eas 2:00am-	40	*10	1 !	0		5	Wind
	West Hil	ls of	Portla	and, Ast	отіа І	Expet	iment	Stati	on and other lower s while the Coast			4:00pm				Ů	7	_	wing.
	Range ga	ined a	an inc	rease of	24 do	36	inche	s, Sn	wfall turned to to 15 degrees and		Bris	k souther	y win	s were	exper	ience	dalor	g a 10	-mile wide belt
	brisk so	uther	ly wind	ds retur	ned.	Tree	s load	ded wi	th snow produced elephone lines		INING	и овшате ма	as ore	atest 11	n the	PILAT	Rock	9789 1	gs area. Scattered here seven ranches
	which ca	used s	scatte	red serv	dice du	utage	s. A	colla	psed barn at										chine shop, a s damaged. One
	collapse	danı	ursery	shadeho	use.	At Sa	lem a	50 by	ow at Corvallis 260-foot quanset		2:00	am when hi	is ane	ck obser	hit i	norri ts ma	cial g	usts o	Some \$75.000
	storage.	Five	e lane:	s at a F	orest	Grov	e bow	ling a	and a camper in lley were damaged										Mountains. The om its 25-foot
	where a	50 by	180-f	oot sect	ion of	f fla	t roo	coll.	ccurred at Salem apsed at a large		ITOWE	r at Spour	ti Snri	nios. Ma	abri mom	i wind	TROOT	ded of	Dendleton nimose
	shopping lady rec	cente eived	minor	Mission injury,	and 25 High	5th S hways	treet were	SE.	Only one sales	La Grande, Union	15	Morning		Ţ ,	0	0	4	0	Wind
1									and highways near snowfall, thus	County	1	1	halia	L				1	}
	rush-hou	r trai	ffic m	oved at	a snai	il's	pace v	here :	ossible. Exten- tomobile accidents.		floo	r wall of	a pre	viously	burne	d out	build	ing.	a collapsing third One man walking
	An airli	ner 72	27 lanc	ding at	Port La	and I	ntern	tiona	Airport became		side	of the bu	ildin	escaped g as ton	injur is of	y by brick	pressi and s	ng hiz tone f	One man walking self against the ell to the sidewall
	runway d							f the			and	cuit alea	Crush.	ing five	cars	park	ed at	the cu	rb.
Western One-Third of		days	300	*130	0	0	5	0	Rain	Malheur County	16- 20	All days	100	*50	0	0	3	0	Rain
State	18			L							Snow	melt on th	ne Owyl	nee Moun	tains	was	accele	rated	by mild tempera-
	ern Oreg	on fol	llowed	on the	heels	of f	our p	eviou	riod across west- days of snowfall		old	s and more Owyhee res	than	an inch r was fi	of r	ain d for t	uring he fir	the pe	riod. The 35-year
	which ha	d blar w cove	nketed er and	the cos	stal a	and to	alley low in	areas	with a 6 to 12 oothills. Signifi-		IL 100	ding of lo	w ran	ch land	below	l Owyhi	ee Dam	Cause	d several ranchere
	cant sno	wmelt	on the	15th a	long w	rith	4 to 5	inch	s of rain through ast Range of north-		wasn	ea out a t	"AMMOR'S	itv hrid	DO ST	ATAC	k thu	r ieal	er of Jordan River
	west Ore	gon to	rise	above f	lood s	stage	by ea	rly o	the 16th.		1971	issue of	11 H 2 GR	18V 95.	tour 1	at les	to the	B CAULT	h. See January y for details on
	totaled	4 to 6	inche	s in th	e vall	leys	and 8	to 11	the State inches in the		1100	ding.							
	foothill: on the l	s and 7th ar	mounta nd 18th	ains. H	eavies used a	st ra	ins of	6 to	8 inches occurred	Joseph 55W, Wallowa County	16	Late pm			0	0	3	0	Rain
	Crater La caused 4	ake Pa to S	days o	adquarte of flood	rs. T ing al	The c long	ombine the Co	d rain	s and rumoff River and 2 to 3		Mode	rate rain	on mou	ntain s	nowpa	ck ca	used a	huge	snow slide in Hur- nite Creek. The
	days of	flood	stage	on the	Umpqua	a and	Rogue	Rive	s. An early les east of Oak-		Bira	which blabout 500	ocked	the roa	d in	the c	anyon	floor	nite Creek. The was 50-60 feet deep
	ridge and	d wash	ed out	a sect	ion of	ES.H	. 58.	A dos	ble trailer tanker ver escaped injury.		and	about 500	reet :	¥1038.					
	Details of Climatolo	on flo	oding	are ava	ilable	in!	the Ja	nuary	1971 issue of	Steens Mountains, Harney County	1	Afternoon	1		0	0	2	0	Wind and Ice
Joseph-Prairie Creek,			1					_	w_ ,		Moun	tain cause	eda4	inch bu	i ldup	of t	ime ic	е оп а	tions atop Steens 30 by 30-foot
Wallowa County		,14th- ,15th	9	*5	0	0	3	0	Wind		radi	b-telephor	ne ref	lector.	The	loss	in tel	.ephone	service was felt his was the first
	Locally s	trong	wind	conditi	ons pr	evai	led ac	ross t	his leeward area		such	icing pro	oblem	in the	year	s the	refle	ctor I	ad been in use.
	of the Wa and drift	illowa ing o	Mount of snow	ains. that h	The sm ad fal	ali len	amount previo	of sr usly t	ow with the storm	The Dalles area,	21	9:58am-	6	*2	1	2		0	Wind
	in the Up	per P	rairie	Creek	area w	ith	drifts	up to	4 feet deep. 0 mph with strong-	Wasco County		12:58pm			•	-	1	٠	- ALIN
	est perio	d aro	und 4a	ψa. An	umber	of H	omes s	ustain	ed roof damage A lawn shed was										les area along the
)	blown awa	y and	many	other o	utbuil	ding	s dama	ged.	n 1awn Sned Was		area	, wind ob:	servat	ions fro	n the	Dall	esport	, Wasi	nt through the ington FAA Flight
Coastal Area West of	14- 10pm	.14th-	300	•10	١	0	6	6	Wind		Serv		dn (lo	cated 1.	3 mil	es no	rth-no		t of The Dalles
Coast Range	15 6:30			-	$ $		•				1		F	i		- 1	1		
	I '			1	\ '	1)										

			T	_	_									_					JANUARY 1971
	'	1∄	PATH	١_				ATED†				ą.	Ŧ	i _		OF	ESTIM		
	ŀ	TIME - LOCAL STANDARD	ă.	WIDTH OF PATH (YARDS)	PER	SONS	DAN	IAGE	CHARACTER			TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	PER	SONS	DAM	AGE	CHARACTER
PLACE		ARI	LENGTH OF (MILES)	F S		_	⊭		OF	PLACE		ARD ARD	E S	F SOS		_			0F
	۱	m g	5₹	₹ ₹	a	INJURED	PROPERTY	ν.	STORM		ا سا	m Ř	55	33	8	INJURED	PROPERTY	r l	STORM
	DATE	STA	Ä	9	KILLED	3	2	CROPS	1	'	DATE	FIM	ŭ,	5	KILLED	3	Ş.	CROPS	
			<u></u>	1-	드	<u> - </u>			<u>. </u>	<u> </u>		L	L						<u> </u>
Oregon (continued)	1	1	l w	ind) Wi	nd Sp	eed (i	moh)	l 1	Pennsylvania (conti	nued Loccu) Fred to a	home r	orth of	Yark	Spr	inas a	nd to	rees and trans-
1		Time		ction		1-Min	ute A		Gusts		form	ers throug	hout 1	he Wolf	Hili	and	Casht	wn are	ea. 70-miles per
	1	9:58am 10:44am		290 290			17 peak	ust	35 58										operty damage land Valley, over-
	ł	10:58am	1	300			30		40	•	turn	ing house-	traile	rs, unr	oofir	g bu	lding	, top	oling trees and
	1	11:40am 11:58am		290			peak 1	ust	60 52										A tractor
1	-	11:58am 12:58pm		310 310			29 23		46										Maryland-Pennsyl- ast 3 falling
	1.			l				,	6 Y 90N	•	tree	s ripped o	own po	wer lir	es ir	the	Blue	Ridge :	ummit, Hades
	A mo	bile home t I mile	northw	st of T	in the	alles	Downd	aporte	f Interstate 80N blown over the										toppled from its Three trailers
	medi	an barrie	and:	into the	west	bound	lane:	s. Th	mobile home		were	toppled i	n the	Pleasar	t Ha	1 are	ea and	2 tra	lers suffered
	cras	hed head-	dn into	a truc	k var	kill:	ing a	passe	nger in the cab n its side injuring		heav	y damage o	n the	Iron Br	idge their	Road	A W	oman a	hd her daughter Thomas was
	its	driver.	Signs :	and roof	s wer	re dans	aged :	and a	few trees blown		over	turned by	winds.	In Ch	ambe	sbur	a la	rge pl	ate glass window
		at The D ings and							ose from its	·	blew	in at a d	isplay	room.	At 1	he C	hamber	burg .	airport a civil air A TV antenna atop
	MOOL	rugs and	Overtu	med It	BL D	Tiesp	ort a	rport			the	VFW home i	n Merc	ersburg	was	blow	h thro	igh th	roof causing
Northern Coast of	22-	All days	140	*40	0	0	6	0	Rain		exte	nsive dama	ge.						
State	25	•								Eastern Pennsylvania	26				0	15	5	5	Wind, lightning,
	Dai1	y rains o	1 to	3 inche	s cor	tinue	d alor	g the	northern coast of	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			ĺ						snow
İ	Oreg	on provid	ing 4-0	day tota	ls of	7.00	to 11	1.50 i	ches. Previous		In M	yerstown.	Lebano	n Count	y, ti	e st	eel ro	of of	a welding shop was
1									the early part of Numerous loca-		ripp	ed off by	winds.	The c	verh	ad g	arage	door a	nd part of the
	tion	s in Linc	oln, T	i 11 amook	d, Cla	tsop	and Co	lumbi:	counties reported !										ing. Damages of bunty were
	four	Blides co	wering	roads,	rail	tracks	s and	MOVIN	homes from their demolished or		est i	mated at S	\$8,000.	As a	resu	t of	these	accid	ents which
	heav	ily damag	ed in A	storia	where	stree	ets,	sewers	and water mains		occu	rred late	after	oon and	at	lusk	pers	ons had	d to be treated at ng their front
	were	also rup	tured l	y slidi	ing so	ils.		İ			door	s and the	wind p	ulled t	hem	o th	grou	nd, A	man was injured in
. On miffin			None	report	lad.			1			Ches	ter when a	car	oor sla	mmed	into	him,	Trees	were uprooted, one nother one fell
Pacific		ļ	моне	report	eu	1 1													arby apartment
Pennsylvania	1		1	ĺ				1			bu i l	ding. In	Tinic	m the v	inds	whis	ked a	ar fr	om the street to a
Western Pennsylvania	26				2	11	5	5	Blizzard, wind,		fram	es was cau	aht by	winds	and b	lown	into	the op	lle home steel posite lane. A
				ļ				l	lightning		semi	oil tank	traile	r was f	orce	off	the h	ghway	as a result of
	Half	of the so	reen c	fadří	ve-in	theat	er wa	s blow	n down near		Bove	roadblock	k. Two	large	plate e bla	gla wn i	ss sho	wroom i shatte	windows in red. A number of
	Reave	r Falls	Beaver	· County	l in	the is	same a	irea da	mage to a shopping [tree	s were fe	led in	Blooms	burg	Col	umbia	County	and throughout
	winde	r Sign Wa	roof w	mated a mere des	t 500	d. Ro	evera ower	ines v	plate glass ere down through-		the	area, and	a mob	le home	was	blow	n over	while	in transit. 3 on Route 15 one-
	out 1	he county	and t	rees up	roote	d in s	evera	plac	es. At Erie		half	mile west	t of W	st Milt	on de	iring	a bli	nding	snows torm.
	Inter	national	Airpor	t, Alle	gheny he 26	Airli th. M	ines d	ance!	ed all its schools were		Anot	her person	was	njured	in a	thre	-car	crash	just north of the
	close	d in Frie	Count	w. Icv	stre	ets an	nd cau	inty ro	ads in north-		thun	t misnap. der-lighta	ning ar	d snow	storr	whi	ch occ	urred	,000. During a simultaneously in
	west	rn Pennsy	lvania	caused	a ra	sh of	accid	ents.	Some roads were lines were		Luze	rne County	, ligi	tning s	truck	ka p	ower 1	ine in	Hazleton at
	dene	al. Abou	ut 3 mi	les wes	t of	Connea	utvil	le on	Route 420 a woman										byed a display the Hazleton
	died	in her ca	ras i	t becam	e stu	ck in	a sno	wdrift	. Another death		Muni	cipal Airg	ort.	The roo	f of	a fe	ed mil	in W	illiamsport was
	east	red in a of Kinzua	neac~o a∣Dam i	h Warre	n Cou	nty or	n Rout	e 59.	snow squall just Estimated wind		hvna	ed off by ss near la	high v	rinds.	z car	s we	re blo	vn off olumbi	the road on the a home and another
<u> </u>	damar	e to the	boreer	nofad	lkive-	lin the	eater	on Roi	te 6 was \$15,000.		was	uprooted :	nappi	g off (elept	one	vires	n its	fall while a
	lturne	d it over	rl. Lia	ıhtnina	was t	ihe calu	use of	a fii	hen a gust of wind e which heavily		larg	e plate g	ass w	ndow wa	s sha	tter	ed by	the wi	nd at an auto acture of the left
	damad	ed the sa	anctuar	yofa	churc	h in L	Lucino	la, Ver	ango County. At		shou	lder and	acera	ion of	the 1	Foreh	ead wh	en a s	trong wind caused
	Alleg	heny Cour	nty Air	portwi 12 othe	nds c r bui	ivertur Idinas	rned a	he Gre	te plane and ater Pittsburgh				r bala	nce on	the	lipp	ery si	dewalk	and hurled her to
	Airpo	þrt. At '	least l) perso	ns we	re inj	jured	by fly	ing debris in the		Ι.	ground.					_		
	Pitt	burgh are	ea. In	McKees	port	reside	ents 1	aced t	he falling e glass window was	Statewide	27		}		0	5	5	0	Snowstorm, winds
	knoci	ed out at	t a dow	ntown s	tore,	anda	e rest	auran	sign along Route		Peak	winds of	60 mpl	were r	epor	ed a	t the	rie A	rport, Schools
1	30 W	s toppled	d. Lar	ge plat Burrel	e gla	ss wir	ndows Fannir	were a	lso destroyed in strong County, a		lwere	l closed in	n Elk.	Cameror	. Er	le, W	brren,	Jerre	rson, Clearfield, ripped from its
	mobi	e home wa	as comp	letely	demol	ished	by wi	nds.	The roof of a		moor	ing lines	and to	ppled i	nto 4	cre	ek nea	Empo	rium in Cameron
	doub	le house	in Wayr	esburg,	Gree	ne Cou	unty, obe a	was b	own off. Power Westmoreland		Coun	ty. In ea	stern	Pennsy	vani:	sim skid	ilar w ded on	inds w	ere reported. A evement near
	Coun	v. A hea	avv que	t of wi	ind b1	lew out	t the	alass	on the front door		Nant	icoke, Lu	erne	ounty a	nd s	amme	into	a pol	e. 5 children
	lof a	laundrom	at in E	irownsvi	lie,	Favett	te Coi	inty.	In the Dry Tavern trailer was blown		requ	ired hosp	taliz	tion.	In Co	ntre	Count	y abou	e. 5 children t one-half mile d-blown piece of
	off.	a power	iure	Jocean	- w		. 1001] " "			l tin	caused a	I-car ∣	tallisia	n du	rina	the ev	ening	nours, vamages
Cantes Dance	1		1		0	,	6	5	Blizzard, wind		were	set at \$	1,400.	A hous	e-tra	ailer	was d	emolis	hed in Alexandria
Central Pennsylvania	26			1	້			1	ĺ í		'n [#]	un tingdon	Lount	" '	Αυ		an e		ed loss of \$4,500.
	In C	entre Cou	nty bli	zzard c	ond i t	ions	existe	d as	temperatures	Centre County	29			'	0	3	4	0	Snowstorm
									the ground. A parking lot near		A «-	owstorm t	State	Colle	ie cai	used	10 tra	ffic a	ccidents resulting
	Port	Matilda,	Two r	ew mobi	le ho	mes pa	arked	on lo	ts in Buffalo Run		in i	njury to	wome	and to	tal	damag	e of \$	5,350.	
1		1.	4	1 .		1 .		مد ما	garage under con-		}	ļ					[1	<u> </u>
1	stru	tion alo	ng old	Route 2	2/20 at	out o	ne-ha	if mili	e east of Milesburg	Puerto Rico			None	report	ed				İ
	occu	rred beca	use of	road co	nd i t	ons.	Powe	inte	e east of Milesburg or accidents fruptions were Valley areas Bellefonte, and	Rhada Islam J	1	1		L					
	spot	ty with t	He Mili	brook-L	emont	and	Bald I	Eagle	Valley areas	Rhode Island			None	report	ea				
										South Carolina	[ĺ	1						İ
	on R	oute 35 i	Juni	ta Cour	ty, a	nd in	the	ame a	rea a portion of on a car. A food	Northwest part of		Late			0	0	4	4	Freezing rain
	the	roof was	tlown o	east of	qail b fi Mifi	jarn ål	nd dra wn sii	opped ffered	on a car. A tood damage when the	state		afternoon to early	1				l		
	wind	blew in	2 large	plate	glass	wind	ows.	Windo	damage when the ws were also blown le in Mifflin		ŀ	porning.							
	in a	t Lewisto	wn and	Honumer	nt Squ	are.	At B	ellevi	lle in Mifflin		ļ.		L	l	14		[anagetor amount
	A pi	be in the	sprint	kler sys	stem v	as bro	oken	result	plant was damaged. Ing in water		ence	countles i d moderate	icin	due to	free	zine	rain.	Afer	encaster experi-
	Idama	be inside	the p	Nant. V	inds	gusti	ng to	61 mp	h were reported at		acci	dents res	dlted 1	ut in a	ener	D ENO	st roa	ds wer	not covered with
	the	Harrisbur	g Airpo	ort. Ir e withou	n Bedi ut no	ord (ounty rabo	nomes at an	in the Everett to hour. The Bedford		ice.	Damage :	das mo:	tly to	tree:	and	other	veget:	ation which had on utility lines
1											did	considera	le da	age in	meny	area	j		
1	fron	t wall of	a tru	dking ga	rage	lalong	Mile	Level	was toppied by roof was blown off	Audaman Onurt			1		0	١.		0	Thunderstorms,
1	20 m	wings at inutes la	ter.	ections	of	he Ey	erett	Sport	was toppied by roof was blown off smen's clubhouse tornado-like winds, Route 16, near \$10,000. Winds n Arendtsville and	Anderson County	30	6:00 p.			١	4	4	້	high winds, hail.
	roof	were dis	lodged	and car	fried Her w	some	dista	oce by	tornado-like winds. Route 16. near		u:	udad		me ha		4		hand Talda	ngs, knocked down
	Zora	. The lo	ss of	the tra	ler	as es	timat	d at	\$10,000. Winds		tree	s, demoli	shed to	o house	trai	lers	and u	roofe	another small
†	blew	half of	stee	roof	ff a	large	barn	betwe	en Arendtsville and Wind damage		dwel	ling plac	abou	8 mile	s WN	of	nders	on. O	another small
Con madernation is	McKn	ightstown	with a	an estin	ηated	damag	e of	000, اچ	wind damage	I	over	several	ųimes 1	qith thi	ee pe	eop1e	1n it	4 A Y	oung wife was
See reference note	s at	end of	table							_									

JANUARY 1971

	 	1		_	-	Γ		· · · · · · · · · · · · · · · · · · ·		1			r	_		1		JANUARY 1971
	3CAL	PATH	Ę		OF SONS		ATEDI AGE				CAL	PATH	Ę		OF SONS		MTED†	
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH	WIDTH OF PATH (YARDS)	KILED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
South Carolina (co		lred b	t her)	husbar	d and	haby	were	inhurt except for	Utah	3-7				0	0	5	0	Sub-Zero
	scratches and it and they w	bruise ere in:	s. The	e othe light]	r tra v as	iler a	lso h	d three persons in led over. The	Salt Lake, Davis, Weber, Cache and Piute Counties	Sev	ral days	of sub	zero t	emner	ature	s fro	70	temperatures
	3 miles, nort	heast d	f the	dind d	anag (. Ha:	il siz	Springs about as exceeded 12	Trace oparities	wat	rmains, o	verhea Lake	d fire	prote	ection	spri	kler	
	fused togethe	r. The	re was	anoth	er at	ea of	wind	to 12 small ones damage about 3		Dam	ge estima tion at K	tes ex	ceeded n in Pi	0,00 ute 0	O do	llars.	In	
	in, a drive-i	n movie	scree	n was	f111	d wit	hole	uilding was blown and signs and		of and	eral days ermains, o es in Salt age estima tion at K 55 familie broke a m er line.	s the	sub-zer da hal	o ten	pera	ures	froze unitv	
	light structu							o some scattered inderson City		wat 10	r line. to 15 thou	Replac	ement o	osts	are e	stima	ted at	
Lee County	30 8:15 p.			0	0	2	٥	Thunderstorms,	Logan Canyon	13-1	}			0	0	5	0	Snow slides
200 004109	Gusty winds,	ain a	d badl	1				hail.	and Wasatch mountains	Hea Was	y accumul tch mount	ation	of snow	in t	he no	rther	n Warm	,
	Damage was li	ght alt	though 1	hail 1	e11 ¢	ver a	fairl	large area. Some		wea	her to pr areas.	oduce	snow sl	des	or a	alanc	des in	
Chester County	30 7:30 p.			0	0	5	0	Thunderstorms,		whe Bes	e 22 slid des block	es occ ing th	urred i e main	h a t highw	wo-da vay in	y per seve	iod. ral	
		Ì						high winds.		Log	as one des an City Wa	troyed ter De	protect partmen	ting t and	Sheds anot	of ther d	he enol-	
	High winds ac	ester (ounty	but ti	e ma	or da	a scat	s to an industrial ction of roof was		can	d several	l dama	r homes ge was	in a	nated	in ex	ess	
	ripped off by	winds	and ra	in da	aged	the i	nterio	•		of	0,000 dol	lars.						
South Dakota		None	repor	ted		ļ			Salt Lake, Davis and Weber Counties					0	,	5	0	Fog and black i
Tennessee			İ	İ				·		Den fre	se fog and ways prod	a coa	ting of	blac of a	k ice	on t	he	
State	8-9 Afternoor to early a			0	0	0	0	Glaze, snow		acc	idents whi injured we	ch inv	plved 5) to	75 ca	rs.	Sever-	
	I was multi-out day of		lidenta	lan a	1	mande	I hard b	rately or together Lighways except		fat	alities we	re rep	brted.	Dama	age es	timat	es	Ì
	Snowfall total	ern Te Is ran	nnessee ged fro	where	pre 3 i	cipita nches	tion i	fell mostly as rain. Teatest amounts in	Vermont					}	}			
	higher elevations acc	nons a dents	nd more occurre	east	a Va	bcales nderbi	. Nun	fill mostly as rain. reatest amounts in erous highway versity student was		4-5	Freezing	roin f	rom eve	0	0	0	O	Glaze n of 5th caused
7	1 . 1	lled b	or a car		0	,	1					регу с	pnditio	as in				e schools closed
East State	18-19			1	li	1	0	Glaze and fog area. Numerous	T T. 1.	1 .	1	1						
	highway accid	lents r	esulted	from	skid	ding o	r poor	visibility.	Virgin Islands			None	report	ea				
Manchester, Coffee County	22 8:45 р.л			0	0	4	0	Wind	Virginia South	8,9				0	0	0		Glaze
-	High winds de power lines	stroye und upr	d garag	e, da	naged 1 lar	house ge tre	and I	large barn, broke			zing rain	was o	pserved	at m		locati		
10 NNW Chattanooga,							١.			Ric	mond~Lync							
Hamilton County	Mostly pea-st	1		L°.	0	0	0	Hail	North	13,1				0	0	0	0	Glaze
Johnson County	nosuly pea-s.	rae nan	Jours	0	0	5		High wind			zing rain mond-Char				dany 1	locati	ons nor	th of a
voilable country	1 1	rinds	eaused	wides		1		_	State	26	All Day			0	23	5	0	Wind
	power lines. winds comple	Heavi	est dam	nage o	ccurr Rain	ed in bow Pr	Mount Lzery	mage to trees and in City where high Tobacco Packing		Hig	gusty wi	nds pr O mile	evailed s per h	over	the Dame	state se wa	with p	eak gusts ranging pread with
	apparently of	may 42 courred	when t	the hi	gh wi	was e	ised	the roof from the		hun	reds of t	rees d	owned a	nd th	busar	da wi	th bran	ches and tops lines causing
	building. Mo	obile h	u¢nne o⊽e	erturn	¢d an	pi ano	her s	mashed into a second										st of a minor y the wind
Kingsport,	26			0	2	5	0	Wind		cau	ing small	fires	Nume	rous	vehic	les w	ere dan	occasionally aged by trees
Sullivan								officially reported		los	ng their	oofs	and sev	era1	nobil	Le hona	es were	maged mainly by damaged or
Chattanooga,	at 60 mph.		11202	0	ĺ.	?	0	Hail		des	royed alm	ost ev	erywher	e in	the s	tate.	No fa	amaged or talities occurred Damage to sheds
Hamilton County	-	ĺ	diamete			١.	les no	th of Chattanooga		and	outbuildi	ngs, r	ofing,	fenc	es, t	rees	and shr	ubbery, trash car ented or publicia
	Airport and of Airport.	golf ba	l-size	hail	stone	s repo	rted	miles northwest		wou		o man	thous	ands	of do	llars	. A mo	re detailed
Texas Texas Panhandle	3 9:35 a			0	,	Ė	,	Blizzard					*	-	1 .			k, Williamsburg,
	11:40 р		1							Nor	olk had t	rees o	n them	and m	any a	ore w	ere dan	n. A few cars in aged by debris.
	suffering of	lives	thock in	the	Pexag	Panha	ndle.	considerable Worst conditions		dam	ge due to	roofi	ng from	a co	merc	ial b	ullding	amsburg had . The George P.
	hour was rec	f the	Canadia at the	n Riv Natio	er. 1 mal W	wind eather	speed Servi	of 37 miles per ce at Amarillo		win	prevente	clos	ere. A	n amb	1ano	e on i	Interst	hours as the ate 64 was hit
	before the a	Alth	dugh ca	ttle :	losse	s were	not e	rtreme, ranchers		per	on in Suf	olk w	es inju	red b	y f13	ing g	lass.	slightly, One Two TV stations power failure.
	Total losses	of car	ng up s title an	d hog	onici die	to su	wed tocat	he storm south.		A m.	n experim	enting	with a	para	chute	in N	rfolk	had to be rescue eral barges and
	during the b	lizzar the 5+	d. Low	est to	emper ith	tures	durin	es of snow fell the cold spell as on the 5th, 500 motorists		othe	r ships bi d by the (oke 1 oast (ose or	drag The	ged t	heir a missio	chors	and had to be craft carrier
	and -12°F at	Sunra d in D	y on th	e 6th	An	estim	ated 1	500 motorists		Leyi	e on the I ially grou	appah nded.	nnock One wa	iver	was a g	turned arage	aroun collap	by the wind and ed in Norfolk.
Southeast Texas	7			0	0	?	0	Ice storm		The	roof decki	ng fr	a the I	1111	amsbu	g Pot	tery S	op was picked
	Light freezi	ng rain	n fell	throu	ghout	south	easter	n Texas, icing	<u> </u>	Rich	mond, Pete	rsbur	, Hoper	ell .	Area	Thou	sands	vere without
	Houston and	ds and the Bea	utilit -aumont	y line Grange	-Por	areas t Arth	most a ur tri	ffected were		occi	rred in Ri	chmon	and to	o in	the	Peters	burg a	x injuries ea. A woman and
	go without h	marts leat, 1	off Hous ights a	nd wa	d Hai er fo	rris C or abo	ounty ut sev	where forced to		on t	heir car.	A wa	ll of a	car 1	w ash	compar	y in R	hen a tree fell chmond collapsed
	power failur Jefferson Co	es. A unty A	t the N	iation:	1 Wea	ather	\$ervic	e Office at om 30° to 33°F		was	injured by	flyi	g glas	fro	ola v	acant	buildi	coman in Richmond ng. Hundreds
	most of the tes at end o	day.	i]		1	I	1		and	interrupt:	ng ut	lity s	rvic	e. M	any bu	llding	ers and houses, s lost roofing

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														_					JANUARY 1971
		'VT	РАТН	I	NO. PERS		ESTIMA DAMA					'AL	РАТН	I	NO. PER	OF SONS	ESTIM/ DAM		
PLACE		TIME - LOCAL STANDARD	9 8	WIDTH OF PATH (YARDS)					CHARACTER	PLACE		TIME - LOCAL STANDARD	S) P,	WIDTH OF PATH (YARDS)					CHARACTER DE
PLACE		2 - ADA	F	ARE	_e	B	ERT	s	OF STORM	PLACE		Z -	TH.	Y AR	ا ۾	e	ERT		STORM
	DATE	rim STA?	LENGTH OF 1 (MILES)	Ē,	KILLED	INJURED	PROPERTY	CROPS			DATE	TIM	LENGTH OF (MILES)	TO!	KILLED	NJURED	PROPERTY	CROPS	
V::-:			L	<u> </u>	L	ت.				Washington (andia			لـــــا			لت			
Virginia (continued	and	the roof	f the	new cit	y hal	1 in	Richme	nd lo	t building	Washington (contin	land	now in mo	untain	s. Num	erous	aval	anches	in m	untains. Four
	mate radi	rials which	h dama off t	ged 6 c	ars. The	scr	er fail	the P	azs Drive-in ortles fell off		otev	ens rass w	ere ae	stroyed	loy a	n ava	ranche	on 2	a ski area near th. Flooding along
	la tr	uck with a	it leas	t one b	OFFIG	. smaş	ining p	ne wit	ottles fell off dshield of a		seve:	al rivers	in we	stern W	ashin	gton	last c	f mon	h.
	stat	ion wagon	headir	g in th	е орр	osite	dire	tion.		West Virginia		İ							
	Culp	eper, Fred	ericks ower i	burg Ar	ea -	At le Two	ast 5	000ele	ctric customers es were downed	Morgantown, Monongalia County	26 Ligh	3 a.m.	a spec	cial an	0 tenna	0 aton	3 South	0 Park	Lightning Hill and knocked
	on s	ervice ros	ds in	the nat	ional	par	at F	ederi	ksburg. The own in. Several		out	the mobile	e commi	micati	ns s	/stem	of ra	dio st	ation WJAR. her lightning or
	tree	s fell in	Freder	icksbur	g blo	ckin	stree	ts, d	maging cars and		free	zing rain	damag	d thei	tow	r ne	ar the	Cheat	River.
	Cent	er at Corl	in was	blown	off.	A g	neral	store	Geomagnetic at Granite Springs	Statewide		8-12 a.m.	front	nackad	0 With	0 rare	5 Winter	O rtime	Windstorm thunderstorms and
	A hu	gh metal	and gla	ss sigr	at B	ucke	sville	on Re	electric wires. oute 29 fell and		ligh	tning roa	red ac	ross We	st Vi	rgini	a in t	he ear	ly morning hours
		ged a trac			l í		1				dayt	reak stron	ng gus	ting wi	ids d	id da	nage s	tatewi	de estimated at
	Dany	ille area.	Larg	e glass	wind	ows 🛊	vere bt	oken,	ed by trees in the traffic lights		75 n	ph at Mar	tinsbu	rg. Li	sted l	elow	are t	he mai	n damage reports
	util	ity lines	were d	owned.	One	mobil	le home	: was	stroyed and overturned		dama	ges during	g const	truction	pha	ses o	f nume	rous j	obs throughout the
	powe	r lines i	the I	ynchbui	g are	а. 🛊	Severa	plate	were downed on glass windows		or b	roken lim	os. Ir	h Hunti	gton	alon	e, pow	er con	ed by falling trees pany officials said
	and teac	heon sign: her injure	were	broken. knees	when	ree knoc	ell or	the gi	. A school ound by the wind.		omer	s. At lea	ast a c	dozen m	bile	home	s thro	ughout	ecting 3700 cust- the State were
	An 8	vear old	man re	ceived	a fra	ctur	ed hip	when a	n door slammed sh school were		topp	led off the ripped 2	neir fo 500 squ	pundati uare fe	ons.	In M	organt off t	own, a he tal	t 8:30 a.m. the L Engineering
	brok	en. Thre	e wall	ofa	large	bui1	ding u	nder c	onstruction in		Scie	nces Build y building	ding of	n WVU's ne near	Evan by Un	dale ivers	Campu ity fa	s, and	also damaged a ommercial green-
							severe	cut o	n the elbow from		hous	es along t	the Mon	iongahe.	la Ri	ærw)	ere da	naged	and some flowers reported their
	brok	en window	glass	at Mon	roe J	. ні	gh Sch	ool 1n	Roanoke. Part on Interstate 581.		425-	foot tower	had	collaps	d.	[n. Wh	eeling	a 3-7	par old furniture om its brick
	A 14	rge truck	ata	varehou:	e wa	ove	rturne	i. A	wall toppled on and gravel of a		moor	ing. At F	Juntin	gton si	t-foo	wav	es on	the Oh	io River swamped ns. At Barbours-
	car	body shop	was 1	ifted b	the	wind	damag	ing so	me vehicles with indows. The		vill	e, near H	nting	ton, the	wind	i ble	w the	7-year	old roof from an severe windstorm
	Gran	d Piano F	urnitu	re stor	losi	two	large	windo	ws with damage		ever	roared at	tross I	Inion it	h the	shell	tered	southe	astern part of the Spangler, Union's
		m was sev				reen	נט בוע	z nee	Hi Theater in		weat	her woman	for m	uny year	rs, d	clar	ed thi	s was	the worst wind she
	Radi	ord, Chri	stians	burg, B	lacks	urg	Area -	The r	oof of the		An a	pple tree	in he	yard 1	ras b	Lown	down,	blocki	ng her driveway.
	Radi	ord Furni	ture S	tore ha	d a 1	rge	window	broke	g a car. The n. Electric	Wisconsin						1			
I	tele	vision co	mpany 1	was blo	n of	ар	ole an	i inju	ee of a cable red. A trailer	Entire State	3-4				0	٥	6	0	Snow storm, Lightning
:	stri	king his	head a	nd was	trans	erre	d to t	he hos	Blacksburg fell pital for observa-		Heav sout	y snowsto: heast to s	m with	snowf	ll r	ngin Long	g from Line f	7 inc	hes in extreme Crosse to Marinette
	Ho1i	day Inn o	n Rout	e 460 s	outh	of Bl	acksbu	rg was	oof of the new damaged. Doors,		then	tapering	off to	an in	h or	so i	n extr	eme no	rthwest corner of on ground caused
	ins	orth Blac	ksburg	were d	amage	l, on	e comp	letely	damage. Two cars , when a burned		roof	damage ar	d col	apses	o no	int a	cross	state.	Several deaths Michael's Church
		mobile ho Kroger St							ass windows at		at W		iestro	ed by	ire				mpanying storm
	Bris	tol, Abin	gdon A	rea - 0:	ne pe	son	was in	jured	from a fall in	Entire State	25-	Night			0	0	5	0	Blizzard
	were	demolish	ed and	the pl	ouse ate g	lass	const	of th	n in Abingdon e Abingdon Motor		26 Bliz	_	tions	durine	nigh	acr	oss en	tire s	tate. Worst in
		any was b										ern Wiscor							
	egui	pment bui	iding :	near the	e West	: Vir	ginia	border	hester and a farm	Entire State	29 Bliz	pm zard condi	tions	starti	5 ng no:	15 rth e	6 arlv i	0 n the	Blizzerd day and reaching
	Cour	ty Motors	were	broken.	A h	use	traile	r was	ar and Clarke overturned		a pe	ak during	late a	fterno	n and	l eve	ning h	ours.	Thousands of lities, 100 cars
	was	overturne	at H	ighview	cont	inin	g an o	ccupan	, and another one t who was unhurt.		invo	lved in to	o pile	ups ne	r Hu	lson.	4 16.	lled i	n traffic mishaps
	were	shattere	d in P	ark Vie	w and	E1kt	on, T	hree h	Some glass doors ouse trailers in				ļ '						
	peop	le who we	re inj	ured sl	ight1	/· 1	wo nea	rly co	taining four mpleted apartment	Wyoming			None	report	lea				
	wit	the wall	s twis	ted. A	pick	up t	uck w	s pic	ne and the other	* Miles instead	of 3	ards.							}
	ish	ed with a	second	barn 1	osing	its	roof.	A ho	completely demol- ise trailer was motel in New	 Includes crop C Crop damage. 	dama	ge.							
	Mar	ket was de	stroye	d. A 1	arge	poult	ry ho	se was	unroofed 5 miles			placed i	n cat	egorie	es va	ryir	g fro	m 1	to 9 as follows:
	sta	tion in Ha	rrisor	burg wa	s des	troy	d. T	e root	vehicle examining of the Front town garage.	2 \$50 to \$500 3 \$500 to \$5,	1								
	The	metal roo	f of t	he Worl	d Pen	taco	tal C	urch s	south of Woodstock papel Church west	4 \$5,000 to \$ 5 \$50,000 to	50,0	000							
	of	Luray, A	Mt. (liston	the t	oof 1	as to	n off	a livestock shed	6 \$500,000 to 7 \$5,000,000	to \$	50,000,0	00						
	The	ater on Ro	ute 34	0 was d	amage	d wit	h sect	ions r	North Drive-In	8 \$50,000,000 9 \$500,000,00				00.					
	0ne	traffic a	ccider	t 4 mil	es so	uth (f Gree	nville	and Fairfield.										
	sec	ond story	wall u	nder co	nstru	ction	at th	e Alle	A section of a ghany County	Note: This public due to the difficu									
	gla	ss window	was kr	ngton w	ut on	Map	e Aver	ue and	i. One plate Lone house lost its	it is not all-incl ried in the June a	usiv	e, Dela	yed d	lata ar	od co	rrec	tions	wil	
•	chi	nney.								SUBSCRIPTION PRICE									ns \$1.50
Washington	14-				1		5		Wind and snow	domestic, \$2.00 fo able to the Superi	reig	n. Chec	ks an	d mone	y or	ders	shou	ild b	e made pay-
Entire State	15	winds are	hear	nrecin		on he			now and turning to	ence regarding sub Documents, Governm	scri	ptions s	hould	l be se	ent t	o "S	Superi	inten	dent of
	rain	in lowlar erty. One	ds cau	sed num	erous	powe	r fail	ures a	nd damage to other	•									
West of Cascades	22- 26	ity, one	Perso	[4	6	5		Wind, rain & snow					U	SCOM	M-NO	AA-ASI	HEVIL	LE-3/3/71-1275
	Stro	ng winds o	n seve	ral day	s as	eath	er sys	tems m	oved inland caused vy rain in lowlands										
	powe	+ rariure;	1 autu G	amage t	א סרט	r h	oper ty	. 1168	., roin in lowlands										

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See reference notes at end of table: