STORM DATA



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC CENTER, ASHEVILLE, NORTH

CAROLINA 28801."

DIRECTOR NATIONAL CLIMATIC CENTER

| PLACE ALABAMA Statewide | DATE | TIME - LOCAL STANDARD | S) PATH | ₹୭ | | 1 | | | | | . | | | | | | | | |
|-------------------------|----------------|--|------------------------------|----------------------------|------------------------|-----------------|--------------------------|------------------|--|---|---------------|---|---------------------------|--------------------------|---------------|---------------|------------------|------------------|--|
| | 1 - 1 | TIME | LENGTH OF (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | CHARACTER OF STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | CHARACTER OF STORM |
| Statewide | | | | | | i : | j ¦ | | | ALASKA North Gulf Coast | 13 | | | | 2 | 0 | 4 | 0 | Eigh wind and |
| | 12-1 | Eve- Aftn | | | 1 | ? | 9 | 9 | Hurricane Frederic | NOTER GULL GOASE | 13 | | | | | | , , | | rough seas |
| | On the | le night o Le Bay are | f Sept | ember 1 | 2-13, | Huri | icane | Frede: | ric struck the | | Alas | ka early | n Sep | . 13. | Wind | s ind | reased | from | ast in the Gulf o minimum gales to southeast winds |
| | ward on ti | through e le 13th. | astern The ey | Misais e of th | sippi e hur | and ricar | wester e pass | n Alal ed ov | ama into Tennessee r Dauphin Island | | bu11 50-f | t up 20-f oot barge | ot se with | is in the | ne wa of f | ters ish w | of the | North hored | Gulf Coast, A a short distance |
| | The | enter pro | reeded | onan | brth | norti | west t | rack | pm and 11 pm. into extreme near the Alabama- | | on t | he evenin | g of t | ne 13th | see | king | protec | tion f | t of Cape Yakatas rom the weather. |
| | Miss | ssippi bo | rder, | gradual | ից եպ | rnin | to a | north | northeast course essee during the | • | down | into the | Gulf | of Alas | ka ani | d rar | agrou | nd on | d the barge drift a sand bar just o ed overboard and |
| | afte | moon of t | he 13t | h. | | | | | | | lost | | ough s | as whi | h sw | ept c | ver th | e barg | e and quickly |
| | gust | to 145 m | ph rec | orded a | t the | СНИ | N stat | ion or | rce winds with the Dauphin Island Sea Lab | ARIZONA | 13 | 8:00 p. | ļ | | 0 | | 5 | 4 | Wind, Hail, Rai |
| | wind | was 63 mp | hatt | he Nati | bna1 | Weatl | er Sei | tvice (| served sustained office in Mobile, | Yuma County | 1 : | _ | to 60 | m.p.h. | | | | !! | |
| | of h | rricane f | orce a | s the c | enter | move | d nort | hward | gusts in excess east of Meridian, urring near the | | \$160 also | ,000 damad were trai local floc | e to a lers, | school roofs, | roos sheds | und , po | er con wer li | struct nes an | erstorm did ion. Damaged i trees. There |
| | cent | rasit p | assed | into Te | nness | ee. | | | | Willcox | | Evening | u uana | ye anu | 0 | | 4 | 0 | Wind |
| | with | the highe | st at | Gulf Sh | ores | and a | long | he nor | Alabama coast th end of Mobile and and 9 feet | Cochise County | | | | | | | | | rig collided with |
| | at Ba | iyou La Ba | tre. į | | | | | | | Tucson | li | 6:30 p. | | | ٥ | | 5 | 0 | Wind |
| | Isla | d Sea Lab | , An | FAA emp | loyee | made | an u | offici | the Dauphin al report of center, but | Pima County | Wind | s gusting | to 60 | - 70 m | p.h. | duri | hg a s | evere | thunderstorm ses, damaged |
| | this Serv | pressure ce office | is bel at Me | ieved t ridian, | o be Miss | too l issip | ow. pi re | The Nat | ional Weather a pressure of | | carp larg | orts, shed e trees an | s, siq d slar | ns, tra med the | iler m on | o ho | wned puses a | pwer 1 nd veh | lnes and uprooted icles. Three |
| Statewide | Raini | inches, all of 8- | 10 inc | nes occ | i orred | alor | g the | Icoast | near and just | | off! | to about | 8000 \$ | omes. | A 25 | ft. | water | slide | power was cut , three stories sed into a |
| | west 3-6 : | of the ce nches wer | nter. e obse | After rved ne | Frede br an | ric r dal | oved 1 ittle | mland, west o | amounts of f the storm's | | | ing lot. | | ļ | ļ | | | | |
| | eastv | ard from eastern A | Missis: the tra labama | sippi a ack wit Floo | nd Al h amo hing | unts essoc | . Kai genera iated | 11y le with s | diminished ss than 2 inches torm rainfall | Yuma Yuma County | 28 | 5:15-5:20 | - 1 | ? | ٥ | | 0 | 0 | Tornado about 15 miles |
| | was r | ot a sign | ifican | probl | em wi | th or | ly son | e mino | r flooding in | | | h-southea | | | | | l I | ueser c | anout 15 miles |
| | only | one confi | rmed. | | į i | | | i | the hurricane - | ARKANSAS Near Center Ridge- Conway County | 1 | 8:30 a. | | | 0 | 0 | 5 | 0 | Lightning |
| | the t | urricane. | A fo | ur year | old . | boy w | as kil | led in | y resulting from Grand Bay when | | | | | | | | | | use in the as estimated at |
| | winds | with his | famil | y. The | numb | er of | injur | ies wa | to escape high s not determined, | | 300 | thousand | dollar | в. | | | | | |
| | Damag | e from wi | nd and | surge | vas E | assiv | e alon | g the | coast. Major | Crossett- Ashley County | 7 | Late afternoon | | | 0 | 0 | 4 | 0 | High Winds |
| | the d | oastal co | imties | of Mob | ile a | md Ba | ldwin | Fart | nties as well as her inland, the s, roof damage, | | and | two airpl | anes a | t the G | rosse | tt A | rport. | Damie | damaged a hangar ge to the planes |
| | 1 | ower outa | Ī į | | | | | | 4117 | | | hangar wa | | | d dol | lars | but : | o demu | ge estimate for |
| | final | ly assess | ed, ra | nking m | bneta | rily | as the | secor | billion when d costliest gnes in 1972. | CALIFORNIA | | | NO D | , , | | | ! | | |
| | Agr10 | ultural l | osses n down | may exc ed tree | реd Ş в. of | 700 m | illior h abou | t 25 p | uding over ercent may be | NORTHERN & CENT | RAL | | NO RE | PORT F | 4E C E | IVED | | | |
| | annua damas | l timber i ed in Mobi | harves ile an | t. The H Baldw | peca Ln co | h and Amtie | soybe | an cro | value of the ps were extensively o homes, businesses | | | | | | | | | | |
| | vehic is ex | les, road pected to | e, bri excee | Hges, f H \$1 bi | rozen 111on | food in t | s, pui ne co | lic ut | ilities, etc., ounties alone. | CALIFORNIA SOUTHERN | | | NONE | REPOR | TEO | | | | ; |
| e e | dist | ict witho | ut pow may be | er the the gr | iay a | fter | the h | rricar | rs in the Mobile e, Frederic experienced by | | | | į | į Į | | | | | |
| Clarke County | 13 | 5:30a | | 17 | 0 | . 0 | 4 | 3 | Tornado | COLORADO | | | | | | | | | |
| ozarni ovane) | Sma1 | l tornado | spawne | i ≱1 by Hu | rrica | ne F | rederic | touc | ed down briefly | Longmont | Asi | EVENING evere thun | dersto Hail a | rm dump | ed .8 | 5 in | th of 1 | ain i | Severe thunders a half an hour crop damage in th |
| | long | wooded ar and 50 fe s were upr | et wid | e. One | H111 | and le h | cuta booewas | path dest | bout one mile coyed and many | | are | 1. | | | | İ | | | |
| Perry County | 20 | 5:30p | 3 | 25 | 0 | 2 | 5 | 5 | Tornado | Northwestern Weld County | | Evening ong winds rage sheds | around | Ault d | o bused | 0 ຫໂກ | | i 0 ige to | High winds fences and |
| | Torn | ndo touche moved sou | d down theast | at air about | port Bort | labout les b | 5 ml: | les so lissip | th of Marion, ating. Two | | | - | | | | | | | |
| | peop two | le were in ircraft, | jured severa | slightl 1 house | y. 1 | he to | rnado lle hot | damag | d a hangar and stroyed a cotton | | | | | | | | | | |
| | tree | and seve | ral po | wer lin | es. | The 4 | lmes Ba | gand | ned many other Packaging Company 11s of one of | | | | | | | | | | |
| | the l | ouildings ort, \$75,0 | collap | sed. D | anage | esti | mates | inclu | le \$30,000 at the at the packaging | | | | | | | | ĺ | | |
| | comp | uty. | | | | | i | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | ! | | |

| | | _ | | | | | | | | | <u></u> | | | 1 | | , | | | | SEPTEMBER 1979 |
|----------------------|------|---------------|------------------------------------|-------------------|-------------------------|-----------------|----------------|------------------|--------------------|--|--------------------------------------|---------------|---------------------------------------|-----------------------|--------------------------|----------------------|----------------|------------------|------------------|---|
| | | | , At | PATH | Ŧ | | . OF | | ATED† | | | 1 | AL. | PATH | Ŧ | | OF | | ATED† | |
| PLACE | | | 7 £ | 198 | PAT | | | | T | CHARACTER OF | PLACE | | 202 | 9F P. | PAT DS) | | | | Γ. | CHARACTER OF |
| PLACE | | DATE | TIME - LOCAL STANDARD | LENGTH (| WIDTH OF PAT (YARDS) | KILLED | INJURED | PROPERTY | CROPS | STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | STORM |
| CONNECTION Statewide | CUT | 6 | All Day | | | 0 | 0 | 6 | 5 | Tropical Storm David | FLORIDA (conti | On L | ake Okeech | at Po | rt Maya | ba do | ck: i | O MPH | at Car | eported that winds al Point; and 57 |
| | | Pass | l jing to th herly wir | ie west | of Con | necti | cut D | avid b | j rought | | | MPH Paho | in Clewist kee Harbor | on. K | nter le | vels e dur | react | ed 4 i abor I | eet al | ove normal in ernoon, David's 8 feet on Lake the northend of |
| | | blow wall | h from th b. Trees | eir mo were | crings cashed | and si | nashe gro | d agai und so | nst se hetime | b | | Okee the | chobee, lo lake while | wering raisi | the wa | ter 1 | evel 5 fe | to 9 i | eet or he Pal | the northend of lokee-Canal Point |
| | | shut | ching hou off from th rainfa | isever | al hund | rled ti | lousa | nd peo | ble. | ! | | area | | , , | | 1 | į | | | and makin |
| | | were | higher m | akino | the over | rlall i | effeci | t of D | avid v | brv | | 1 to | 2 feet ab | bve no | rmal el | sewhe | re or | the l | lorida | track and mostly east coast. Light the coast. Severe |
| Statewide | | 14 | <u>.</u> | - |] | 0. | 0 | ? | i | Tropical Storm | | eros On A | on was re pastasia I | ported sland, | in Bre | vard t. Au | Count gus t | y and ne, l | South | rn Volusia County. waves eroded 12 |
| | | Much | weaker t | i Han Da | i vid, Fr | qderi | l Ik bre | bught | gusts | Frederick f | | | of the se rainfall | 1 | ł | 1 | i ! | l | l 1s mos | tly 6 to 9 inches |
| | | near | 150 MPH a blown fr | n¢d a f | ew heav | y show | ers. | Some | boats | l i | | near | the track , rainfal | of th | e eye, | with | a fev | repor | ts to | 11 inches. Else- |
| DELAWARI | E | | | | | | | | | i | | Prop | erty damag of Breva | l le was rd Cou | general hty, an | ly li | ght s | outh o | f Palm | Beach County, the peninsula. |
| Statewide | | 5-6 Tro | 1 | rin "Di | evid" mo | 0 ved o | 0 | 4 orth | 0 sorthe | Tropical Storm sterly track from | | Near mobi | the path e homes, | of the screen | eye ex ed shel | tensi | ve da mari | mage o | ccurre | d to roofs, signs, docks, fishing |
| | , | wes ern | tern Virg Pennsylv | inia ti ania e | he after arly on | rhoon the 6 | and d | venin | of the | e 5th, into east- east fringe of the | | home | , busines | ses an | d publi | c bui | lding | s were | sever | lines. Some ely damaged or ad, was minor. |
| | | was | light, e | xcept | fprası | ոի11 ։ | ectio | n in | the no: | . Property damage th portion of the the following | | Road | ∲ays near | the be | ach wer | e und | jermir | ed at | severa | ll places. |
| | | sum | ary). Sc | attere | d tree d | ihmage | occi | rred, | along | with local power re recorded up to | | mill | ion dollar | s. Gr | pefrui | t sus | taine | d maj | r dama | y exceeded 25 ge, primarily from cipal citrus damage |
| - | • | 45 tot | ph and r al damage | ainfal oth | l totals er than | rang that | ed be | tween | one an | d four inches. The nado - near \$7,000. | | was : in V | near the c clusia Cou | bastli hty. | he, fro Nursery | plan | iter ts su | in Mar stain | tin Cons | unty to Oak Hill iderable damage |
| Newcastle County | , | 5 | 8:45 p | 2.5 | 200 | 0 | 5 | 5 | 0 | Tornado | | crop | near Lake | Okeed | nobee, | was n | inor. | Est: | mates | to the sugar cane of agricultural County, 7.9 million |
| | | ini | y of the | Delawa | are Rive | t int | o the | Clay | ont a | oved from the vic- | | in I | ddian Rive | r Coun | ty, and | 5.4 | þí11í | on in | Martir | County. |
| | | the | Pennsylv. | aĥia l: | Úne. Roc | Fs an | d por | ches v | ere ta | un development on ken off several ard, and most trees | | Dama | e estimat total dama | es for | the in | divid | hal t | ornad | es als | o are included in |
| | | fly: | ng debri | s or b | being | crush | ed ag | ainst | each o | ere damaged by ther. One apart- | Palm Beach County | 3 | EDT | ĺ | i | 0 | ! | 3 | 0 | Tornado |
| | | the | face of was tor | the bu: n off. | Llding, About 5 | windo pers | ws bu | ckled ere t | outwar eated | ks were ripped from d and a long bal- for mostly minor | | 0bse | icane Davi rvers repo for secon | rted t | he torn | ado á | ropp | d from | the o | o in Delray Beach. louds, touched |
| , i | | by 1 | itnesses | as the | storm | basse | d ove | rina | matte | ud roar was heard r of seconds, how- damage was esti- | Brevard County | 3 | 1:30PM | ! | 40 | 0 | 0 | 6 | 0 | Tornado |
| | | | d at bet | | | | | | l | damage was coti- | | Abou | EDT t 50 mobil struck th | e home e Ocea | s were n Holid | destr av Tr | oyed avel | or sev | erly of | lamaged by a tornado Ibourne Beach. |
| FLORIDA Oldsmar, | | 1 | 5:00PM | 1/1 |) 01 30 | 0 - | ! o | 5 | . 0 | Tornado | | Also The | severely ornado sk | damage ipped | d was t across | he ne the 1 | arby ndiar | Opus 1 | l cond | lominium complex, aused an estimated |
| Hillsborough Cou | inty | Eigh | EDT t barns w | ere da | l maged ar | ıl sev | eral | windo | l sin(| he grandstand were | | Palm | Bay. | l | plamage | at th | e Por | t Mala | bar 51 | opping Center in |
| | | hors | en as a s e racing 1000. | facili | ornado n ty north | ipved iwest | over of Ta | Florid | Damage | s, a thoroughbred was estimated at | Vero Beach, · Indian River County | 3 | EDT | | ! | 0 | D | | 0 | Tornado |
| Franklin County | | 2 | | | | 0 | 0 | 0 | 0 | Waterspout | | | m and apa | | | | | | | oofs off a condo- |
| | | | EDT erspout northwes | | | nile | s eas | t of/ | 11nga | or Point, moving | Cocoa, Brevard County | 3 | 3:25PM EDT ster drop | | į | 0. | David | 5 d'a a' | 0 | Tornado ver Cocoa. |
| Florida Peninsul | .a | 3-4 | | | | 0 | ? | 8 | 7 | Hurricane David | | Prin | ipal dama | ge was | to bui | lding | roof | s in | small | |
| | | 165 | 1PH, anu | ch-weal | dened Hu | price | ne Da | vid m | ved u | ds that exceeded the Florida east y state officials | Brevard County | A sm | EDT | | ! | 0 Ded w | 0 ithir | the | 0 trouls | Tornado tion of Hurricane |
| | | at 9 | million al count | dolla: ies. | ds, most 1though | of v | hich ral | occuri eople | ed in died i | the middle east n storm related | 77 | Davi | was repo | rted m | ear Mim | β. | | | | |
| | | | minor in | | | | | | | David in Florida. ly from flying | Flagler County | A sm | 8:00PM EDT 11 tornad | | i | 0 Inea | 0 Bun | uell. | 0 | Tornado |
| | | Cros | ing Andr | ds Isla | i and late | on S | epter | ber 2 | nd, Dav | id approached the | Daytona Beach Shores | 3 | 8:35PM EDT | 1/10 | 30 | 0 | 0 | 5 | 0 | Tornado |
| | | took near | a last m Jupiter | inute v Island | eer to a litt | the n | orth rth | and f | hade la n Beack | ndfall at midday . Minimum central | | Seve | al houses | were | unroofe | ј Бу | a sma | 11 to | nado i | n Daytona Beach |
| | | nort | n-northwe | tward | at 10 t | o 12 | мрн, | David | s eye | nches. Moving passed over the er and Brevard | Port Orange, Volusia County | 3 | 9:00PM EDT | 1/10 | 30 | 0 | 0 | 4. | 0 | Tornado |
| | | coun Cont | ies, and Inuing no | was o | er the | Cape urric | Canav ane d | eral enter | area ai moved | ound midnight. offshore near | Ormand Ros -1 | damag | ed severe | Ly by | a small | torn | bdo. | i | | everal homes were |
| | | near of t | Savannah ne northe | Georg | ia, but | the | cente | r pat | rema | ade landfall again ned within 35 miles Georgia coastal | Ormond Beach, Volusia County | On ti | 10:00PM EDT se approac | h of H | urrican | e Dav | 1d, | torna | ldo tou | Tornado ched down in Ormond |
| | | wate | rs. | | | | | İ | | 95MPH at the | | Beacl Scho | , damagin | g the | roofs o | E 5 H | omes | and da | maging | Osceola Elementary |
| | | Fort 90 M | Pierce C H at Pat | dast G | ard Sta r Force | tion Base | in St ; 75 | . Luch MPH at | le Cour : the I | ty. Gusts reached | Nassau County | 4 | EDT | | 7. | 0 | 0 | 0 | 0 | Tornado |
| | | nati Beacl | onal Airp Weather | Servi | MPH on e Offic | Mian e; an | i Bea d 45 | ch; 5 MPH a | MPH a | t the Daytona onville's Weather with gusts of 75 | | A to | nado was e was rep | observ orted. | ed 4 mi | les s | outh | of the | Ferna | ndina jetties. No |
| | | to 8 | MPH wer | e commo | n along | the | hurr | cane e | ye tra | ck. | St. Petersburg, Pinellas County | 6 | EDT | ļ | | 1 | ٥ | 0 | 0 | Lightning |
| | | | | | | | | | | | | an 1 | l-year-old | boy w | as kill | e pin ed in | e tre stant | e near | Leals a ligh | an Middle School tning bolt from |
| .[| | | | ! | ! | | | ļ | | | | an di | ternoon t | iungen ! | scorm. | İ | 1 | į | | ļ |

| ## PLOCE 1. 1 | | Π | Ħ | Ŧ | Ţ <u> </u> | | . OF | | ATEDI | | | | 3 | Ŧ | _ | | . OF | | ATED† | SEPTEMBER 1979 |
|--|-------------------|--------------|--------------------------------|-----------------|----------------------|-----------------|--------------------|----------------------|------------------|--|----------------------|-------------|--------------------------|-------------------|----------------------|-----------------------------|------------------------|-----------------|---------------|--|
| PLONTING (continued) | | | 200 | F PA | PATH SS | PER | SONS | DAN | IAGE | | | | 700 E | S) PA | PATH (S) | PER | SONS | | AGE | |
| Special County Spec | PLACE | DATE | TIME - STANDAR | LENGTH O | WIDTH OF (YARD | KILLED | INJURED | PROPERTY | CROPS | | PLACE | DATE | TIME - STANDAR | LENGTH O | WIDTH OF (YARD | KILLED | INJURED | PROPERTY | CROPS | |
| Property Company Com | | | | | | | | n | 0 | Funnel cloud | FLORIDA (conti | nued |) | | į | İ | ! | | İ | |
| Part County Part County Part Par | | 1 | i ! | was o | bserved | !! | i | | | i . | Jackson County | 13 | | 1 | 40 | 0 | 0 | 4 | 0 | Tornado |
| Authority of the company of the comp | | no r | port of a | touch | down or | dama j | ge. | i | | | | 8 mi | on County es northe | ast of | Marian | ba. d | estro | ying a | bouse | and many trees |
| Section Section Supplement Supplemen | Pasco County | | EDT | | | į | . ! | i | | | 1 | Afte | travelin | g north | hward f | br 1/ | 4 mii | e, it | lifted | and touched down |
| microsest Facilità 25 1 | | elect | rical sho | ck whe | h light | ning | Kiche Struc | y subd kane | arby s | n received an treet light. | Okaloosa County | 21 | | 1/10 | 30 | 0 | 0 | 3 | 0 | Tornado |
| Lies Can Douby above theritary Depts related with the set coast of Configuration, purtures for setting of the Secretary of th | Northwest Florida | 12- | l createur | | i ! | | ? | 8 8 | 6 | Hurricane | | | omes were | | | smal | 1 tor | nado t | hat dr | opped down on |
| Product Annual No. Promoting dataset by trace official control of the control | | Less | than 10 d | lays at | ter Hur Trederic | ricar | e Day | id ro | led u | the east coast of | Marion County | | | | | | 0 | 0 | 0 | Funnel cloud. |
| works are stated of a the sourchaster out of seculo Protectic with installar place of the place of social to the control of th | | Flor | ida Panhan | dle. | Propert | y dan | age t | as es | imate | by state offical | | | nel cloud | | | | | of Be | llview | , moving east north |
| Sequence 13th, after passing affects; were laughts clause at the many of Monits Passing affects; were laughts clause at the many of Monits Passing and Company of the Compa | | Movi | ng steadil | l Yout | of the | Bouth | east | rn Gu | f of i | Mexico, Frederic | | | ! | ! | ! | ¦ : | 1 | į ! , | 0 | Tornado |
| Freelytic was an Excesses Investigated with contract pressures at immifial function as the Statillated (1911 inches) at the Freenachis Newsland All Factors are 1803 in Hillance (1911 inches) at the Freenachis Newsland All Factors are 1803 in Hillance (1911 inches) at the Freenachis Newsland All Factors are 1803 in Hillance (1911 inches) at the Freenachis Newsland All Factors are 1803 in Hillance (1911 inches) at the Freenachis Newsland Newsland Control of Factors and Factors are 1803 in Hillance (1911 inches) at the Freenachis Newsland Newsland Newsland Control of Factors and Factors are 1803 in Hillance (1911 inches) and at the vert and of Santa Santa All Factors are 1803 in Hillance (1911 inches) and at the vert and of Santa Santa All Factors are 1803 in Hillance (1911 inches) and at the vert and of Santa Santa All Factors are 1803 in Hillance (1911 inches) and at the vert and of Santa Santa All Factors are 1803 in Hillance (1911 inches) and at the vert and of Santa Santa All Factors are 1803 inches (1911 inches) and at the vert and of Santa Santa All Factors are 1803 inches (1911 inches) and at the vert and of Santa Santa All Factors are 1803 inches (1911 inches) and at the vert and of Santa Santa All Factors are 1803 inches (1911 inches) and at the vert and of Santa Santa All Factors are 1803 inches (1911 inches) and at the vert and of Santa Santa All Factors are 1803 inches (1911 inches) and a santa Santa | | Sept | ember 12th | , afte | ir passi | | | | | | TOTA COUNTY | | EDT | | ! | ì | | i | | i |
| ser, Set all there. The labest fit fit of peace to recorded to the fit fit of peace to recorded to the fit fit of peace to the peace of the stand of 1.70 MC CT peoples to the fit for the peace of the | | | 1 | ĺ | 1 | ricar | e wi | h cen | ral p | essure at landfall | | nino | damage t | an a | utomobi | le re | pair | shop a | nd a n | earby bar. |
| Aff Martin at 7.19 Mr. Ciff peripher 11th, Highest void power and the control of | | near | 946 milli | bars. | The lo | west | offi | ial p | essur | recorded in | , | l | Afternoon | | ļ ! | į | į | - | · · | ! |
| Sprience 1714 the Meather service of fitte of France-18 Municipal Appendix of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached in the Friend State of SP 701 at 151-18 and CT Appendix 1716. Test reached State of SP 701 at 151-18 and | | Air | Station at | 7:30 | PM CDT | Septe | mber | 12th. | High | est wind gusts | | over | Polk Coun | ty bet | een Fr | østpr | of a | hd Hai | nes Ci | |
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| car Periodic Roy, on seasons hand hough Labed, and is the Cramble Lagons unbiditation post of the protection. Mose on whaterfront nearly damaged. Authors, chooks and both such careful to the protection of the p | | 1 | ļ | ľ | i | İ | uther | n Esc | umbia umbia | County, especially | Monroe County | 26 | | ļ | | 0 | 0 | 0 | 0 | Waterspout |
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| Rat of Sunta Ross Island and insure County property during was purchashed and success. See the portrol which are the substantial and backless. See the light of the substantial and backless. See the light of the substantial and backless. See the light of the substantial and backless. See the light of the substantial and backless. See the light of the substantial and ware flowering the substantial and ware flowering and backless. See the vibration of country light of the substantial and were flowering the substantial and were flowering and reported and substantial and were flowering and reported and substantial and s | | dama | ged. Mari | nas, | locks ar | nd boa | ts su | stain | ed maj | or damage, City | Dade County | l | 12:30PM | | | 1 | ŀ | i | } | i i |
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| Second Production Second | • | prop util | erty damag ity sheds, | e was | much li s, shrub | ighte: pery, | and util | mainl ity 1 | vas nes, | donfined to roofs, docks, fishing piers | | touc | hing the | ground. | derbares | 1 8 14 | | luces | arter: | orming without |
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| Thousands of ploridges were reported through as directly attributed to the acothing sart hathor, sea summed on the Intiacous al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and the Intiacous) al Matterway onth, of Principle (and Intiacous) al Matterway onth, of Principle (and Intiacous) al Matterway onth, of Principle (and Intiacous) al Matterway onth, of Principle (and Intiacous) and Matterway onth, of Principle (and Intiacous) al Matterway onth, of Principle (and Intiacous) and Matterway onth, of Principle (and Intiacous) al Matterway onth, of Principle (and Intiacous) and Matterway onth, of Principle (and Intiacous) al Matterway onth, of Principle (and Intiacous) and Matterway onth, of Principle (and Inti | | panh | ipric. Son andle also | e low were | damage | ns of by t | coas | tal ro | eds an | d highways in the | | Ligh | point, in | lck a g | 3 men | oys and a | woma | n. Th | St. | George Sound near was kneeling when |
| acord, in northeest Florida. A squamy was drywood when a sailboot, seaching safe hybro, has swheped on the intracessal Waterway north of Friedrick News. Decesso of people were reported futured by the strum, but most of the Anjurice where allow. Prederic spaced several connectes, funnal clouds, and waterspoots in settinestern Floridate, which are listed below. Damage from the twisters generally whe since and could not be differentiated from twentiers generally whe since and could not be differentiated from twentiers generally whe since and could not be differentiated from twentiers generally whe since and could not be differentiated from twentiers generally when since and could not be differentiated from twentiers generally when since and could not be designed to the result of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the country of the structure of the | | Thou | sands of l | lorid | ians we | re evi | acuat death | d fro | d Gulf irectl | front areas before | | She | received to | third of | egree l | que bai durns dus 1 v | qk an He Intu | n husb | and an | two men in a |
| Dozens of people were reported Ajured by the store, but most of the injuries were affore. Frederic spanwed several tormades, funnel clouds, and waterspouts in northwestery Pichias, which are listed below are listed below are limited below are limited below are limited below are limited above. Okaloosa County Okaloosa County Ilated above. Okaloosa County Two yaterspouts were reported a mying ashore near Destin's Rast Pass. They apparently cauged no damage, and mying ashore near Destin's Rast Pass. They apparently cauged no damage and mying ashore near Destin's Rast Pass. They apparently cauged no damage reported. Franklin County A fudnal cloud was reported and mying ashore near Destin's Rast Pass. They apparently cauged no damage reported on the control of the payers and a should be about 10 miles southwest of the Dayton Basech Regional Airport. The funnel was visible for 7 minutes. No absolute was reported and and damage reported on the funnel cloud county of the payers and a damage reported on the funnel cloud sample reported a county of the payers and a damage reported. Okaloosa County Remy County The funna County Sheriff's Office reported a tornado 3 miles north of Interlachen. A regular county of the Dayton Bases County of the Dayton Bases County Sheriff's Office reported a tornado 3 miles north of Interlachen. Port Valton Beach, Okaloos County Remy County The funna County Sheriff's Office reported a tornado 3 miles north of Interlachen. Remy County Remy County Remy County Pensacola, Pensacola, Il 15,090M 1/10 30 0 0 0 7 Tornado A mail tornado couched down bayers provided a miles couchdown at the funnel county of the payers are county of the payers and a should be a county of the payers and a should be a county of the payers and a should be a county of the payers and a should be a county of the payers are county of the payers and a should be a county of the payers and a should be a county of the payers and a should be a county of the payers and a county of the payers and a county of | | stor | n in norti | west arbor | Florida. | . A 1 | woman | was d | fowned | when a sailboat, | Palm Beach County | 1 | 1 | | | ! . | ĺ | ! | i | ! . |
| The injuries were sulnor. Frederic spaweds several comadea, funel cloud, and waterspouts in nottenestery Florida, which are listed lelow. Damage from the tenerial spring and could not be differentized from the kenerial springage. Damage satisfied for the individual county 12 feeting 1/16 30 0 0 0 0 0 0 0 0 | | 1 | | Ì | | | <u>.</u> | i | ļ | | | | lot report | | | | | | | des 30 miles sout- |
| Franklin County 12 6:15PM 17 10 30 0 0 0 Waterspouts They apparently caused no damage. Pranklin County 12 7:30PM 12 7:30PM 12 7:30PM 12 8:15PM 13 10 0 0 0 0 Funnel cloud. They apparently caused no damage. Pranklin County 12 Porning 12 Porning 13 17 30 0 0 0 0 Tornado 14 Tornado 15 Pornado County 17 Evening 18 17 30 0 0 0 0 Tornado 18 Tornado 19 Tornado 19 Tornado County 19 Tornado County 10 Tornado 11 Tornado 12 Porning 17 Tornado 18 Tornado 19 Tornado 19 Tornado 19 Tornado 19 Tornado County 10 Tornado 11 Tornado County 12 Porning 12 Porning 13 10 0 0 0 0 Tornado 14 Tornado 15 Porning 17 Tornado 18 Tornado 18 Tornado 19 Tornado 19 Tornado 19 Tornado 19 Tornado County 10 Tornado 11 Tornado 12 Porning 11 Tornado County 12 Porning 13 10 Tornado 14 Tornado 15 Porning 16 Tornado 17 Tornado 18 Tornado 18 Tornado 19 Tornado 19 Tornado 19 Tornado 19 Tornado 10 Tornado 10 Tornado 10 Tornado 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 12 Tornado 13 Tornado 14 Tornado 15 Porning 16 Tornado 17 Tornado 18 Tornado 19 Tornado 19 Tornado 19 Tornado 10 Tornado 10 Tornado 10 Tornado 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 11 Tornado 12 Porning 12 Tornado 13 Tornado 14 Tornado 15 Porning 17 Tornado 18 Tornado 19 Tornado 19 Tornado 10 Tornado 10 Tornado 11 Tornado 12 Porning 11 Tornado 12 Porning 12 Tornado 13 Tornado 14 Tornado 15 Porning 17 Tornado 18 Tornado 19 Tornado 19 Tornado 10 Tornado 10 Tornado 11 Tornado 11 Tornado 12 Tornado 13 Tornado 14 Tornado 15 Tornado 16 Tornado 17 Tornado 18 Tornado 19 Tornado 19 Tornado 10 Tornado 10 Tornado 10 Tornado 11 Tornado 11 Tornado 12 Tornado 13 Tornado 14 Tornado 15 Tornado 17 Tornado 18 Tornado 19 Tornado 10 Tornado 10 Tornado 10 Tornado 10 Tornado 10 Torn | | | | | | rted : | injur | ed by | the st | orm, but most of | Manatee County | 1 | ļ | Heach I | Interna: | ! | ! | 1 | n | Funnal cloud |
| Continue | | Fred in r | eric spawt erthwester | ed se | veral to | ornade | qes, : | i funnel İsted | cloud below. | s, and waterspouts Damage from the | nametee county | The | EDT Manatee C | unty S | heriff | s Of | fice | report | ed a f | unnel cloud between |
| Okaloosa County 12 6:15PM | | twis | ters gener general si | ally orm d | was mind amage. | pana Pana | cou de es | ld not imate | ibe di \$ for | fferentiated from the individual | | Parr | itsh and Ea | st E1 | lenton, | asso | diate | d with | a hea | y thunderstorm. |
| 12 6:15PH | | | | ped be | how are | inch | dded : | n the | total | hurricane damage | | | EDT | i | i | ĺ | İ | į i | i | ! |
| Two yearspoonts werd reported moving ashore near Destin's East Pass. They apparently caused no damage. Franklin County 12 7:30PM | Okaloosa County | 12 | | | | 0 | 0 | 0 | 0 | Waterspouts | Volusia County | ав | all torna | do. | | | | | | |
| Franklin County 12 7:30PM | | | | | | | | ashor | e near | Destin's East Pass | | A st | EDT | do tou | ched do | ↓ wan ab | dut 1 | LP m11€ | Bout | hwest of the Daytons |
| A funnel cloud was reported near Landrk Village. No touchdown was observed and no damage reported. Okaloosa County Okaloosa County 12 Evening 1/10 30 0 0 3 0 Tornado | Franklin County | 12 | | į | | 0 | 0 | 0 | Ö | Funnel cloud. | | | | | | | nel | vas vi | ible | for 7 minutes. No |
| Okaloosa County 12 Evening 1/10 30 0 0 3 0 Tornado A totnado touched down near Palm Boulevard in Nideville. No injuries or substantial damage documed. Fort Walton Beach, Okaloosa County 12 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County 12 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County 13 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County 14 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County 15 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County 16 Escambia County 17 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County 18 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County 19 4:40PM ? ? 0 0 ? 0 Tornado Okaloosa County Nassau County Sheriff's Office reported a tornado touchdown at the intersection of U.S. 1 and tem Impure Load 18 Evening 1/10 30 0 0 0 0 Funnel cloud OCT The Florida Highway Patrol reported a funnel cloud near McDavid. Escambia County 19 4:40PM ? ? 0 0 ? 0 Tornado Nassau County 30 1:40PM ? ? 0 0 ? ? Tornado EUT A pilot reported a uornado 5 miles acuthwest of Clevistom. Dade County 30 2:15PM 0 0 0 0 Waterspout EUT The U.S. Coast Guald reported a waterspout 2 miles east of Government Cut. Dade County A townado coased 4 minor in uries and damaged the WBSR radio tower | | A fu | nel cloud | was todam | reported age repo | near erted | Lan | rk Vi | llage. | No touchdown was | Putnam County | 29 | | 3/1 | 30 | 0 | 0 | 7 | 0 | Tornado |
| A totnado touched down near Pala Boulevard in Nideville. No injuries or substantial damage documed. Fort Walton Beach, 12 Evening 1/10 30 0 0 3 0 Tornado Okaloosa County A small tornado touched down briefly hear st. Mary's School in Fort Walton Beach with only mindr damage. Escambia County. 12 8:10PM 0 0 0 0 Funnel cloud CDT The florida Highway Patrol teported a funnel cloud near McDavid. Escambia County 12 8:15PM 1/10 30 0 0 4 0 Tornado CDT A small tornado forerunning Hurricane Frederic touched down in northern Pensagola north of Burghess Road between Old and New Palafax. Damage was minor. Pensacola, Escambia County A townado coused 4 minor injuries and damaged the WBSR radio tower | Okaloosa County | 12 | Evening | 1/1 | 0 30 | 0 | 0 | | | | | | Putnam Co | | heriff' | d Off | ice r | eporte | a to | tnado 3 miles north |
| Port Walton Seach, Okaloosa County A small tornado touched down briefly mear St. Mary's School in Fort Walton Seach with only mindr damage. Escambia County. Escambia County 12 8:107M | | A to | rado tous | shed d bstan | own near tial dar | Pals rage | Bou: | evard | in Ni | deville. No | Nassau County | 1 | 4:40PM | ì | ? | 0 | 0 | ? | 0 | Tornado |
| Escambia County, 12 8:10PM | | | | | | 1 - | | | | | | | Bu County | | | | | | | touchdown at |
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| Escambia County 12 8:15FM 1/10 30 0 0 4 0 Tornado CDT A small tornado forerunning Hurricane Frederic touched down in northern Pensagola north of Burghss Road between Old and New Palafax. Damage was minor. Pensacola, 12 11:50FM 1/10 30 0 4 5 0 Tornado Escambia County A tognado caused 4 minor in uries and damaged the WBSR radio tower | Escambia County. | | CDT | ļ. | | į | į |] | i | | | i | EDT | ł | i | | ì | į | | į l |
| CDT A small tornado forerunning Hurricand Frederic touched down in morthern Pensagola north of Burghes Road between Old and New Palafax. Damage was minor. Pensacola, Escambia County A tognado caused 4 minor injuries and damaged the WBSR radio tower | Escambia County | 1 | ļ | | I | ļ į | ! | ; | l. | | Dade County | 30 | | - | | 0 | 0 | 0 | 0 | Waterspout |
| northern Pensapola north of Burghes Hoad between Old and New Palatax. Damage was minor. Pensapola, 12 11:50PM 1/10 30 0 4 5 0 Tornado Escambia County CDT CDT Atonado caused 4 minor injuries and damaged the WBSR radio tower | | A SE | CDT | lo for | erunning | Huri | Lcane | Fred | j ebrict | duched down in | | | J. S. Com | dt Gua: | d repo | ted | wat | erapou | 2 101 | es east of Govern- |
| Escambia County CDT A tomado caused 4 minor injuries and damaged the WBSR radio tower | | nort | Hern Pensa | cola 1 | north of | Burg | ses I | oad b | etween | Old and New | | | |] | | - | } | } | | } |
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| | | A to | nado caus | ed 4 i | ninor in | urie | and | dama | ged th | WBSR radio tower | | | ! | | | | i I | ļ | | i |

SEPTEMBER 1979 ESTIMATED! ESTIMATED! TIME - LOCAL STANDARD TIME - LOCAL STANDARD WIDTH OF PATH (YARDS) WIDTH OF PAT (YARDS) CHARACTER CHARACTER LENGTH OF F LENGTH OF PLACE PROPERTY OF STORM PROPERTY STORM NJURED NJURED KILLED XILLED CROPS CROPS DATE FLORIDA (continued) HAWAII 3:50PM 0 0 ó 0 0 Waterspout 8 AM nel cloud 8 miles porth est of Key West, moving About 6 to 7 miles Sighted by pleasur to the north craft 30 6:00P 0 0 0 0 IDAHO В 0 ٠, 0 Hail Winchester, Lewis Night Three utheast of Key They moved northeastward and dissipated. County West up to 1-linch in diar STATEWIDE 12-ILLINOIS 70 3 3 С Heavy rain, flood-September 1979 was one of the wettest Septembers in history for the State of Florida. Several weather stations had record rainfalls for the month. By the light the weather table over mosq of the state was at or near the surface, and each additional heavy rain caused flooding in poorly frained areas, especially urthan and residential developments with drainage problems. During the last half of the month several rivers rose above flood stage, causing additional damage. Northern two-thirds Dry Weather 0 0 ember | 0 0 0 ? ? Peryllittle or no rain fell over the hortharm two-thirds of the state during spetember affecting crop development and lowering the water level in reservoirs. By the lend of the month, soil moisture in many areas was reported to be from 70% to 100% short. Several stations reporte this to be the driest month on record. On September 14th, rainfall exceeded 8 inches in parts of Lee County and local amounts of 6 inches deluged Manarce County. Flooding of streets, lawns, automobiles and low-lying residences occurred in north Fort Myers, and also in the Windsor Bark Area in Manatee INDIANA NONE REPORTED IOW<u>A</u> ioio On Sept. 16th, rainfall exceeded 5 inches in the Pensacola area, washing out roads, filodding streets, and hampering recovery work from Hurtricane Frederic. Homes land buildings that sustained coof damage from Frederic were extensively damaged by the heavy rains. 1145P 1.3 30 0 | Tornado 1 Mile SE Essex A small tornado toudhed down on a farm moving Southeast. The tornado destroyed a harn and outbuilding and sheared the tops of two trees before listing back into the clouds. (Page County) 5 | 900P --- 1 | 1 | 3 | 0 | Lightning Lightning struck a tree and the tree fell pn a moving vehicle. The driver was killed and the passenger injured. Five inches of rain flooded streets and a few homes in the northern part of Port St. Jod on Sept. 16th, and also in a part of Apalachi-Des Moines (Polk County) KANSAS By September 20th, Palmettd in Manate County had received over 20 inches of rain for the month. There was extensive flooding of low-lying streets and roads, and water reached into some residences. Barber County 6:05 p 9 20 0 0 1 0 Tornado Tornado, in open country, was observed on the ground about 20 perdent of the time from 14 miles west of Medicine Lodge to 5 miles west of Medicine Lodge. Several fundels were reported in the vicinity but po significant damage was reported. During the latter 10 days of the mouth additional locally heavy rains produced serious flooding in several sections of the state. Some of the worst damage occurred in West Central Florida where Hillsborough dounty had over 8 william dollars damage, principally in Tampa, and in the north and northest sections of the county. A Tampa woman died when her car was swept off a goad by flood waters 6 1 0 1 0 Lightning 3:20 to 5 Ì Butler and Cowley Counties Thunderstorms moving south-southeast produced considerable cloud-to-ground lightning resulting in several shall fires and minor home damage. In Augusta a womand was found dead in her home as the result of a lightning caused fire, 2-1/2 miles south of Udall a large barn, farm implements, and 2,000 bales of hay were destroyed by fire after a lightning strike. On September 71st, heavy rain aggressited weeks-old flooding in north Fort Myers and the areas east and south of the Lee County atroper. In destern Manateb County, 1600 people were evacuated from homes as heavy kain forced the epening of flood gates on Lake Heavy rain Sept. 22nd - 24th caused widespread flooding of streets, lowlands, and residences in Pasco County, aspecially Zephyrhills. Eighteen families temporarily abandoed their hoses. Over the same weekend several hundred residents were forded from homes in upper Finellas County by rains that exceeded 5 inches. Dunedin, largo, Palm Harbor and Safety Harbbr were affected, and in Clearwater had 6 feet of flood water. Harvey County 5 Wind, hail String gusty winds and considerable hail of 1/2 to 3/4 inches in diameter occurred as thunderstorms moved south through the southwest portion of the county. Badage was to trees, power lines and roofs. Crop damage was to dorn and millo. through the trees, power lines, KENTUCKY St. Johns County had extensive flooding of roads, yards, and farm-lands by 6 inch raims September 21st - 23rd. All of Kentucky 1 7 Flash Flooding 7 The Iremnants of Huricane Frederic dumped 4 - 7 inches of rain over KY. Two pepple in Logan Cy were killed when their car was washed off a bridge they were trying tolcross. In Carnoll Courty, a 23 year old man was killed when a towboat and barge were sweet over Lock No. 1 on the Kentucky River. A 15 year old Marsaw, KY woman was idrowned near Markland Dam as the strong current of the Onlo River carried her away from the Ispot she had been swimming in and took her over the dam. Many small bridges were washed away. Some counties reported drop losses as high as 30%. Butler, Ohloi McLean, Edmonson, Logan, Gallatin, and Simpson, Owen, Counties were declared Federal Disaster areas. Twelve homes were flooded in the Holiday Agres section of Highlands County for an extended period during the latter part of the month. County for an extended peripd during the litter part of the month.

On September 26th, flooding from 8 inches of rair caused millions of dollars in Hamage to Duval County beach communities. Two men were killed, and 3 injured. Floodwater lapped into hundres of homes and businesses, especially in jacksonville Beach. Damage in Jacksonville Beach alone was estimated at 4,5 million dollars. Two sailors were electrofuted when they steepped into knee-deep water that apparently had a shorted underground transfermer. A companion was shocked, as were two Jacksonville Beach polidemen who attempted GEORGIA |short | 50 | 0 | 4 | 0 Harris County 13 345P Tornado Central and 6 Flash Flooding A mini-tornade near Cataula knocked own trees minor da fni-tornaco nea damaged ope ho es and a barn. Eastern Kentucky A law pressure storm system formed just to north of Hurricane Henry and dumped 4 to 6 inches of rain over Central and Eastern Mentudky. An 80 year old man was killed in Marioni County when he tried to walk from his bickup to his house three-quarters of almile away. An 18 year old Louisville man was drowned in a candeing accider in Franklin County. Many bridges were dambaged or destroyed. Thoulands of acres of corn, tobacco and syybean were destroyed. Harris County 0 3 0 Tornado A mini-cornade in Shiloh k large Oaks and lifted the nocked down trees in including several 0 | 6 | Spalding County 13 555P 50 2 0 briefly 8 miles west of Griffin snapping off across Highway 16. ring the Habersham County 13 600P 1 50 0 0 4 0 Tornado A mini-cornado in Demorest knocked down trees with one large tree failing on a commercial building and another on a mobile home doing considerable damage. Gwinnett County 900P Thunderstorm winds damaged a building under construction near Snellville.

- 5 -

SEPTEMBER 1979 NO. OF ESTIMATED! NO. OF ESTIMATED! TIME - LOCAL STANDARD TIME - LOCAL STANDARD PATH WIDTH OF PATH (YARDS) MIDTH OF PATH (YARDS) CHARACTER CHARACTER LENGTH OF (MILES) PS S PLACE PLACE PROPERTY PROPERTY LENGTH (MILE STOPM STORM INJURED NJURED KILLED KILLED DATE CROPS DATE CROPS MARYLAND & D.C. (continued) LOUISIANA 1 Unknown A 9 year old boy and a 31 year old man were killed by lightning nea Delhi as they stood by a pickup truck. Two other men with them were slightly injured. The lightning ifirst hit a nearby tree then traveled through the ground to where the victims were standing. 8 Tropical Storm Trofical Storm "David" center moved north mortheastward out of western Virginia during the afdernoon and levening hours of the 5th and reached eastern Pennsylvania early on the 6th. Damage was quite videspread and caused by vind-fallea treed, local flooding and high tides, and about a half-dazen small cornades (tornado statistics will be treated in the immediately-following summary). Battimore County and City were particularly hard-hit with damage there alone estimated at 350 milhions. The one fatality occurred when a Baltimore company and conveni after being swept out of her car by surging waters on the Jones Falls Expressway, at about 12:30AM on the 6th. In the Mt. Washington lesction of Baltimore a wall of water 5 to 6 feet high swept through a shapping center, causing substantial losses. High waters also required the evacuation of some 6000 or more persons and 140,000 homes were without power for a time. In the Washington, D.C. area damage was estimated at near 88 million, nearly 375,000 of this property and road damage experienced by Rock Greek Park. Mainfall totals ranged between 2 and 4 inches over the eastern and western sections, while amounts were greater through the central portion in a inchitctal was reported from Baltimore County and 8.8 inches at Thurmont, on the east slope of the Catocotth Mountains, Damage for the State was expected to run near \$66 million for property including dwellings, businesses and roads and bridges. Copp damage, especials for the state was expected to run near set inacted at about \$800,000. Tropical Storm "David" center moved north hortheastward out of Allermoon
Brief heavy reins caused some street closings in Denham Springs.
No evacuations necessary or buildings flooded. Livingston Parish 0 0 nto power lines o 2 hours. derstorms moving through Morroe blew trees on failure to about 200 homes for I to causing power Washington, St. Tam-many, Orleans, Jeffer son, St. Bernard, and Plaquemines Parishes 0 0 Evening n Horricane 13 and night The vestern fringe of Hurricane Froderic passed over these parishes with 40 to 50 mph winds. The only reported damage was primarily downed trees and signs with the most damage in Washington parish which was closest to the path of the storm. Tangipahoa Parish 17 3:00 PM 0 0 4 Windstorm 1/ 3:00 PM 0 0 4 0 Winds from thunderstorms did minor damage to tin trees and moved a parked car about 50 feet all in o tin roofs, uprooted 19 Afternoon ? ? 0 0 0
Sheriff Deputy's reported seeing a ternade
eastern Cameron Parish in open fields and 0 least seven tornadoes were shawned by Tropical Storm "David" as dortheastwhrd through west central Maryland. These moved in a unheast to northwest path, generally, with the individual reports follows: Cameron Parish rnado moving across extreme and marshland. No damage done 0 5 0 Windstorm 8:30 PM Vermillion Parish Strong winds from a thunderstorm struck a ione trailer outside of Meaux. The trailer flipped over, completely destroying it, and trapping a family of five inside. All five suffered only minor injuries. Abt Noon 0.5 15 0 0 3 Tornado Union Bridge, 0 Carroll County Described as a long narrow funnel of "smokey-white" color. It tore shiftsles, a sporm door and T-V hantenna from one home, then carried an X 2-foot wading pool out of sight. Damage dround \$1,000. Calcasieu. Allen. and 20 Midnight n 7 Flash flooding afternoon A large cluster of thunderstorms with heavy rain moved out of the Gulf northeasquard scross southwest and central Louisiana dumping anywheres from 10 inches to 17 inches of rain on three parishes. Extensive flash flooding took place with Lake Charles the hardest hit. Up to tur feet of water reported in many bomes and businesses, five feet of water reported in many bomes and businesses, five feet of water new bown. In Calcasieu parish damage estimated at \$5 million with about 500 homes and number of business flooded. In Allen parish about 300 homes along with several schools and businesses flooded, about \$2.5 million in damages. About 600 students and teachers evacuated from one school in Allen parish. In Rapides parish damage put at \$3 million with 500 homes and 6 schools flooded. Also 40 to 50 chousand acres of crops were flooded for a time. Nd deaths or injuries were reported. Number of people evacuated unknown. Crofton (nr), Anne Arundel County 1:55 p 2.5 50 0 1 4 0 Sigited by several persons as it moved from the vicinity of Croton where it blew a large part of the roof off one house. Many treds were felled as it continued to bounce along touching down in sections near Gambrills; and Fort Meade; Total damage estimate vicinity of Crofione house. Many at \$50,000. Kingsville (nr), Abt 2:00p 0.5 20 0 5 Baltimore County This was described as a small funnel that touched down, reducing a nearly-completed \$125,000 home to rubble in a matter of seconds. An adjacent house was also damaged to the extent of \$5,500. Clear Spring, Washington County 4:30 p 0.25 10 0 0 0 Farrer reported a cloud that looked a field. No damage was reported. MAINE tornado moving through like 6 j 11a-6p 0 20 5 Wind and Heavy Remants of Murricane David caused neavy rains which produced minor flooding of streets and basements throughout the state. Winds blew trees ower and hanghed tree links off, wind che swered numerous utilaty lines and crashed on dwellings and vehicles. There were many stopm-related traffic accidents and several boats sunk or destryed. It was roughly estimated that up to 15,000 households were affected by poder outages. Peak winds reported: Lewiston-Auburn Airport - 70 mmh; Pertland - 13 mmh Apple orcherds in fork County had from 3 to 10% crop drop due to winds. Estimated 10 to 13 thousand bushels on ground, were salvaged for cider and sauce. Piney Point area, St. Marys County 50 5 Afternoon 0 0 4 0 Tornado Small tornadd apparently touched down intermittently as it moved across the southern portion of the quenty from timey Point to near Bushwood. Only damage was to a barn that was blown off its foundation, and estimated at 88,000. Drum Point & Olivet, Calvert County 6:15 p 0.5 | 30 0 0 5 Tornado struck beachfront nome, removed the roos, buckled two exterfor walls and carried brick siding away. Man inside was slightly injured by glass splinters; One oddfty: a bed in an upstairs room was turned completely over! although no other ddmage was done to the room. Large trees in the vikinity were downed, along with power linds, and sobe toblacto bars were demolished and contents ruined. Total damage estimated around \$100,000. 14 8-10p New Portland area. 0 5 0 Severe Thunder Somerset County; Waterville-Fairfield Kennebec County; Parkman, Dover-Fox-croft, Piscataquis County The leftovers of Hurricane Frederic spanned a squall line which produced strong winds, felling trees and snapping off limbs; in turn, cutting utility lines, and crashing on dwellings and vehicles. It liathened chain link lence at Foxforf & leadeny tennis courts and five utility poles were snapped off. Peak wind was lot mph at Materville's Lafteur airprot. About 3,000 homes were without power. Hardest hit was a two to three mile path extending from Parkman through Sangelville. Dover-Foxcroft, and through Bast Dover. 7:30 p | 0.2 | 15 0 | 0 4 Port Tobacco, Charles County 0 Tornado Small tornado damaged a h land a old dwelling Loss was sted at around \$30,000. Bel Air vicinity, Harford County 0 0 5 0 Heavy rain began the night of the 21st and morning of the 22nd, with rain totaling be some areas. Basement flooding of homes and businesses estimated at about \$55,000. cont nued into early MARYLAND & D.C. Kenwood Beach, Calvert County 4:00 p-0 0 4 0 Rain Sykesville, Carroll County Night 1 3 4 0 localized severe thunderstorm dumped over Fog inches of rain in Dende fog caused driver of car to become dis-ordented. He swerve his car into h driveway upon seeing the heading its of a pickup truck waiting to come out of the driveway! The car struck the pickup truck, resulting in the death of a woman passenger in the truck. less than an hour. Flash flooding collapsed retaining walls in the community, along with washing roads out and filling basements with water. Damage was estimated at around \$30,000. dis-ordented. He swerved

| | | OCAL | PATH | Ħ H | | OF SONS | | ATED! | | | | OCAL. | РАТН | Ę | | OF SONS | | ATED! | |
|---|------------------------|--|----------------------|-------------------------------|-------------------------|--------------------|---------------------------|--------------------|--|--|--------------|--|--------------------------|--------------------------|------------------|----------------|-------------------|------------------|---|
| 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 (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | CHARACTER OF STORM |
| MASSACHUSET | | | | | | | ļ | | · | MISSISSIPPI | | | | | | | İ | | |
| Statewide | 6 | All Day ; | i ! | [[| 0 | 6 | 6 | ? | Tropical Storm | All but extreme western ES. | 13 | 4 p to 4 p | | | 0 | 0 | 9 | | Hurricane Freder: |
| | Trop Engl | ical Storm and bringi es occurre | David Ing gus | passed ts of | to 0-80 | the w | st of Rains | New of 3 | | | 145 | mph as hur | ricane | Freder | ic m | eved | into 1 | issias | d a peak gust of ippi and Alabama. h at a churn |
| ; | but were | were neare injured t | r one | inch ei ina tre | sewh se di | ons re. rind | Three clean | men mor wor | ,. k | | stat | ion at Ing | alls : | hipyard | nea | Pas | ragoul | a. Ent | ering the coast c did tremendous |
| • | and thei | three teer r moving a | agers utomot | were hu | rt a | a f | illing were | tree blown | hit down | | dama | ge in both issippi. | state It was | s. Jac mainly | kson pro | Coun | ty had damag | the g | reatest damage in damage to forests |
| | taki were | were neare injured be three teer r moving a ng power l damaged. r moorings bed Thou | Along | o the o | round Jore l | , an loats | d many were | house blown | s From | | exte | nsive. Ti | des w | re 6 to | 12 | feet | вроде | hormal' | lines also was Dver 100,000 tal area, mainly |
| | dama | ge its eff | ects v | ere ger | eral | y fe | lt to | | | | from | Jackson (iesburg ar | county, | Hurr: el and | cane al so | ford | e wind erieis | b were h whic | measured at h is 140 miles fr |
| Central parts | 1ess 30 | significa | nt tha | in origi I | nall | fea | ed. | ! ! | | | Some | serious s | fter d | ffects | of t | he st | סאו וורגס | e ext | eded ll inches. ensive power outs pilage of food in |
| central pares | | n was hit | and s | ubseque | 0 ntlv | | 4 ed | 0 | Lightning | | addi | tion to of | her in | convent | ten œ | ķ. 1 | t was | ne ce ss | ary to ship many had contaminated |
| MICHIGAN | | | | | | | | | | | wate leas | r. Hardly t minor de | a str | uoture Hundre | in J | ckso str | h Cour ucture | ry esc s suff | aped without at bred major damage |
| Stonington. elta county. | A | | | | | | in a | | Lightning that destroyed | | port | omplete de ed in Mise short-live | issipp | i due t | o th | is st | orm. | Floodi | hjuries were re- bg was widespread |
| N Orleans, Ionia | | summer ca 6:30AM | abin a | bout | 17 m | i i | sout | i i | county road 513. | Statewide | 20_ | \$1101 0=114 | u am | was on | 0 | 0 | 5 | 0 | Cyclonic system, |
| ounty. | A t | two-car | pile- | up alo heav | ng f V fo | og d | ench | èd M− | Heavy Fog #4 near Orleans revented a | | 21 | | | ! ! | - | | | | neavy rains, hig |
| | dr: vel | ver of a | a veh: | icle t Drive | b se | e an d th | atte pas | kpted senge | turn of a of the vehicle | | MOVE A 10 | m pressure 1 northeas 5 moved as | syste stward | m forms | i lis | ir th | ppion | the 2 | on the 19th and lst. It intensif ain in most of t |
| MNW Dansville, | | empting 7:30AM | to ma | ake a | turn | ļi | e inj 3 | ! | Heavy Fog | | did | some stru | l loca tur a l | tions e | xper: | ence obil | d very | stron | local winds whi |
| gham county. | A | collision | bet ters | veen a | van at | and | a ca | r on | a rural fog- ha roads re- | | Meri | eian in La | uderde | le Cour | ty, | igh | winds | demoli. | y. In north |
| | su. | ted in vehicle | mul | tiple | inju | ries | to o | ccupa | hts of the | | agao | ist a hous | 9. | 1 80 A | l I | | S UALIE | sou au | so as it was blow |
| MINNESOTA | | | | l İ | | | | | | MISSOURI Jackson, Johnson, and | 1 | 7:30- | | | 0 | 0 | ۰ | 0 | Funnel Clouds |
| uluth-Superior St. Louis and Douglas Counties | 1 | 3:30AM | <u> </u> | _ | 0 | | 4 | | Wind Storm | Lafayette Counties | Hook | 9 pm echoes w | ere de | tected i | by a | Marsl | all re | dio st | ation's radar nea |
| | | | | n rippe | | | | | ts Area early tion, the storm astern Duluth. | | mile | s northwe | st of 1 | iolden : | in Jo | hnsor | Count | y. Sh | radar about fiveriff's officers ds had been sigh |
| • | laid Most | a path of damage wa | damag s done | throu by fal | ghwe Len l | st Si Limbs | perion and un | q and e trooted | astern Duluth. | | just | south of ty spotter | Grain repo | Valley | and Tunne | north 1 clc | east o | f Hold | en. A Pettis north of Knob |
| | causi | ng power | putage h busi | sanda heece | htomo | bile | damage | l. Son | e window damage | | 9 pm | er in Joh about ter fic contro | n mile | south | of W | her f hitem | unnel an Aiz | cloud Force | was reported abou Base by the air |
| | winds were that | registere hroke loo | ine Ba Dby t | y Area, he Coas m its m | wher Gua | e gus rd St | ts to ation. as tak | 81 mil | es per hour reign ship shallow water | MONTANA | | - | | REPORT | | | | | |
| • | and q | prounded t Joats were | also | rily un proken | til t Loose | ne wi from | nd sub their | sided. | Several ings, but no | | | | | NET GIV | |) | | | |
| | damag in D | e was rep lluth was | orted. 45 mil | The pes per | eak g hour, | ust a | t the | Weaths | r Service Office | NEBRASKA | | | | | | | | | |
| illmar Kandiyohi County | 5 | 12:10AM | | - | 0 | 0 | 4 | 0 | Wind STorm/Lightnin | Buffalo County | 1 Three | 1:00 AM | inch h | i ail dam | 1 | Com | 0 fields | north | Hail |
| | ₩i 11d | ar where | wind | macte a | reced | b∧ 5d | in is | olated | areas of | | 4 .: | of Gibbon | | | | | | | |
| • | early gara | morning e at the | thunde Willma | rstorm. Area | The Vocat | roof ional | was b Techn | lown o | ff a double nstitute, and A nearby by fire due | Nemaha County | | Early Morning | | | | 0 | 4 | 0 | Damaging Winds |
| | roof lumbe to li | damage wa r yard al obtoing s | s also so sus | report tained | ed at damag broom | Lake e. M | land i | ursery amage, | . A nearby by fire due e incidents. | | i | erstorm w 4:20 PM | inds d | amaged | grain 0 | | | Auburt 7 | |
| orthome Vicinity | | ĺ | 41.03 | , ,,,,,,,,,, | PPOL U | | uwo s | Cpanus | e inclueits. | Pierce, Madison, Boone and Platte Counties | .5 | -6:45 PM | | | | 0 | 5 | | Damaging Winds and Hail |
| Coochiching County | 16 Thund | 8:00PM erstorms | - and wi | - nds in | 0 exces | 0 s of | 4 50 mil | 0 esan | Wind hour caused | | gust | to 2 inch ng 55 to | 60 ութ | .h. hea | vily | dama | ed cr | ps and | l |
| | consi Some | derable d areas wer | amage : e with | to buil out pow | lings er th | in t | he Nor the r | thome ight a | hour caused vicinity. nd into the uilding | | down | windows, d power li damage w | ines a | nd dama | ked 1 | uild: | ngs. | The | om. |
| | mornu under | ng. Dama construc | ge inc Lion a | tuded t t Mizpa | ne en nand | ture a ba | rrame rn jus | of a c | milding h of Northome. | | just | east of F | ierce l | south t | hroug | h No | folk, | Battle | 1 |
| tonville Area Big Stone County | 11 | 7:40PM | | | | | | | FUNNEL CLOUD | Merrick, Hall, Howard, Nance and | 5 | 8:00 PM | | | 0 | 0 | 4 | 5 | Damaging Winds |
| | | | | | | | | | | Hamilton Counties | Wind | gusting | 60 to | 70 թ.թ. | h. iq | thu | derst | orms | |
| | | | , | | | | | | | | down | d trees a d scatter | nd pow ed pro | er lind perty d | s, fl | atter | ed cr | ops, at | nd |
| | | | | | | | | | | | | rty damad | | around | nuz01 | a wh | re a | amper | |
| | | | | | | | į | | | Adams and Clay Counties | 5 | 9:00 PM -9:30 PM | | | ٥ | 0 | 5 | 6 | Damaging Winds |
| | | | • | | | į | | | | | flat | to seven | s, dow | ned tre | es an | d dau | aged b | heds a | nd |
| | | ļ | | | | | į | | | | | ge bins di d Inland a | | | | vies | damak | e was | |
| | | İ | j | į | į | | ļ | į | | Jefferson County | 5 | 11:20 PM | į | | 0 | 0 | 4 | 2 | Damaging Winds |
| | i | i | - 1 | ł | - 1 | i | - ! | i | | | | erstorm w | | owned t | rees | and j | ower | ines | |

| | | Ą. | РАТН | r | | . OF | | ATED [†] | · | | | 'AL | Ħ | I | | OF SONS | ESTIM. DAM | | |
|-------------------------------|----------------|-------------------------------------|--|--------------------------|-------------------|----------------|-----------------|--------------------|--|--|--------------|--|------------------------|--------------------------|-----------------|----------------|-----------------|------------------|---|
| PLACE | | | S) PA | PATI 2S) | FER | JUNG | <u> </u> | | CHARACTER OF | BI ACE | | χ ^Đ | S) PA | PATI | | | | AUE. | CHARACTER OF |
| PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | STORM |
| NEBRASKA (con | tinue | ed) | | | | | į | | · | NEW HAMPSHI | | | d) | | | . ! | _ | . | |
| Douglas and Sarpy Counties | . ! | 12:45 AM | | | 0 | ٥ | 2 | į | Hail | Haverhill, Grafton Cty Lisbon-Littleton area, | | 0:45-yp | | | 0 | 2 | 5 | | Severe Thunder- storms with Uncon- firmed Tornado |
| | One metr | inch hail area cau | fell b sing m | riefly inor da | in the | e so | thern | Omaha | | Grafton County, Whitefield, Dalton Coos County | | mon e cold | Pront | appro | achin | a fr | he | +9au | collided with trop |
| Kimball County | 7 | 5:05 AM | | ļ | ٥ | ٥ | 0 | 0 | Funnel Cloud | 5505 55415 | 1cal | air that | was t | he rema | tins d | f Hurz | icane | Freder | ic. |
| | A fur Kimb | nnel cloud | was s | ighted | 7 mil | es s | outhea | st of | | | the des | 113 year | old Be | dell co | vered span | brid bride | ge. 1 | he Bur | r-Arch truss Haverhill and |
| Cherry County | 7 | 8:30 PM | | | | 2 | 4 | 3 | Damaging Winds | | prig | ge across | the U | onnecta | cut դ | iver (| Tr # | as reg | o-span covered distered as a |
| | Hail Hail | to 2½ inc | hes in | diamet | er du | riven | by wi | pds | and Hail | | resi | onal Historion. | It wa | ite whi s dedic | ch ha ated | d juş on Ju | t unde | rgone 1979 | a 5-year, \$250,000 A line of sever the bridge, whose |
| į. | home | 60 m.p.h. and strip | ped fo | ilage. | Men | figh | ing a | prair | | | arci | es alone à | rei gne | d 32 to | ns, i | ron 1 | ts pí¢ | rs and | tossed it 50 s storm felled |
| | | in the ar | | te bruis ! | lectant | id nea | rriy k | mockea | | | tre | s and lim | bs whi | ch cut | utili | ty 11 | nes w | th 150 | O households out a 15-minute |
| Brown County | 7 | 8:50 PN | | | ٥ | 0 | 6 | 7 | Damaging Winds | | hurs on l | icane." Mashin | Others gton w | called as 119 | it " | a tid In b | al wat hitef | e of a eld-Da | ind." Peak wind lton, a helicopte |
| | Winds caus | in thund d severe | erstor | ms gust | ing Ain | 0 to | 80 m. | h.h. Tre | es | | mist | akably th | e resu | lt of a | skir | ping | twist | r." 1 | damage was "un- rees were uproote |
| | and ligh | ower line t towers k | s were | downed | cr Thr | ps fi e ai: | latten craft | ed and s and | | | leas | t 6 such | | | | | | | mmer blow. At and utility |
| Į. | fair | r were da grandstar | d was | destroy | ed. | Thir | y hom | | | NEW JERSEY | 1116 | s down | | | | | | | |
| i | ł | ged and th | ree mo | bile ho | !! | ! | | | | (Coastal Areas) | 6 | 4:30a | | į | ļ | 1 | | | Tropical Storm David/Tornado |
| Brown County | 7 | 9:50 PM mel was s | ichted | 2 mile | 0 | 0 | 0 | 0 | Funnel Cloud | | Trop | ical store Jersey bro Ity lines | David aking | gueste up thou | d vio | lent! of | y thre | ugh ind | |
| | | worth. | 2511000 | | 1101 | | | 0. | | | 500, | 000 househ | olds. | As it | dound (| d So | ıthern | N. J. | |
| Brown County | - 1 | 10:00 PM | | | ٥ | 0 | 0 | 0 | Funnel Cloud | | feet | rains of above nor | mal. 1 | he stor | da soa | wned | at le | ist | |
| | | nnel cloud Pine. | was I | eported ! | 3 mi | iles : | orthe | pst of | | | pers | tornado in on and des k driver w | troyir as bru | g at le | en D | hree vid' | homes wind: | A | |
| Holt County | 7 | 10:30 PM | | | 0 | 0 | 4 | 0 | Lightning | | his | truck over rstate 299 | at Fo | gg's Ti | uckst | op ji | st of | | <u>,</u> |
| | | resulting derable d | | | | | | | | NEW MENIO | off. | , | | REPOR | | | | | |
| Knox and Antelope | j | 11:00 PM | Amore e | 1 | 10 | 3 | 4 | j 2 | Damaging Winds | NEW MEXICO | İ | | NONE | REFOR | | | | | |
| Counties | | ng thunder | L. + |) Israele (| į | | he ond | 1 | 1 | NEW YORK |] | | | | | | | | |
| i | line | ng thunde. s. A mob royed and | le hor | de 1 mi: | le we | st of | Niob | | | COASTAL Extreme Southeast, | | | | | į | | | | |
| Madison County | в! | 1:10 AM | | | 0 | 0 | ? | ļ ? | Damaging Winds | Nassau, Suffolk Co.) | 6 | abt.4:30a | | | 1 | ? | ? | ? | Tropical Storm David |
| | Wind | s gusted . | to 60 : | i d.p.h. 1 | behin | i A thu | nders | bras | | | Trop | ical Storm tan areawi | David th gal | lashed e force | thre | ugh i s and | he me | ro- rain | |
| | i | he Norfoll | area. | l No da | - | ! 1 | | ! | ***** | | of t | tan areawi fing resul ne unusall | y high | tides | brou | ht or | by th | e ful | |
| Howard County | 8 | Early Morning | | | 0 | 0 | 5 | 0 | Lightning | | area | at perige was hit b said to be | y one | of the | small | l ton | adoes | that | |
| | | started 'Paul | y lig | htning | destr | pyed | a bar | near | ! ! ! | | flyi | id. A Brod ng glass f | klyn f rom a | actory window | worke blow | r was | by a | d by rust | |
| Scottsbluff County | 10 | 5:15 PM | 1 | | 0 | 0 | 4 | 4 | Damaging Winds | | or w | inch of r | rea re ain ir | ceived Long 1 | just slan | 1.2 | than (| ne s in | |
| • | | -6:15 PM | ļ | İ | | ! | | | | | per . | ral Park w nour with | ith wi gusts | nd at t to 55 m | he ra iles | te o | 53 m our at | les | |
| | topp | s gusting led trees | down | ed power | † lin | es an | d dame | ged | | NEW VORK | 0745 | ppr. | | | | | | | |
| | | crops. | | | arm d ! | i hrtar | ng waa I | 1 | | NEW YORK CENTRAL | l. , | | | | | | | | |
| McPherson County | 10 | 10:30 PM | | <u> </u> | 0 | 1 | 2 | 0 | Lightning | CENTRAL AND LOWER HUDS VALLEY: EASTERN CATSKI | LS | MIDNIGHT- | | į Į | ! | | | | |
| | | n near Tr electrica | | | | | htnin | hit | | | " | 2 PM | | | 0 | 2 | ° 6 | С | TROPICAL STORM |
| NEVADA | | | NONE | REPOR | TED | | ļ | | | | WITH | AREAS OF | HEAVY | RAIN A | ф ню | H WI | MDS. 1 | fajor i | ASTERN NEW YORK POWER OUTAGES |
| | | i i | | | | | į | ļ | ļ | | WITH | WINDS UP TIES. FUI | TO 60 L REST | MPH WES | TCHES OF I | TER, | ROCKL. | ND, O | RANGE, AND PUTNAM FIVE OR SIX DAYS. |
| NEW HAMPSHI Statewide | | 11a-5p | İ | İ | 0 | 12 |) 6° | i ! c | Wind and Rain | | AT S | AWKILL CRE | EK NE/ | R WOODS | TOCK. | WIT | i up t | SIX | VERE FLASH FLOODIN INCHES OF RAIN |
| | Rema | nants of h | l urrica | ne Dav | ld car | dsed 1 | neavy | ains | which produced | | SCAT | TERED MINO | R DAMA | GE NOT | о тн | LOUGH | UPPER | HUDSO | ND HEAVY RAIN WITH N VALLEY TO ESSEX EARLY EVENING. |
| | Win | ds blew to | ees ov | der and | snapp | ded t | ree li | nbs of | out the state. | ST. LAWRENCE COUNTY | 1 | 1AM-4PM | DNITE | I IN CDA | 0 | 0 | ? | , spring | REMNANT HURRICANE |
| | Als | , there w | ere m | merous | Stor | η-rel | ated t | daffic | and vehicles. accidents and y estimated that | 200000 | | | ane fi | EDERICE | ! | ! ; | | | THUNDERSTORMS S LOWER GREAT |
| | power to | er outage as long as | affect 16 ho | ted 22,0 purs. : | OjOO ha Dhe wa | qusen drst | olds f | rom ju mortec | st a few minutes by Public Service | | LAKE ST. | 5 RESULTIN LAWRENCE V | G IN 1 ALLEY | EAVY RA | INS 1 | veste: Even | RN NEW | YORK, RAIN | EXTENDING INTO IN PARTS OF |
| | of I | lew Hampsi hetween | ilre wi Rittsbu | hjen 120 otre (Cod | hdle oks Co⊤ | (stre (dntv | tch of | power d Cana | lines was wiped an. VT. So many | | ACRO | SS EASTERN | NEW Y | ORK DU | ding a | AFTER | IOON A | ND EAR | EQUENTLY MOVED LY EVENING |
| | Mt. | es downed Washingto | pthat in the state of the state | ipine hai ehv. 6,2 | sto 88 ft | be re | իսու եւ | Peal | winds reported: | | DAMA | GE IN CHEN | ANGO, | HERKIM | R, AI | D OT | EGO C | DUNTIE | SCATTERED WIND S. ALSO ESSEX |
| | Por | smouth (1 | nease / | агв) - (І | l oh wbj | 7 | | İ | i i | | | CHESTER COL | | | 0017 | 6204 | LI UKA | ios, R | OCKLAND AND |
| , | | | | } | | ļ | | | į | | | | | | 1 | | | | |
| | | | | | | | | | | | | | | | i 1 | , | | | |
| | | | | | | | j ! | 1 | <u> </u> | | | | | | | | | | |
| , | | | 1 | | | 1 | 1 | | | 1.1 | | | | ı | 1 | | . ; | | |

| | | _ بر | Ŧ | | NO |). OF | ESTIM | MTED† | | | | ۔ ا | Ŧ | | NO | OF | | ATED† | |
|--|----------------|--------------------------|------------------|--------------------------|----------------|--------------|---|------------|--|--------------------------------|--------------|---|-------------------|--------------------------|--------------|---------------|-------------------|------------------|--|
| | | B | PATH | Ę | | RSONS | | WAGE | | | | , W | PATH | Ę | | SONS | | MGE | |
| PLACE | DATÉ | TIME - LOCAL STANDARD | LENGTH OF F | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | CHARACTER OF STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF P | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | CHARACTER OF STORM |
| NEW YORK / | | | I | | | 1 . | ! | <u></u> | <u> </u> | | Щ- | <u> </u> | L | L | L | L | Ļ | <u> </u> | |
| NEW YORK (co | ntin | uea) ! | | | | | | Ì | | OKLAHOMA (co | | | short | narrow | 0 | 0 | 2 | 0 | Tornado |
| Erie, Niagara, Orleans | . 9/1 | L Morning | | | 0 | 0 | 27 | c | Heavy Rains | Cotton County | Torn | do touch | d down | in the | Bra | lley | Bridge | area, | west of Walters, |
| Genesse, Wyoming, Chau tauqua & Cattaraugus | . " | | | | 1 | Ĭ | ' | ľ | | | and | damaged so | me tre | es. The | fun | hel w | as obs | erved | aloft to the east |
| Counties | The r | conants o | Trop | ical St | orm F | reder | ic hro | nght r | ecord amounts of | Ponca City. | 6 | 5:55a | | | 0 | | 5 | ļ. ļ. o | Lightning Strik |
| | և. 9և | inches. T | e mar | מין מיטמו | torde | d in | the ar | ea was | al Airport received 7.10 inches at | Kay County | | i | -ad a | fire vi | | ļ | l | ! | manufacturing |
| | stage | s. There | vere ç | puntles: | s cas | es of | bases | ment f | ove their flood looding. Many roads | | | any. | | | | | , | ! | |
| · | was 1 | ery high. | | | | | | | Damage to crops streams were | OREGON | Į | | | | | Į | j | ! | |
| | evacı | ated. | | | | | | | | Mt. Jefferson Jefferson Co. | 1 | Afternoo | n I | İ | j 1 | UNK | UNK | UNK | Lightning |
| New York | | | | | ĺ | | | | | Deschutes Co. | 1 | Afternoo | ≱1 | į į | 0 | i unk | UNK | UNK | Wind |
| (Western Finger Lakes | | | | | | | ٥ | | | Douglas Co. | 1,2 | | | ! | 0 | 0 | UNK | UNK | Heavy rain |
| Monroe & Livingston Counties | Heavy | Morning Enounts | of rai | nfall f | 110 | ver t | 6 he Wes | C tem P | Heavy Rains inger Lakes Region | Malheur Co. | 27 | Evening | | ! | 0 | | UNK | UNK | Heavy rain, |
| , | durin Airpo | g the pas | sage o | f the r | emain s. Th | ere w | Tropio ere ma | al Sto | rm Frederic. Rochest es of basement | | | | | [| | | | İ | flash flood |
| | flood | ling. Ther | e was | floodin | gin | boor | draina | ge are | as. Damage to onion | PACIFIC | | | INO K | EPORT | KECE | I I AF | į | į | |
| NORTH CAROL | _ | | | · · | _ | | | | | PENNSYLVANI | Å | | ,,, , | EPORT | Dec | Iver | ! | İ | |
| Statewide | 4-5 | ! | stat | wide | 1 | ? | 7 | 6 | Hurricane | EASTERN DENNIGNE MANU | ļ | | I NO R | EPORT I | KECE | IVEL | ĺ | 1 | |
| Hurricane David mo | | | | | | | | | | PENNSYLVANI WESTERN | A | | | j I | ! | | | [| |
| extensive tree dam erosion on souther | | | | | | ners | along | ine ox | Mast; beach | Erie County | 14 | 3 AM | ! | <u> </u> | G | 0 | į į | 0 | Heavy Rain |
| Sweet potatoes, co million damage on | | | | | | | | | n. \$5 to 10 | | Renu | ents of H | rrica | e Frede | ric : | prea | heav | y rain | over the |
| One man was killed | | ! | | 1 | i | i | ! | i | . Main stream | | floo | ding and | amage | and for | cing | the | closin | g of s | bme schools and The worst damage |
| flooding on the L | | | | | | | | | 122.02.0 | | was | the collap | se of | a roof | at ti | ne Er | ie Met | ropoli | tan Transit |
| Mountains & Piedmont | 21-2 | | | ļ | 5 | ? | 7 | 6 | Flooding | DIFFERMO DAGO | Auti | prity gar | ge wne I | ne 4 bi | ses i | heLe | buibarr | Pa. | |
| Flash flooding and flooding, mud slid | | | | | | | | | | PUERTO RICO | | | j | | | i I | | | Tropical Storm |
| Mount Airy where t | here | was over | 615 mi | llion d | amage | | | | ic was | Islandwide | .4 | | İ | i i | 0 | 0 | •7 | C | Frederic |
| Cherokee County | 21 | 5:15 pm | 1/10 | 100 | 0 | 0 | 4 | 3 | Tornado | | | | | | | | | | August 30th by tember 1st. It |
| A tornado touched Some roof and tree | | | | south o | E Mur | phy a | nd one | mile | east of town. | | mair | tained mi | imal i | urricat | e st | engt | h unti | late | September 3rd as it approached |
| Some root and cree | dan | ige occurr I | д и. | | ļ | | ĺ | | | | the | Virgin Is | ands/ | uerto I | tico | area. | The | storm | entered the east Wind damage on |
| NORTH DAKOT | | j | | | | ١ ; | ĺ | • | | | the | island wa | i mino | with t | he h | ighes | t wind | la at S | an Juan Interna- ganized center |
| (Cavalier County) | | 4:15p CST | | ļ . | i 0 | 0 | 0 | 10 | Hailstorm . | | move | d across | the is | land. ? | he h | eavy | rainfa | Ll ass | ociated with this ities. The most |
| | | fball size | d hail | j. Nod | lamage ! | e rep | orted. | ! | | | inte | nse rainf | 111 oc | urred : | n th | вou | th eas | tern p | art of Puerto Rice itions that the |
| Bismarck (Burleigh County) | 26 | 4:30a CST | <u> </u> | ! | 0 | l i | 3 | 1 1 | Lightning | | area | had prev | ously | suffer | d wi | th th | е разв | age of | Hurricane David y rainfall measure |
| | Lig gan | htning str age door o | ike se pener. | t a gar | age o | n fi | re, bl | ew apa | rt an automatic | | at 1 | on on the | 4th, | 5th and | 6th | was | 18.07 | inches | at Pico del Este |
| оню | | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | <u>'</u> | | | 12. | 7 inches | neasur | ed at 8 | 00 A | f on | the 5t | h at P | bne-day total was araiso on the sout |
| LORAIN COUNTY | 7 | 1730 | - | - | 0 | 0 | 5 | 0 | HIGH WINDS | | east | ern and s | uthea | stern ri | vers | Ri | o Sant | liago n | ng occurred on all ear Naguabo had a |
| | A | hundersto | ma mov | i ed acro | ∣ ss Lo | rain | County | Airpo | ort with wind gusts | | per: | od. Litt | le or i | ho dama | e oc | curre | d in t | he nor | red year return thwestern half of |
| | to | 85 MPH. | Ten p1 | anes at | the | airp | rt we | e sev | erely damaged. | | pari | ily inunda | ted: 1 | Ceiba, 1 | ajar | do, N | aguabo | , Huma | lowing towns were cao and Yabucoa. |
| SOUTHEAST 2/3 | 13th 15th | - | - | - | ? | ? | 8° | С | HEAVY RAIN | | cri | ical time | was b | etween i | bout | 5:30 | PM or | the 4 | a. The most th until about |
| | The | remains | of hur | ricane | Frede | rick | dumped | heav | rains on the | | in (| he Humaca | p area | High | ay 3 | was | Hamage | id agai | s were the highes h by wave action |
| | 501 | theast 2/ | 3 of t | he stat | pe. q |)onsi¢ | lerable | flood | ling occurred in aking place in | | just | west of cao were | Naguab all un | þ. Parí der wati | elas T. | Nuev Do th | as, Vi | ejas a h coas | nd Verde Mar in t, Juana Diaz was |
| , | mai | y areas 3 | Omile | s eithe | r sid | le of | a line | from | Cincinnati to | | floo | ded by the | Jaca; hilla | uas Ri and Aru | er w | ith 3 st π | å fami ain ro | lies e ads in | vacuated from to Ponce were |
| OKLAHOMA | | ingo comit. | 00 00 | | | | | | arra scorm. | | bloc in I | ked by wa ost inter | er an | l lands | ides road | Th s inc | ere we luding | re num Road | nd verde mar in t, Juana Diaz was vacuated from to Ponce were erous landslides 385 out of Naguab ll as roads |
| Medford Area, | 1 | late | | | 0 | 0 | 5 | ? | Windstorm | i | Road | s 908, 90 ing to ru | 9, 923 ral co | and 92 | out s no | of H | umacac f Yauc | as we | ll as roads |
| Grant County | | evening | | | | | | | | Vieques Passage | l | 12:15 p. | | | 0 | 0 | i I 0 | i | Waterspout |
| | 6- <u>k</u> m. | iles west | of Med | ford. A | t abd | ut .8 | 20 pm | wind | home located destroyed a mobile | | " | | i 1 | į | | * | | į | |
| | nome abou | at the Me 15 feet | dford before | airport fallin | . It g on | was its | ot ti | ed dow | a and was carried as of a large hanger ad walls. Several | Canovanas | 29 | Afternoon | 1 | ١٠. | 0 | 0 | 3 | 0 | Flash Flood |
| 1 | Airc | raft were l | damage | ld, Dame | ge wa | s alp | o repo | prted } | it a lumber yard, | | Heav | y rains o | betw | en 2 ar | d 4 | nche | s in a | pout 4 | hours caused free law luine ero |
|] | gree repo | nhouse, ar rted at Po | d seve | ral sma ek. | 11 8 | ruct | res. l | oof a | nd tree damage was | | Four | teen hous | s rec | ived m | nor | | | | ing low lying are families were |
| Stillwater, | | 10:00p | | | ٥ | 0 | 4 | , | Windstorm | D.V.C | l | uated for | a sho | rt perio | id. | | į | | |
| Payne County | Wind | of 80 to | | | | | | Munic | pal Airport. A | RHODE ISLANI Statewide |) | <u> </u> | į | i 1 | 0 | 1 | 5 | | Tropical Storm |
| | tota | l of 13 pl | | | | | | | | | | į | | į į | ! | | i | | David |
| Alfalfa County | 2 | 12:54a- 1:02a | İ | İ | İ | | į | | Funnel Cloud | | Bill brow | ed the "t pht light | red" s | torm in | thi | sta | te Dav | d | |
| | Obse | rved 2 mil | 88 701 | th as d | ا ماما | - - | , i | į | ļ | | gene | ed the "to pht light rally 60 M r moorings lited as a but the dr e sustaine | PH. | bout 20 | -40 s | mall | boats | is libb | ed |
| | | | "0 | or a | [| ratus | j | ļ | | | resu | ted as a | tree f | ell on | an al | tomo | prily o | µe inj Winds | ury nield |
| | |] | | | | | Ì | | | | stat | cut the dr e sustaine roofs dest | jiver s d most | tace. damage | Nort | nwes arns | port were | ions o | the down |
| ! | | | | | | | | | | | | | | | | | | | |

| | · · · · · · · · · · · · · · · · · · · | т— | | | | | | | , | | | | 1 | | r | | SEPTEMBER 1979 |
|--|--|-------------------|--------------------------|-------------------------|-------------------|--------------------|---|-------------------------------------|------------|---------------------------|------------------|--------------------------|-----------------|----------------|-------------------|--------------------|--|
| | 15 | PATH | Į | NO. OF PERSON | | MATED† | | | | CAL | РАТН | E | | . OF | EST IM | ATED† MGE | |
| PLACE | DATE TIME - LOCAL STANDARD | P 8 | WIDTH OF PATH (YARDS) | | > | T | CHARACTER OF | PLACE | İ | TIME - LOCAL STANDARD | P 85 | WIDTH OF PATH (YARDS) | | | _ | | CHARACTER OF |
| , ence | '.V | F. F. | YAR. | _e <u>e</u> | ER | س | STORM | , tace | ۱., | - AOA | E E | YAR | e | 8 | E | ري ا | STORM |
| | DATE TIME STAN | LENGTH OF | Į (| KILLED | PROPERTY | CROPS | | | DATE | FIMI | LENGTH OF (| YIDY , | KILLED | NJURED | PROPERTY | CROPS | |
| GOLIMIT GURGE | <u> </u> | | 1. | | <u> </u> | | لـــــــــــــــــــــــــــــــــــــ | <u></u> | <u> </u> | | Ľ | <u> </u> | ب | | <u> </u> | | <u></u> |
| SOUTH CAROL | LNA; 4 0930 AM | 2 | 60 | 0 0 | 2 | 0 | Tornado | TEXAS NORTHERN | | | | | | | | | |
| Charleston, S.C. | Tornado touc Time on grou | | wn near | | | | | Balch Springs, | 6 | 8:15 p | | } | 0 | 0 | ? ' | ? | Windstorm |
| | to property. | | 1 | 101 (.) | referation : | linage | | Dallas County | Str | ng thunde | rstorm | winds | l downe | dar | adio a | Intenna | and several |
| North Litchfield | 4 930 PM | 1 | 66 | 0 0 | | | Tornado | | pow | r lines i | n the : | Balch S | pring | s are | a. | | |
| Beach in Georgetown, S.C. | Tornado a 5 beach fron | t home: | s; did d | extensive | struc | tural | | Lake Tawakoni, Hunt County | 6 | 8:30 p | | | 0 | 0 | 4 | 0 | Windstorm |
| | damage to a ficant damag | | | | x; and | bigni- | | , | A s | vere thun | lersto | hm resu Lake T | l ted awako | in co | nsider | able w | ind damage to the lan. Damage |
| Cherry Grove area of | 4 11:05 PM | į į | į į | 0 0 | 5 | | Tornado | ļ | occ | rred to o | ne of | the boa | t hou | ses a | nd to | the ma | rina itself, |
| North Myrtle Beach, S.C. | Tornado move utility dama | d inla | hd and d | aused w | idespre | alt . | i i i i i i i i i i i i i i i i i i i | mpy 40 | Wife | te the roo | was | piown o | 1 01 | Lile | | l hrR· | |
| 310. | buildings an | d roof | destro | yed. | i i | 1 | | TEXAS SOUTHERN | | ļ , | SEE | END OF | TAB | LE | | | |
| Ocean Drive Beach | 4 11:10 PM | 1 1 | 96 | 0 0 | 6 | 0 | Tornado | | | ! | | | | | | ļ | |
| Near North Myrtle Beach, S.C. | Tornado touc Beach; destr | oyed s | ome fish | hing bier | rs and i | roduce | ļ ļ | TEVAC | | | | | | | | | |
| | fires that d | estroy | ed almos | it comple | etted co | ndomini | μm | TEXAS WESTERN | | | | | | | | j i | |
| | and a motel. | | | | | 1 | | Fritch, Rutchinson County | 2 | 8:30p | | İ | 0 | 0 | 5 | 0 | Windstorm |
| Windy Hill Beach Near North Myrtle Beach. | 4 10:05 Tormado move | l 1 | 63 | 0 0 | 5 | destr | Tornado | _ | Sta | aight-line | winds | estima | ted a | t 60 | -70 mpl | were | received in the |
| S.C. | 80% of the r | oofs ii | the se | ection of | town (| ગેosest | ! | | ext | ensive dan | age to | window | s and | veg | etatio | in t | winds caused ne town and |
| | to ocean. A destroyed an | | | iningi pie | ers wer | 1 | | | par | k. No one | was i | njured. | Ove | r tw | inche | es of | ne town and n a mobile home rain was also ported to be so received. |
| Eastern and Central | 4-5 - | - | - | 0 0 | 7 | ! 0 | Hurricane | | flo | duced by t oded brief | he sto ly in | rm and the tow | jsever in. S | al r | bads wa hail w | ere rej Vas ali | ported to be so received. |
| s.c. | Center of Da evening of 4 | vid ent th and | tered S. moved r | C. near | Savann: theast | n on across | | | Dan | ages were | estima | ted to | be \$8 | 0,00 |). | | |
| | S.G. reachin | d N.C. | early o | n 5th. | Damage | totall | ed avv | Parmer, Northern Bailey Counties | 3 | 3:00p | unk | | 0 | l ¦ | 5 | . ! | Tornado, Hailstorm |
| | Center of Da evening of 4 S.C. reachin 10 million d beach erosio and resultan | n, dama | ge from | high wi | inds, h | avy ra | ins | • | A l | arge, seve | re thu | ndersto | rm de | velo | ed at | appro | cimately 2:30 pm The storm began mm as it moved |
| | ' | | | | | | | | to | produce ha | il 7 m | iles we | st o | Frid | na ab | out 3 | m as it moved |
| SOUTH DAKOT | A | NO RE | PORT I | RECEIVE | P | ļ | į | | SOU | thward T | oss Bo | vina to | Lari | at. | The w | idth of | the path varied |
| TENNESSEE | | | | | į, | Ļ | | | It | n 6 miles again tape | red to | 6 mile | on en | e at | nearly Laria | and i | les at Bovina. retained this |
| Centerville, Hickman County | l Mid-afto | İ | | | 4 | | Lightning | | ter | th as it m minated at | Obyot Obyot | outhwar e Lake | d int | o Bai irth | ley C entra | bunty. Baile | tetained this The path y County. The ye as golfballs, proke plate-glass |
| | cal storm, as | the i | ne was | totall; | y destr | byed. | during an electri- According to the | | hai but | in Frion somewhat | a was flatte | reporte ned lik | d to e sau | have cers | been The | s lar hail b | e as golfballs, roke plate-glass |
| | owner, this w was built in | | third 1 | ime the | hjome h | ad beer | struck since it | | win | dows and o | ther w | indows thousa | and d | id o | nside: | rable q | lamage to roofs cores of cotton, nuction being |
| Newport, | 3 Early | | | | 4 | į | Flash Flooding | | soy | beans and | vegeta just n | bles we | re lo | st wi | th the | desti | nction being reported to have |
| Cocke County | morning | | | | - | į | · | | bee | spotty f | rom so | uth of | Bovin | a to | Laria | :. "I | Topozood to imic |
| * | | | | | | | 2-1/2 hour period ed power outages, | | In | ailey Cou | nty th | e storm | prod | uced | a tor | nado 5 | miles northwest of |
| | flooded roads | and b | asement | , and f | orced w | ater in | to several build- O inches deep in | | at | 5:40 pm. | No oth | er info | rmati | on wa | s giv | n on t | c Safety personnel the tornado. The |
| | the boiler ra | obno of | the New | ort Gra | nmjar Sc | hool. | Much of the | | by | winds mist | ing to | an est | imate | 4 50 | to 60 | uranei | The combination |
| | large amount | of run | off from | n the st | omin. | peing | able to handle the | | 50, | 000 acres i | of cot | ton and | com | ; and | pile | hail a | n 30,000 and s deep as 3 inches |
| West and Middle | 13- 6 a. 13th | | | | 7 | 7 | Heavy rains, | | in bod | some areas Les as well | . Dam las m | age was oofs an | alsd d wir | repo dows | of hop | o car | windshields and |
| Tennessee | 14 to Noon 14th | | | | | ł | flash flooding, winds | McCauley, Fisher | 3 | 4:50p | | | 0 | 0 | 4 | 0 | Windstorm |
| | | | | | | | Hurricane Frederic | County | St | aight-lin | e wind | from: | a thu | hders | torm w | ere re | ported to have |
| | bringing heav | y rain | s and h | igh wind: | s prima | dily to | early on the 14th, Middle Tennessee. | | de mo | troyed a i | mobile was re | home n | ear M to ha | cCaul ve be | eyin en on | Fisher blocks | County. The and not tied |
| 1 | West Tennesse the southeast | e caug | nt some r of We | of the : st Tenne | rains a ssee. | dd wind Nost of | s especially in East Tennessee | | ďQ | | s blow | over | on it | stop | . No | estima | te of the winds |
| | escaped the a | ffects | of the | storm. | The lo | press | ure center moved aski. It moved | UTAH | | ı | | REPOR | i i | | | | |
| | acrass the st | ate no | theast | ward tra | ckling c | lose to | | | | | | | ĺ | | | | |
| | inches) fell | within | an are | a 100 mi | les nor | th and | west of this track. 40 miles an hour | VERMONT CENTRAL AND SOUTH | 6 | VAM-9PM | | | 0 | 0 | ? | ? | TROPICAL STORM |
| | with gusts fr | equent | ly as h | igh als 5 | 0 to 60 | miles | an hours. The | | 1 | ! ' | ANE DA | VID MOV | ED NO | RTHE | i | i i | SS CENTRAL VERMONT |
| | damage. Rain | was t | he bigg | est thre | at from | the st | o widespread tree | | WITH | ONE AND Q | NE HAL | F TO TH | REE 1 | NCHE | RAIN | AND W | INDS TO 50MPH. |
| | | he rai | ns forc | ed nany o | creeks | and str | eams out of their | | MODE | RATE CROP I | DAMAGE | PARTS | OF CA | LEDO | NIA AN | ORAN | GE COUNTIES. BARN LL TORNADO 4:30 PM |
| 1 | | tay of | this ye | er. The | Heavy | rains, | however, did con- | | NEAF | RUTLAND d | AUSING | SOME P | ROPE | TY D | MAGE. | i snu | LONGALDO 4130 FR |
| ľ | siderable dan 1000 persons | | | | | | estimated where flooding | CENTRAL AND NORTH | 14 | 5-7 PM | | | 0 | 1 | ? | ? | THUNDERSTORMS |
| | | nage w | | | | | oads throughout | | COLI | FRONT ASS | OCIATE | D WITH | REMN | ит н | JRRICAL | I NE FREI | DERICK MOVED ACROSS |
| Clarksville, | 19 Morning | | | | 4 | | Flash flooding | | CENT | RAL VERMON | T. WI | ND DAMA | GE F | IRLY | WIDES | PREAD | FER OUTAGE IN ADDISON AND ORANGE |
| Montgomery County | l i ~ | | | 4312 | i | <u> </u> | | | coun | TIES. MAN | Y TREE | S WERE | DOWN | D IN | CHITT | ENDEN | AND FRANKLIN |
| | hours produci | ng flo | ding t | r ough out | the c | ί¢τy. Ο | early morning ivil Defense | | 1 | į ¦ | | | | | | | |
| , | one week ago | vith t | ne heavi | raihs i | from th | remna | he same area hit nts of Prederic. | | | | | | | | | | |
| 1 | Numerous home were made imp | | | | | le loca | l hospital. Roads | | | | İ | | | | | | |
| Murfreesboro, | 20- 6 p | |] | | 5 | | Flash flooding | | | i | ! | | | | . ! | | |
| Rutherford County | 21 11 a. | | | | 1 | | | | | j ! | ļ | | | | | | |
| | | | | | | | ight and Friday ense. Flooding | | | | | | | | | | |
| | occurred at t | be Cou | rthouse | with ext | ensive | damage | . Other buildings nd about 150 cars | | | | | | | | | | |
| | in a parking flooded when | ot at | Middle | Tenness | e Stat | e Univ | ersity were | | | | | | | | | į | İ |
| | Numerous road | | | | | | | | | | į | | | | | | ŀ |
| | | | | | | | _ | _ | | | | | | | | | |

SEPTEMBER 1979 NO. OF PERSONS ESTIMATED! NO. DF **ESTIMATED** TIME - LOCAL STANDARD TIME - LOCAL STANDARD DAMAGE WIDTH OF PAT WIDTH OF PAT CHARACTER CHARACTER LENGTH OF PS (S PLACE PI ACE PROPERTY PROPERTY LENGTH (INJURED STORM STORM INJURED KILLED KILLED CROPS CROPS DATE DATE VIRGINIA Statewide VIRGINIA (continued) 1 24 7 5 Tropical Storm 0 Rain, Flooding Tropical Storm "David" moved through the western portion of the stade during the afternoon and pwening of the 5th. reaching eastern Pennsylvania early on the 6th. Although awrange bind velocities were 45 mph in guste, a rash of at least 8 tornadoes were responsible for over half of the total damage in the storm (tornado data will be treated in the immediately-following summary). Rainfail avenaged between 2" and 4" with amounts of 6" or more reported in Amelia County and in the Nirfolk ards. The official observer at Big Meadows recorded 8.93" and the greatest amount - 9" occurred at Foor Mountain near Roanske. Local flooding was fairly widespread with the most seriops water damage in the following areas: Colonial Heights-Petersburg; over Rappahannock, Page, Madison and Orange Counties where flooding bekan shout '9PN on the 5th; and in the section around Colonial Beach One fatality and 19 injuries were attributed to tornado activity. Fower outges due to the large number of failen trees amounted to some 80,000 homes over the state. Total damage from thee fall, flooding, high tiddes, wind and tornadoes was figured at 88,572,000 - of which about \$5.5 million was from tornado activity. Newport News, Hampton and Fainfax City and County were especially hard-hit by tornadoes. Crep loss over the state was estimated at around \$160,000.

Tropical Storm "David" generated at heast 8 tornadoes over the ex-Southwestern and Southern portions Low pressure center moved through the southeastern states to off the North Carolina-Virginia coastal section between the 21st and 23rd Heavy rain fell over the south cantral counties of the state with amounts ranging between 4" and 1" from evening of the 21st to the morning of the 27md. Flooding of Ismall Istreams and rivers resulted with some 400 secondary modes closed and 8 bridges destroyed Patrick County, in particular, duffered considerable devastation and damage in that downry alone was estimated at \$10 million, of which \$800,000 was to homes - at least one house completely washed mawy. In Bedford and Boterourt dounties flooding began around 8PM on the 21st...while the most serious filooding along the southern central counties occurred on the 23rd. Damage over the atate was estimated at over \$30 million, of which nearly \$15 million occurred in the following six counties: Carrell, Patrick Franklin, Henry, Pittsylvania and Halifax. Of the total, some \$1,50,000 was crop damage. Rain associated with a small low center that moved northward from the coastal Carolinas to off the Virginia coast ended one of the wettest Septembers on record. Rainfall totaled between 2 and 4 inches! with a 6-inch total at Bon Air near Richmond. Flooding of roads and low-lying areas was cqueentrated mainly in Chesterfield, Powhatan, Amelia and Nottoway Countids..starting late of the 30th and continuing into early morning on October 1st Bridge and road damage in Amelia County amcunted to \$20,000. Total storm damage estimated at Hetween \$60,000 and \$80,000. Crop loss was estimated at about \$8,000. Trodical Storm "David" generated at heast 8 tornadoes over the extreme east portion of the stated, from Newsort News on the south, to sairfax and Loudon Counties on the north. The track of these was generally from southeast to northwest. A summary of occurrences is as follows: 4:00 p | 2.5 | 50 Newport News vicinity 0 2 6 0 Tornado Struck the James Landing section, deptroying 3 homes and doing ma jor idamage to 37 others, along with less severe Mamage to another 36 Homes. Hundreds of trees were broken off, upthooted or significantly damage! A full-sized car was carried 40 feet and dropped upside down. Fotal Bamage: 182,119,000. mes and doing ma-VIRGIN ISLANDS St. Thomas, St. John, St. Croix Tropical Storm 0 0 0 0 7 Hurricane Frederic weakened to ropical storm intensity after passing thru the notthern Leewards as it approached the Virgin Islands late on the 13rd. The most sprious' wind damage reported was to the Warren E Brown apartment complex near Bluebeard's Castle on St. Thomas where roofs were blown off three large buildings leaving about 50 families homeless. Possible tornadic action has been reported with this event but not confirmed. In all three islands (St. Thomas, St. John, and St. Croix) there were a great number of fallen trees and downed utility lines. Plooding was more serious than with the bassage of Hurricane David during the previous week due to much heavier rainfall following the passage of Frederic In St. Thomas and St. John up to 14 inches of rainfall were reported during the storm passage while at St. Croix up to 24 inches were recorded. In St. Thomas 4 small homes were destroyed and about 59 suffered damage. In St. Croix many people suffered damages to interior household effects from flooding in the Mon Bijou, Glynn, Paradise, Williams Delight and Frangi Pangi areas where quemally dry guts! overflowed Water supply and sewerage problems were serious in St. Croix. Heavy damages occurred in St. Croix to culverts, bridges and heavy erosion from wave action was reported along the coast.

17 8:50 a. 0 0 0 Waterspout 0 9 5 4:20 p 0.5 30 0 Hampton area Tornado Moved through the Buckroe Beact community and completely destroyed one house, caused major damage to 8 others and minor damage to another 19 homes. Damage was estimated at \$450,000. 4:30 p 0.5 20 0 0 4 0 Gloucester County 1 tornado damaged 19 homes to the extent of \$10,000 and also around \$20,000 damage to property and boats as well as some did around \$20,000 damage age to a marina. 5:15 p Dahlgren (nr), King Georges Count 2 40 0 0 | 5 0 Torhado severely damaged one home and unroofed the house next door to it. The next point it touched down was around 1/4 mile northward near the Potonac River Bridge, where it filtped a truck over. Apparently the same tornado caesed several boats to sink and damaged a house lat Waugh Point Marina, several miles further up the river. Estimated damage: \$80,000. Brooke (nr), Stafford County 5:15 p 2 0 0 Off St. Thomas 8:50 a. ٨ 0 0 Waterspout "Sounded like a train coming through" as it lasted several homes while bouncing along a 5-mile stretch between Brooke and Marl-borbugh Point, Roads were blocked by battered trees. Estimate of 10 miles north St. 2:45 p. 0 0 0 Waterspout Off St. Thomas 27 5:30 p. 0 0 damage: \$40,000. 0 0 Waterspout 6:00 p-6:30 p Fairfax County and Fairfax City 1 6 6 300 0 WASHINGTON 6:30 p
Tormhod first touched down mear Growton, where a shopping center sustained \$8,500 damage. The track was then in a skipping pattern toward the nouth northwest, where it mext jouched down at Fairfax City, Joing \$350,000 damage to Woodsph High School property, extensively damaged sayeral Homesi along with a nekly-constructed offite complex. The firmnel Japparently struck again in the Great Fails area where a large tree was toppled onto a house, killing a man who was caught in the debrit. In all, some \$9\$ homes were damaged, of which IT were declared unocupulable. Total damage including many dendlished automobile; and the clean-up of trees and treep blocked roads: nearly \$2.5 million. 5 2:55PM Clallam County Waterspout Waterspout first recognized approximately 8 miles northeast of Neah Bay in the Strait of Juan de Fuca by radar at Vancpuver, British Columbia. Waterspout dissipated in less than 5 minutes. No damage or injuries reported. WEST VIRGINIA aftn and 1 0 Heavy rains fell over the eastern panhandle as the remains of durridane David moved north through Virginia. Flodding was generally mindor with some reads blocked. High winds downed some trees and power lines. A 73 year old man was killed on the afternoon of the 5th outside Capon Bridge in Hampshire county. He was believed to be drossing a small bridge near his home when flood waters washed him off. Flooding blocked roads nearly \$2.5 million. 6:30 p 0.5 50 0 2 5 Hit in the Sugarland Run subdivision in the east portion of the courty. As mady as 80 homes suskained damage, with 4 of these seriously damaged Two persons were injured by flying glass. Damage estimated at \$90,000. Abt 6:45p 0.5 30 0 0 5 0 Small tornado felled a dozen heavy trees across roads, badly damaged several houses and also buried many cars under debris. Total loss estimated around \$100,000. Stafford County οĺ 0 | 3 i 0 Wind, Rain Violent localized storm was associated with the passage of a cold front. It hit the Marboroush Point and Brooke areas just two days after they suffered damage from Tropical Storm 'David'. Trees and power lines were doyned in a brief 10-minute period, with one utility pole snapped in two. Damage was estimated at \$3,000.

| | 1 - 1 | | _ | · | | | | , | <u> </u> | _ | | | | | | | | SEPTEMBER 1979 |
|--|---|------------------------|----------------------------------|--------------------|----------------|------------------|-------------------|--|---------------------------------------|----------------------|-----------------------------------|------------------|--------------------------|--------------------|----------------|-------------------|------------------|---|
| | COCAL | F PATH | PATH S) | | OF SONS | | ATED [†] | CHARACTER | | | LOCAL | F РАТН | PATH S) | | . OF SONS | | ATED! IAGE | 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 PATH | WIDTH OF PATH (YARDS) | KILLED | NJURED | PROPERTY | CROPS | OF SYORM |
| WISCONSIN Douglas County | 9-1 3:40 A | į | | | | !! | j | Severe | TEXAS (continue | ed) I | | | | į į | , | ! | | · |
| | Heavy rains a | ind high | i wind c | aused | wid | esprea | l L | Thunderstorm | | some | minor res | identi | al area | floo | ding | starte | d on | s to flood and he lst. Severe |
| | damage in the throughout th electrical se | d city | caused : | power | ling | trees es to l | e dow | ned and disrupted | | home Fort | near Alv Bend and | in Wharto | n Count | ies: | Heavy | rain | later | damaged mobile |
| Chippewa County | 9-1 6:30 P | | į | | 2 | 4? | <u> </u> | High Wind | | low | reas in t | hese q | ounties | . Ext | ent d | f thi | earl | ing of towns and flooding was not o thunderstorm |
| | High winds ti and his daugh that required | iter we | ne trapp | ed in | | | | | | wind Galv vest | gusts. eston Cour on County | ty: Ra within | infall severa | total 1 hou | ed 4 rs fi | to 7 | Inches | over western Gal- mity of Alta Loma |
| Walworth County | 9-4 4:00 P to 5:00 | P | | | | | | Severe Thunderstorm | | some | residenti | Rapid al are | pooling as. | | İ | į | | eets, roads, and |
| | Thunderstorms through Walwo | rth Co | Inty bet | ween | 4:00 | and 5 | 00 p.i | n. Delavan [| Refugio Co. Bee Co. Aransas Co. | 1 1 1 | 7:50 pm 8:00 pm 8:30 pm | | | 0 | 0 | | ? ? | Wind Wind |
| | reported 50 m | i | i | i i | | ! | i | | San Patricio Co. Live Oak Co. | 1 1 | 8:45 pm 9:15 pm | | | 0 | | ? | ? | Wind Wind |
| Douglas County | 9-8 11:35 P | i |) han base | 0 | 0 | iddle | 0 Divor | Tornado located | Jim Wells Co. | 1 | 9:45 pm | | | 0 | 0 | ? | ? | Wind |
| | 16 miles sout | Heast | df Super | ior. | Am | chine | shed | and a new 90 | | of T | topical St | orm El | ena's c | ircul | ation | The | storms | ar western fringes moved southwest- gusts. Scattered |
| •••• | | | | | i i | ! ! | [| | | ligh | property damages | and s | ome cro | p dan | ages | were | reporté | d but extent of |
| WYOMING Laramie County | 9/7 1:30 p. | | | 0 | 0 | 0 | į Į o | i ITornado | Matagorda Co. Brazoria Co. | .2 | 5:30 am 6:00 am | | i | 0 | 0 | ? | ? | Heavy Rain Heavy Rain |
| | An extremely | weak ti Cheveni | i nµnderst ne. The | brm g torn | enera | ted a | large | tornado east x miles north | Harris Co. | 2 | 7:15 am | | <u> </u> | 0 | 0 | ? | 7 | Heavy Rain |
| | of the weak o | ell1 und | der sunn | y ski | les! | No dar | dage w | s reported | | eas | ward to s | uther | h Harri | 🕏 Cou | hty. | Many a | reas w | rda Bay north- ere already flooded ours quickly over- |
| Laramie County | 9/7 2:00 p. | | | 0 | 0 | 0 | 0 | Tornado | | tax | d drainag | syst | ems. Fl | o odin | g was | worse | ned al | ong Chocolate d rises began along |
| | The same smal | l rota | i Ling thu | nders | torm the Ci | produ | qed and | ither weaker leld. No damage | | Cle | r Creek in t floodin | sout | hern Ha tred al | tris dng C | Count aney | y. In Creek | Matagd hear t | rda County the he town of Sargent |
| | was reported north of the | as it i | mias conf | ined | to ar | open | dirt | field just | | | other mi | | | | | | City. | Rice and soybean |
| TEXAS | | | - | | | i | | | Matagorda Co. | 3 | 6:00 pm | ? | ? | 0 | 0 | 0 | 0 | Waterspout |
| SOUTHERN Harris Co. | 1 early | | | 3 | 9 | ļ 6 | 0 | Lightning | | | waterspou gorđa Pen | | | | | | | ust offshore from River. |
| | lafternoo | 1 | derstor | ms as | cocia | ted wi | th Tro | pical Storm Elena | Calhoun Co. | 5 | 9:50 am | ? | ? | 0 | 0 | ٥ | 0 | Waterspout |
| | hit the oil Ship Channel | tanker at the | Chevron Shell | Hawa tefin | ii as ery. | it wa | as doc) | ed in the Houston injuries, and | | nea | ly statio | hary j | ust off | shore | from | Magno | | it remained ach in Lavaca Bay. |
| | strike and t | he imme | diately | lensu | ling e | xplosi | ibn and | the lightning fire. An unusual wns downwind from | Jackson Co. | It 6 | aused no | Bamage | to mar | ine i | htere | sts. | | Funnel clouds |
| | | et the | | | | | | ed into overhead | Matagorda Co. | Twi | funnel c | louds | were ob | serve | 415 | iles v | est of | Palacios moving |
| Jefferson Co. | 1 1:30 pm | . ! | ! | 0 | 0 | ? | ? | Heavy Rain | | nor | thwest nea dr touched | rthe | Matagor | da-Ja | cksor | count | y line | . They apparently |
| Orange Co. Hardin Co. Jasper Co. | 1 1:30 pm 1 3:30 pm 1 4:30 pm | | ļ | 0 | 0 | ? ? ? | ? | Heavy Rain Heavy Rain Heavy Rain | Nueces Co. | 6 | 1:20 pm | | | | | | | Funnel cloud |
| Newton Co. | 1 4:30 pm | | ļ | ŏ | 0 | ? | ? | Heavy Rain | | A f | nnel clou | d near | develo ween Dr | ping iscol | thund 1 and | ershow | ers re | mained aloft as it |
| | Sudden rains association | of 4 t | 6 inc | hes f | ell c | ver there | ese co | unties in he east of Tropical reams already | Zapata Co. | 6 | 7:00 pm | | | 0 | 0 | 5 | ٩ | Heavy Rain |
| | swollen when | the do | wnpours | hit. | Quic | k floo | ding : | esulted in low- | | A W | ak tropic | al dis | urbanc | e set | off | thunde | rstorm | s in northeastern Rio Grande and |
| | damaged. Pin | e Islar | ı¢ Bayou | and | small | ler sti | ceams i | of Jefferson and obiles were flood n northern Jeffer- | | dum | ged 5 inch den flash | es of floodi | rain on hg occu | the | pity prou | of Zag dd the | ata be | tween 5 and 7 pm. ausing damage to |
| | afternoon fl | opding | woods a | nd fa | rm la | inds. E | xtent | t of banks by mid- pf damages, if any, less than in April. | | | dw buildin drban stre | | la numb | er of | auto | mobile | s as w | ater briefly rose |
| Harris Co. | 1 4:30 pm | i | us was u | pknow. | 0 | 6 | was i | Heavy Rain | Nueces Co. | | 3:00 pm | | | | | | Ì | Funnel cloud |
| Harris Co. Brazoria Co. | 1 5:00 pm 1 4:50 pm | | į | 0 | 0 | 5 | 5 | Wind Wind | | res | dential a | reas 5 | miles | iorth | rest | of the | airpd | as it moved over rt. Neither the sed damage. |
| Brazoria Co. Fort Bend Co. Wharton Co. | 1 6:00 pm 1 5:30 pm 1 5:30 pm | | ļ | 0 | 0 | 5 ? | 5 ? ? | Heavy Rain Heavy Rain Heavy Rain | Surfside, Brazoria Co. | | 1:30 pm | j | İ | Ì. | 0 | 4 | 0 | Tornado |
| Wharton Co. Galveston Co. | 1 6:30 pm | -{ - | | 0 | 0 | ? | ; ; ; | Wind Heavy Rain | | | ry small | tornad | touch | i Ç ā gr | | | | from the coast. |
| | Tropical Sto | rm Eler | | | | | | and weakened as | | and | reportedl | prod | aced mo | derat | e dan | dages a | t one | homes in Surfside industrial nd nature to the |
| | producing th | underst | | | | | | ohtaining high wind- st of Elena's low | | num | drous funn und. | el clo | ds of | the a | rea v | hich r | prmall | y do not touch |
| | an impact on | y Stea highly | urbani: | zped do | dwnto | n Hou | ston a | he area first made s 3 inches of rain | Houston, Harris Co. | - | 3:50 pm | 1 | 350 | 0 | 1 | 6 | 0 | Tornado |
| | fell from 2: Hundreds of | 30 to 3 calrs st | i¦30 p±n v a 11ed a: | whith t nd man | dotal dy we | s to 4 re sub | 5 inc | hes by 5 pm. as serious street | | | | | | | | | | within a mile-long lasted about 3 |
| | flooding deve station, floo | oded an | d roofs | of to | yo bu | ilding | s coll | g the police apsed from weight er damage when | | min | tes comin | just just | after | heavy | rair | ns and | in the | midst of lingering oyed about 10 |
| | resched when | odded s their | treets. hus beg | About an si: | t 20 nking | tity b | enter | sengers were ing a flooded | | hom and | s, did ma two aparts | or ment c | damage omplexe | to 4 | b, ar the f | d less ashior | er dam able M | age to 100 others emorial-Lakeside |
| | underpass. A | 61-yea behind | n old m the bus | an dro and | owned was s | in th | e same | underpass when his covered by rising | | Lak | dside Plac | . For | unatel | the the | twis | ter hi | t befo | , Briar Lake, and re the local Fig. The injury |
| | waters. Home Hunting Bayo | spand to upand i | usiness n Kashm | eks we: ihr Ga: | de re | orted Some | l flood homes | led along parts of in Sagemont sub- een completed from | | rat | was surp | rising | y low | for t | he an | obunt o | f dama | fic. The injury ge done. Most ore the tornado |
| | the July flo | od¦s. Hi y Howe | .gh wind .gh wind .wer, on | gust: | cau year | sed so | attere | d light damages | | hit to: | and were | ble t bric | b take k walls | cover blow | with h inv | in the | ir hom oofs r | es. Most damages emoved, and upper |
| | he stepped i | ntlo wat | dr besi | de a l | Blown | down | power | line. | 11 | sto | ries shear | ed awa | . Many | auto | pobil | lės wei | e flip | ped and a few |

SEPTEMBER 1979 NO. OF ESTIMATED[†]
DAMAGE NO. OF **ESTIMATED** TIME - LOCAL STANDARD TIME - LOCAL STANDARD WIDTH OF PATH (YARDS) WIDTH OF PAT (YARDS) CHARACTER CHARACTER LENGTH OF (MILES) LENGTH OF I PLACE PLACE PROPERTY INJURED INJURED KILLED KILLED CROPS DATE CROPS DATE TEXAS (continued) TEXAS (continued) became missiles which were blown into homes. The funnel seemed to be most intense on its west to east path as it tpuched down in the 1500 block of S Kirkwaod. SOUTHER SOUTHERN Arangas councy:
At Reckport II-92 inches were recorded for 24 hours up to 10 am
on the 19th, most rain falling overnight. Considerable flood
damages occurred in Rockport, again partly due to inhibited drainage from high tides. Most businesses in the downtown area had some
damage and about 2 dozen homes on the south side were flooded. 4:00 pm Short Narrow 0 Harris Co. 0 5 0 Tornado A smaller tornado biefly touched grbund to the west of the damaging Houston tornado. From the formal of the touchdown was near Stuebner-Airline Road at Greens Road. Several mobile homes were damaged, numerous windows were blown in, house doods were pushed inward, and bne automabile was reported rolled. Fortunately no significant injuries were reported. Nueces, San Patricid, Aranasa Cdunties:
Highlwinds associated with the Now pressure area caused scattered
property damage in the three counties. Gusts were measured at
53 mbh in Corpus Christi and estimated at 80 mbh lin Aranasa Pass. In Corpus Christi one man was reported injured when a small build-ing tollapsed Buring the high winds. Winds caused wave action which sank leeveral pleasure boats and one shrime boat at Corpus Christi Marine. 5 5 5 4:00 pr Harris Co. Fort Bend Co. Heavy thunderstorms persisted over southwest Harris and northeast Fort Bend counties for several hours. Wet ground billowed water to bool quickly in low areas causing some minor flood damages to residential areas in Huntindton Village and Alief. Rains up to 7 inches in western Harris County tell quickly while similar amounts fell over Brazória over a longer period of time during the day allowing water buildigh in Brazoria County to come relatively slowly. Jones Creek, Aistin Bayou, and many drainage ditches overflowed toing damage. boads suffering flood damage included county roads 523 and 332 near Freeport, State Highway 36, and many urban streets in Freeport and Angleton. Matagorda County:
Plooding already in progress was greatly wdraened by heavy rains
the hight of the 18th. By 81 mm cm the 19th some 13 inches had faller
at the town of Sargeht from overhight rains. Extensive flooding
developed along Cotthnwood breed in Bay City, along the extreme
lower Colorado River, and along Caney Creek at Sargent. Homes and
other buildings were damaged around sargent and some possibly
were flooded in Bay City. Exact damage figures were not available. Brazaria County:
Flooding was in progress over parts of the county when intense rain hit dwernight on the 18th. By 8 am of the 19th rainfall ranged from 13.29 inches at prespott to 5 inches at inland locations of the county. Frieport eventually received 23 inches for a 48 hour total up to the 20th Extensive flooding odcurred later in the day along Mustang Bayou, Bear Creek, Choolate Bayou, lower Oyster Creek. Many towns and subdivisions suffered flooding of homes, not as an including west columbia, Angleton, Moliday Lake subdivision, Liverpool, Alvin, Manvel, Twin Lakes subdivision, Jerugalem community, plus many mural areas. Overall flooding was not as had as the July 1979 flood for Brazoria County. State Highway 300 Homes sustained manage with most loncestrated flooding reported around Liverpool. Many homes werk undergoing repairs for the July flood at the time off this new inhundation. Some losses occurred to rice and soybean crobs over the bounty. 11:00 pm 3:00 am 18 19 18 19 19 19 19 19 19 19 20 20 20 20 20 20 20 Nueces Co. Heavy Rain Wind 11:00 pm 3:00 am Aransas Co. Aransas Co. 0 5 7 Heavy Rain Aransas Co.
San Patricio Co.
San Patricio Co.
Matagorda Co.
Brazoria Co.
Calhoun Co.
Jackson Co.
Harris Co. 11:00 pm 3:00 am 3:30 am 4:30 am Wind Heavy Rain Heavy Rain Heavy Rain Noon Heavy Rain Noon 1:00 pm Heavy Rain Harris Co. Fort Bend Co. Heavy Rain 1:00 pm 3:00 pm 7:00 pm 7:30 pm 7:30 pm 12:30 am Heavy Rain Heavy Rain Wind Fort Bend Co.
Galveston Co.
Galveston Co.
Wharton Co.
Chambers Co.
Montgomery Co.
Hardin Co. Heavy Rain Heavy Rain Heavy Rain Wind rice and soybean crops over the county.

Harris County:
Raind worsened flooding already in progress over southern Harris County and created new flooding elsewhere. Flooding grew more extensive in urban areas and low places throughout the afternoon. It was about 3 am on the 20th that beyous and styleams began to swell significantly out of banks, Low areas flooded early in the afternoon, however, in the Bagemont subdivision and in parts of Pasadena. Urban flooding quickly developed in various subdivisions and incorporated arebs inclinding Scarsdale Blue Bell, Monestead, Westhont, South Main-Post oka tra, West Oten, and Sage Meadows. Rapid stream flooding early on the 20th flooded some 500 homes along Cleat Creek. mehr Scarsdale, many homes along Turkey Creek; about 50 homes near Side Bayou; 250 homes near Creens Bayou, and Inverness Forest subdivisionsly, 150 homes mear Creens Bayou, and a few homes along turkey trees to be a subdivisionally. Iso homes mear Creens Bayou, and a few homes along turkey to the control of the Brownwood area was mentally and flooding on the lower San Jacinto River beginning on the 20th and affecting Highland Springs, Banana Bend, and other residential areas. In Baytom evacuation of the Brownwood area was mecessary soon after midnight, on the 19th when high tides in Salveston Bay put wated over Perimeter Drive.

A total of nearly 1850 homes and huntreds of cars were flood damages. The tho deaths reported in the county occurred in separate incidents where pedestrians walking ear flooded streams were somehow washed away, loon may driven in the other has not a server of the county occurred in separate incidents where pedestrians walking ear flooded streams were somehow washed away, loon may driven for the other has not a server of the county occurred in separate incidents where pedestrians walking ear flooded streams were somehow washed away loon may driven for the other was driven and the other may be a supplemental and the other has was drowned in a flooded damaged in Farm Road 2351 and 1:30 am 1:30 am 1:30 am 2:30 am 2:00 am Heavy Rain Hardin Co. 0 Jefferson Co. Heavy Rain Tyler Co. 2:30 am Jasper Co. 2:30 an Wind An unusual non-tropical low pressure system developed on an early season cool front which had become stationary just offshore and parallel to the rexms coast. Mid and high level atmospheric moisture from Tropidal Storm Henni in the gouthwestern Gulf of Mexico may have enhanced the heavy rainfall which the frontal low produced along the middle and upper fexas coastal plains. Coastal counties experienced 48 to 60 hours of rdinfall with the storm ending ch upper coastal adeas late on the 10th Heaviest rains began on the middle chast and soved portheastward, however, the flood producing bloompours seemed to arrive rainously within the affected areas. Also, soil moisture varied before these rains and some counties were experiencing flooding before this system arrived, as a result, flooding conditions appeared and womsened at various times throughout the affected coastal area times throughout the affected coastal area
Nuecks County;
Sudden downpours moved inland along the Coastal and area just
after midnight on the 19th after steady rains of 3 inches had
fallen during the previous day. By marning Corpus Christi International Airport had recorded 7.81 inches of rain. The city of Corpus
Christi received the most chamage in the county. Rainfall rates
overwhelmed aiready swollen drainage facilities. Rapid ponding of
water caused the flooding of streets and urban areas with 400 to
500 homes, many businesses, and possibly 300 apartment units
receiving flood damage. Lakewood Village subdivision and Leathers
Housing Project had a high Begree of flood damage. City Hall and
other buildings downtown subtained basement and low level flooding.
Hundreds of automobiles suffered water damage as flooding developed
in streets. Corpus Christi Beach and North Beach areas flooded badly due to the kombined action of rainwater flooding and salt water
flooding. Tides in dorpus Christi Back bey were 5 to feet above mean
sea level. Many motel units, homes, tars, and campers were damaged
in this vacating spect. Kennedy (auseway to Padre Island and US 181
at Nieces Bay and Fark Roade 22 jand \$3 on Nustang Island were
covered by the rain and tidal flooding. In jouth land west Nueces
County cottom and grain crops were partially damaged. ٨ in Torkey Creek. Calhoun and Jackson Counties:
Some 6 to 10 inches of rain had accumulated over these coastal counties by evening of the 19th. By incon tains were already starting to flood many radads and low lying areas. Conditions worsened throughout the afternoon as rains did not let up Some residences and businesses of Part Lavace experienced serious flooding but extent of property damages was not known. In both counties many miles of roadway became submerged and suffered some damage. Fort Bend County: Fort Bend County:

Heavy rains fell on Already saturated parts of outheast Fort
Bend County. Additional damages were done to rice and soybean
crops already hurt by previous floods. These rendwed rains
sent; further filese shown headwaters of Oyster Creek and Mustang
Bayow. Extent of damages was not determined. San Patricio County: San Patricio County:
The heavy rains totaled 13 inches at Aransas Pass from midnight to
10 am on the 19th and 18 inches for the 24 hours ending at 10 am.
Ingleside had 12.25 inches for the 24 hour period. Most damage
occurred near shore lat Aransas Bass and Ingleside, Although fresh
water flooding caused practically all damages, high tides indirect1y apetted the flooding by inhihiting normal drainage. Aransas Pass
had about 150 buildings damaged (75 percent of the city). In
Ingleside an estimated 88 million damage occurred to numerous
houses, mobile homes, businesses, and city-owned facilities.
State Highways 70 and 35 and Farm Rodd 892 were covered by the
flood waters. Ripening cotton and grains also sustained damages. Galveston County:

On the morning of the 19th some flooding of residences near Cloud Bayos at Alta Loma had beguh, but it was not until evening that strekms and urban arbas reakted seridusly to intinse rains. Some 19 inches had acchamulated in Texas City Jover a 2 1/2 day period up to the evening of the 19th. A drainage canal leading into Moses Lake in Texas Sity overtopped a bridge cawing a woman motorist to become stranden. Two men attempted to help the waman but were swept off the bridge and drowned. The notorist lockily jescaped with only minor injuries. An estimated 1400 to 1500 homes county-wide Galveston County:

| PLACE 'EXAS (continu | DATE TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | | | l . | | | | | | | | | | | | |
|----------------------|----------------------------|------------------------|--------------------------|------------------|----------------|-----------------|--------------------|--|-------|--------|--------------------------|---------------------------|--------------------------|--------|---------|----------|----------|--------------------------|
| | 1) 1 | 12 1 | WIDTH (Y | KILLED | NJURED | PROPERTY | CROPS | CHARACTER OF STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | CHARACTER OF STORM |
| SOUTHERN | iea) | | | | | | 1. | | | ! ! | | | j | | | i | <u> </u> | |
| o o o meno | | 1 | | 1 | | l i | | | | 1 1 | | | 1 | | Ì | 1 | } | |
| | in League Cit | | | | | | | most 500 homes od. 200 in | | | | į | | !! | | į | ļ | |
| | | | | | | | | r Lake and along | | - | | !! | · | l l | i | i | i | |
| | | | | | | | | reported flooded | | | | , , | į | i i | ļ ļ | l i | į | |
| | | | | | | | | 4 to 5 feet above | | | |]] | | !! | l | ! | ł | |
| | shores. High | | | | | | | Galveston Bay | | - I i | | | | i i | i | i | j | |
| | property dama | | | | | | | | | | | i i | | !!! | 1 | ¦ i | | |
| • | Galveston dur | ing the | high w | inds | but 🛊 | he cre | w was | rescued. Beach | | | | !! | | ! | | | ł | |
| | | | | | | | | he west end of | | l i | | } ; | | 1 | | į { | į | |
| | undermined. | and where | e aunei - | swen | e aeş İ | troyed | and s | everal structures | | | | | | | | | | |
| | Wharton Count | y | į | į į | } | |)) | | | 1 1 | | } ' | | 1 | 1 | i : | i | |
| | New beavy rai | ns đeveli | | | | | | the afternoon | | j | | | i | i i | | ! ; | ! | |
| | of the 19th a | nd pushe | d dail | y rai | nfall | total | s over | 10 inches. | | | | | ! | | | ļ | ł | |
| | the extreme 1 | ower Col | orado | River | . Dan | age fi | gures | a sharp rise on were not available. | | | | | | | | <u> </u> | Ì | |
| | Chambers Coun | ty: | | | į | İ | | [] | | | | į į | | | ! ! | | ! | |
| | | | | | | | | damage to rice | | | | Į ! | ! | ! | : 1 | i ! | i | |
| | and soybean c | rpps. No | signí | fican | t pro | perty | damage | s were reported. | | | | l i | ! | ì | ĺ | | i i | |
| | Montgomery Co | uhtv: | i | i i | . [| ļ | i | 11 | | | | i | i | į į | ! ! | | į į | |
| | Rains saturat | ed groun | | | | | | 18th and during | | - 1 | | 1 | ! | | l i | i | } | |
| | the day of th | e 19th. | Intens | e rai | ns hi | t most | of th | e county just | | | | 1 1 | | i | i ! | ! | i | |
| | after midnigh | t leadin | ig to r | apid | flood | ing of | low a | reas and producing | | - 1 | | i i | i | () | ! ! | 1 | !! | |
| | Jacinto River | | | | | | | ork of the San | | | | ! | ! | | | i | : 1 | |
| | until after m | id day p | on the | 20th | and t | otale | 15.8 | inches near New | | | | 1 : | i | i | i i | ! | i i | |
| | Caney with 8 | to 12 in | oches e | Lsewh | ere c | ver m | st of | the county. Besides | | | | į - | į | ! | ! | ¦ ! | ! ! | |
| | the san Jacin | tio River | flood | iing,∣ | Caney | Creel | and E | each Creek produced subdivisions. Parts | | | | 1 | ! | 1 | 1 | i | 1 1 | |
| | of Whispering | baks shi | bdivis | ion a | lso w | ere f | looded | for the fifth time | | | | i i | i | į į | | | | |
| | this year, alt | hough mair | ny home | s flo | oded | this | time we | re standing vacant | | 1 . | | ! | ! | 1 | | 1 | ŀŀ | |
| | due to abando | nment alf | fter pr | eviou | s flo | oding | ŀ | i | | | | i | i | į į | į į | ! | j | |
| | Hardin and Je | fferson | Counti | ls. | İ | ļ | i |] | | | | į. | ! | | | ; ! | | |
| | A large clust | er of th | nunders | coms | dung | ging r | ainfal] | rates up to 5 | | | | ļ | ł | 1 | 1 | 1 | li | |
| | inches per ho | ur moved | d north | ward | over | these | counti | es after midnight | | | | i | i |]. | į | ļ j | | |
| | on the 20th. | Rains on | the 1 | leth h | ad al | ready | satura | ted watersheds. | | - | | 1 | ! | 1 | l | | | |
| | causing a num | opunty population | severe automob | ptree oli 1es | tano Ito si | ffer | erea I. Water o | ooding hit cities amage. Streams | | 1 | i . | | 1 | i | i ' | j ¦ | i | |
| | | | | | | | | were reported | | | | į | į | ! | ļ | ļ j | | |
| | along Pine Is | land Bay | you and | d vill | lage (| Jreek. | Gale 1 | orce winds | | | | | | 1 | ł | | } | |
| | | | | | | | | light damages in | | | į | i | i | į | į | ! ! | ' į | |
| | damage from o | ombined | pe crop wind a | ps in ahd ra | in e | erson ffects | Jounty | sustained some | | 1 | | ļ | ! | | ļ., | l i | 1 | |
| | | 1 | | ļ | | | 1 | ! !! | | | | 1 | l | i | | i ¦ | į | |
| | Hardin, Jaspe | | | | | ì. | 1 | l | | | | ì | Ì | ļ | ! | ļ ì | . ! | |
| | | | | | | | scatt | red roof and other | | | | ! | 1 | 1 | 1 | | | |
| | property dama | agres over | r these | cour | cles | 1 | 1 | | | | i | | i | ì | i . | | i | |

| | | LOCAL | F PATH | PATH S) | | OF SONS | | ATED [†] | CHARACTER | | | LOCAL | F PATH | PATH S) | | . OF | | MATED! | CHARACTER |
|---|------------------------------|--|----------------------------|-------------------------------------|--------------------|--|---------------------------|------------------------------|--|--|-------------------------|--|--------------------------------|--|-------------------------------|----------------|--------------------------------|---------------------------|---|
| PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF (MILES) | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | OF STORM | PLACE | DATE . | TIME - LOCAL STANDARD | LENGTH OF | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | OF STORM |
| | | T | HE I | FOLI | OV | VIN | G A | RE : | LATE REPOF | RTS, CORRECT | ION | IS, AN | D D | ELET | LIO | NS | : | | |
| LATE REPO | | S 11:45 a | MAY | 1979 | 0 | 0 | 0 | 0 | Funnel Cloud | LATE REP IOWA (continue Northwest. Central an | d) id 30 | 1 215-6A | 0 | 1979 | 0 | 1 | 6 | 5 | - - Severe Thunderstorm |
| Valle | Repo | rted just 4:40 p t reporte lulu Inte | d two 1 | watersp | 0 outs | 0 | 0 | 0 uth of | Waterspouts | Eastern Iowa | | | | indersto | rons o | level | opped o | yer No | thwest Iowa and I tornadoes (recorded hail, high winds and destroyed a mobile cupant. Winds also and houses and blew ing in Cedar Falls |
| | нопе | iniu ince | | | 0.0. | | | | | 4 Mile West Southwest | Cour | ity). | Black 26 | nawk co | onty) | l and | in th | e speni | er area (Clay |
| HAWAII | | | NONE | 1979 REPORT | TED | | | | | Battle Creek (Ida County) to 6 Mile Sou Ida Grove to 7 Mile East Kiron (Crawford County) | th so Mar | pidly mov bean fiel | jing to ds. M re cut | rnado t Inny bar or twi | ns ar | skldo kldou | wn des build | royin; ings w | d many corn and |
| HAWAII Maui | 2 Tre | 4:40 FW e limbs bl ty trade v | lown ac | 1979 ross po aused I | 0 Wer : | 0 Lines outa | 2 by st | O rong Olird | High winds | Ames (Story County) | The | | rea. | These 1 | | | | l kna 1 | Severe Thunderstorm (Downburst) /2 mile long by nich fell on power |
| IOWA Central and South- eastern Iowa | 3 A num noved | 7A ber of sev southeast ced winds | into up to | Centra] 80 MPH | orms and and | Sou lamag | ed in theast ed tre | North Iowa. s whi | Severe Thunderstorm Central lowa and These storms ch fell on power | 1 Mile North Polk City | y 30 A Po down | 315A lice Offic | .2 er obs efore | 30 erved a lifting | torn vack | ado r Inte | oving the | East S Louds. | Tornado outheast, touched The tornado |
| 1 Mile South Waukee Dallas County | Iowa 10 A sma B tre | from one of 725P 11 tornado es and a p | f thes | e storm 30 ted down in. Th | o bri e to | 0 efly | · 2 ata f | l 0 arm ho | near Fairfield, Tornado use destroying east and shortly | 3 Mile East Grinnell (Poweshiek County) Lacey (Mahaska County) | Funn Into | the clouds | . 1 | . 30 | 0 | for 0 |] 5 | utes a | Funnel Cloud nd then dissipating Tornado The tornado set the |
| Atlantic Cass County | 10 A mar when | was react | 0 ing to | 0 turn o | 0 ff d | i ri | d ligh cochet | ts at ed int | Lightning a softball field b his neck and left | | roof ued and | of the ba | it de tops | the gro stroyed of two | and v anot tree | irtua her b | illy un iarn an | damage d twis | d. Tornado contín- ted a corn crib ebris from the barn |
| 3 Mile Southwest Emmetsburg, Palo Alto County | 13 Funne minut | 355P 1 clouds (es before | 0 noving dissi | 0 east so pating 0 | outhe | 0 est d into | ipping | up an | Funnel Cloud d down for 5 | HAWAII Kauai | 8 | 8:00 AM | AUGL I | IST 19 | 0 | 0 | 0 | 0 | Waterspouts |
| 8 NE Clarion, Wright County | stock | 615P do touche . Tornad before 11: | trav | elled s | puthe | ast a | 4 roying cross | 4 a bar the ro | Tornado n and killing live- ad damaging another | Maui | | y large w les south | | | re re O | porte O | d abou | t 15 0 | Funnel Cloud |
| Mount Vernon, Linn County | A sma | vmnasium. | then | twisted | at 50 f | eet o | f chai | hool l n link | Tornado ifting the roof off fence and destroyer the clouds. | | Ch: | nel cloud nnel abou ended 200 h bases a | feet | iles so celow l | ithea | st of | Kahul | ui: | |
| Central and Eastern lowa | 14 A num movin | g southea ced 2 tor | st int nadoes | Centra heav | alan Yrai | i Sou hs, g | theast blf ba | lowa. 11 si: | Severe Thunderstorm h Central Iowa These storms he hail and 60 MPH | Molokai IOWA | 30 Rep | 4 AM orted by Kualapapa | oilot | about 3 | 0 to 4 | 0 mile | 0 s nort | 0 hwest | Waterspout |
| Clarinda, Page County | 15 A ser | which fe 1215A ere thund | ll on 0 erstor | houses, 0 produ | cars 0 ced 7 | l, and 0 5-80 Hown | power 5 MPH wi | lines 4 nds wh | Severe Thunderstorm ich heavily damaged hich fell on power | 2 1/2 miles West of Ossian (Winneshiek County) 3 miles South of | A sma trees cloud | were twi | sted o | ned dow ff. To | rnado | troy1 | lifte | arn ar d and | Tornado d corncrib. Two went back into the |
| l Mile North Newton. | Clar: | inda suffe 720P | red se | vere da ! : 0 | mage. i0 | i o ! | 0 | i o | f an Implement 1 mile south of Funnel Clouds | Decorah (Winneshiek County) 1 mile East Ossian | A sma inju | 620A 111 tornad ing the op 635A | cupant: | 30 ned down | brik | İ | destro | ying a | Tornado trailer house and Tornado |
| Jasper County Atlantic, Cass County | east touch | dipping up | and o | report lown cor | ing 0 | :lose | to th | e grou | nnels were moving nd but did not Tornado | (Winneshiek County) l mile West Elvira | Asmu The | 11 tornad ornado soc 525-620P | touch on lift | ed down ed back | taki into | ing to the | he roo | fala s. | rge roller rink. |
| | A sev damag destr | ere thunde ed crops. | A ton | nado to cut a | ed he uched | avy p | rain a n afte | nd hai the | l which heavily hail ended and cornfield before | to 2 mile South Elvira (Clinton County Bettendorf (Scott County) |)far)far 5 | 755P | ids jai s, kil l down | ned int led lip 150 damagin | o onje restoro 0 0 | k and | nado. d dama 5 and mo | The to ged a: 0 1 | ornado damaged 5 machinery building. Fornado |
| County | Five the g brief | round for ly doing | ouds co 5 min little | ites bu damage | not at 7 | toud 45P b | ouds c ning. efore | pming A tor Liftin | Tornado-5Funnel Clou within 5 feet of mado did touch down g back into the g southeast. | ds 3 mile Northeast Inwood to 5 mile South | 8 | 430A | re des | troyed | and is | 0 0 | obile 0 | homes h | nad major damage. Severe Thunderstorm (Hail) pep destroyed ng. |
| | Sever storm rains | s produce | torms golf winds | ball s | lzed lew | hail i down i | areas √hich trees | of th damage that f | d crops, heavy ell on power lines | Hospers (Sioux County | 8 Torna | 930A do moved f | .4 rom th | 100 e North | 0 j east | 0 to (1 | 6 he Sou | 0 11 thwest. | Fornado . Over 50 homes n elevator. |
| | | | | | | | | | | | | | | | | | | | |

| | | CAL | РАТН | Ŧ | NO. C | | TIMATED DAMAGE | | | | XCAL | РАТН | Ę | | OF SONS | | ATED† | |
|--|--|--|---|--------------------------------------|-------------------------------|------------------------------|---------------------------------|--|--|----------------------|--|--------------------------|-----------------------------|--|--------------------------------|------------------------|----------------------|---|
| PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF (MILES) | WIDTH OF PATH (YARDS) | מורופס | INJURED | CROPS | CHARACTER OF STORM | PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF I | WIDTH OF PATH (YARDS) | KILLED | INJURED | PROPERTY | CROPS | CHARACTER DF STORM |
| LATE REP IOWA (continued Marengo (Iowa County) |) 6F | e vas hid | 2 wn off | 7 1979 30 and a | 0 semi-ti | railer | truck t | Tornado | LATE REP NEW MEXICO Near Lovington, Lea | | ΓS Midnight to Sumrise | | ST 197 | 9 | 0 | 5 | 0 | Lightning, Fire |
| Volga City | headed moved j dissipa | in a No just Sou ating, | rtheas theast | t direc | tion jo | a corr | field b | rengo. Tornado fore lifting and | Artesia, Eddy County Near Portales, Roosevelt County | 2 | Afternoon up to gol | • | | 0 | ٥ | 0 | ? | Large Hail rain and cotton |
| (Clayton County) Des Moines (Polk Count | 11ghtn:) 19 10 A man w | ing hit | the by ck by | ilding lightni | and st 0 hg in t | arted a | inre. 0 k while | Lightning to a car in | Near Alamogordo, Otero County | 2 Smal: | 3:04 p. L tornado | touchí loman | ng unin Air For | 0 habit ce Ba | 0 ed de se ma | 0 sert a | rea ob | Tornado served for fourteed personnel. |
| 2 mile SW Ashton (Osceola County) | 19 43 Tornado | 30P o touche | .2 down | 30 briefl | 0 y destr | 0 3 | 0 maghine | State Fair was also Tornado and cattle sheds, | Near Caprock, Lea County | Smal: | 4:00 p. tornado marshall. | observ No d | ed in o amage. | Q pen c | | 0 y for | | Tornado or six minutes by |
| 4 mile Southwest of Webster City to 2 mile East Webster City (Hamilton County) | 19 63 A small Southea | 32P L tornad ast brie | 6 p touc fly be | 100 ned dow fore 11 | 0 h, mdve Eting a | 0 4 ed Nort | 0 heast fo sipating | o clouds. Tornado | Near Floyd, Roosevelt County | Ligh of h | ning stri | ke ign | ited ba | 0 en wh | 0 1ch c | 4 estroy | ed str | Lightning, Fire ucture and contents |
| 2 mile Northwest of State Center (Marshall County) | 19 73 Funnel ing bac | 30A cloud r k into | eporte | d movin | 0 | 0 0 | ! 。 | Funnel Cloud | Santa Fe County Near Albuquerque, Bernalillo County | Funna airpa 14 | l cloud r rt tower 12:00 N | contro | ller. | les s | outh 0 | of Sar O | ita Fe O | by pilot and Funnel Cloud |
| 3 mile South Southwest Baxter (Jasper County) New Sharon (Mahaska | Small t No dama | ornado age repo 30P | rted. | 60 | 0 | 0 4 | open f | Tornado | Near Alamogordo, Otero County | 14 Funa | 9:55 p. | report | ed6mi | 0 les n | 0 | 0 | 0 | Albuquerque. Funnel Cloud man Air Force |
| County) Northwest to Central toEastern lows | destroy lifted 19 4P | and dis | ine sh | ed and | many ou into th | nt Buil | dings. | d farm house and The tornado then Severe Thunderstorn | Las Cruces Area, Dona Ana County | 14- 16 Recu | Evenings and at Night Tring heav | l l y show | ers ove | 0 r thr | 0 ee-day | 5 peri | od caus | Heavy Rain, Flood- ing ed some flooding of |
| Locastern Towa | Southea funnel locatio | of sevenst. The clouds one tree | ese st (recon s were | ied sep blown | oduced arately down wi | high w y) and hich fe | inds, h heavy ra 11 on p | thwest lowa and moved il, tornadoes, in. In many wer lines, cars rains caused many | Albuquerque Area, Bernalillo County | low Abou | reas, san t 4.5 inch Daytime | dbaggi es tot | ng, evs al rain | cuatí fall 0 | ons, at of | and co ficial | nsider L stati | able crop damage. |
| North Central Iowa | streams Moline 20 6F 21 10 | to fld area. | od in | Northea | st Idwa | a and s | rban fl | oding in Davenport- Heavy Rain | Near Tucumcari, Quay County | stre 15 Smal | ets, high 4:23 p. | ways, | and som | ė str !0 | uctui 0 | es. 3 | 0 | Tornado damaged ranch |
| 2 mile Northwest Kellogg (Jasper County | River. damaged 26 53 | Twenty 1 crops, | famil caved | ies wer in bas 200 | e evacı ements O | and fi | ron the ooded m | swollen Winnebago thomes. The water thy other basements. Tornado drnado heavily | Edgewood, Santa Fe Santa Fe County Santa Rosa, Guadalupe County | Se ⁻ | Daytime | | | 0 | 0 | 3 | ud nea | Funnel Cloud r Edgewood. Tornado |
| A miles East Forest | damage alse d | d two f lamaged. | arms a | d dest | oyed t | oards a | nd joutbu | Aldings. Crops were Tornado long a path before | | Brie 16 | tornado heavy ta 1:00 p. | in and | consid | erabl | e win | d dansa ! 0 | ge to | Santa Rosa area. exposed structures. Lightning |
| 6 miles Northeast of Rock Falls (Cerro Gorde County) | 11ftin 28 54 A torn | ig. Som i5P iado tou | e crop 1 ched d | damage 60 wn mov | was re | pozited | 4 4 damagir | Tornado | Albuquerque, Bernalillo County | 16 Up to | Evening two inch | es of | rain fo | l | 0 Lare | 3 aon.s | 0 aturat | Heavy Rains, Flooding ed ground caused |
| 3 miles Southeast of Story City (Story County) | clouds 28 7- A smal | 705P | 3 do tou | 60 hed do | 0 km sklip | o ping a | i D 3 Lorig 1t: | Tornado path doing most of clouds. | Near Organ, Dona Ana County | ch11 18 | d drowned 8:42 p. | after | Falling | from 0 | brid 0 | ge int | o stor | and arroyos. Small m drain. Funnel Cloud Augustin Pass. |
| 7 miles South Glenwood (Mills County) to Tabor (Frement County) to 4 miles South Shenan- doah (Page County) to | The to | l and tol | irst t | lown So | uthwest | riefily t of Ra | nddlob a | Tornado Glenwood and then ind stayed on the grnado then touched e. In all 21 rural | Silver City, Grant County | Isol | | roof f | | | | | suburt | Tornado an area. Tore off ers. Many witnesses |
| Blanchard (Page County) | reside damage truck | nces we was al | re des so sev s lift | royed ore. O | alongiv ne ma†n 200 fya | vith ma died i ards by | ny joutbo n 4 desi the to | Aldings. Crop Hoyed semi-trailer Hado. A woman died | Albuquerque Interna- tional Airport, Bernalillo County Clovis Area, Curry | Mome | 12:28 p. tary wind 1:00 p. | gust | - | O bh in | l o l thur | 0 dersto | rm. | Wind |
| MARYLAND Harford County | 1 | 8:00p- 0:00p | l thur | lora:- | | 0 4 | | Wind, Lightning, Rain | County Hagerman-Dexter Area, Chaves County | Hail 20 Brie | lreported L Afternoon heavy ra | i In and | hailst | Lamet Lamet 0 prm d | er. 0 estro | Some of | rop ar 5 sever | d auto damage. |
| | line d | lamage a | long w | th flo | bding o | of low- | lying so | tree and power ctions. Storm was and Level, with tring activity of s, while around a and rain. Power | Loving Area, Eddy County | perc 21 | ent of alf Evening | alfa a | nd cott | on cr | pp ir | smali | area. | Rain, Hail, Wind |
| | was d1 areas, Damage the wi | srupted with c | to mor rews wi so infl mage ea | e than orking icted stimate | 1,000 all nic | hopes ht Ito | in the (| d and rain. Power Churchville-Bel Air ads of fallen trees. by the force of \$8,000 and \$12,000 | Quay, Curry and | thre year | ctural dan c-foot dep | obge al | ong two | -mile | -wide | stri | thro eport | gh Loving. Hail to d as worst in 15 i Heavy Rain, Hail |
| | | | | | | | | | Roosevelt Counties | Thre | į , | | | used | exte | nsive | damage | to grain and |

| | | CAL | PATH | Ę | | OF SONS | | ATEDI MGE | | | | CAL | РАТН | Ę | | . OF | | ATED [†] | |
|---|--------------------------------------|---|---|---|--|--|---|--|--|---|--------------------------------------|---|--|--|--|---|--|--|--|
| 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 |
| LATE REP NEW MEXICO Carlsbad-Artesia Area, Eddy County | (cont | inued) | AUGU | ST 197 | 9 | .0 | 5 | | Rain, Wind, Hail, | LATE REPO PENNSYLVANI EASTERN | A (c | ontinued) | | UST 19 | | | 32.66 | İ | |
| | and s resul | tructura1 | damag cessiv | e. Sat | prate | d graji | und fr | ail ca om pre | Flooding used extensive crop vious storms ing. Hail reported | | numb ''sev in a | er of inju eral" peop diner. A | ries i le wer nother | san es e injur injury | cimat ed wi occu | e siz en f trred | ying o | report debris tree | airs.* The pts indicate proke a window fell on the back lown off a roof injured a man |
| Near Fort Summer, De Baca County PENNSYLVANIA | Funne | 11:30 a. 1 cloud r | eporte | i by po | 0 ice | 0 office | 0 er. | 0 | Funnel Cloud | | talk star and hist Kimb | ing on an ted some f its conten oric build erton, the | interd ires. is in ing wa ster (| om. Li The wo Rush To s badly ounty, | ghtni rst f wnshi dama and s | ng ca ire v p, Na ged l hom | used of as one orthund y a li | amage which erland ghtnir Harris | lown off a roof injured a men to buildings and destroyed a barn County. A g caused fire in burg was badly risburg were the |
| EASTERN Adams and York Counties | 1 | 2 to 4 PM EDT | | | 0 | 0 | | 3 | Heavy Rain Electrical, Wind | Elizabeth Township Lancaster County | | ged by fir est winds 5PM to 7PM EDT | e. The ever r | e wind ecorded | gusts at H | | 8 MPH burg. | at Han | risburg were the |
| | Many | ed consid | rable were | flooded | trear . W | n, roa | dway ists d | and dr bwned | of the counties ainage flooding. some trees and n fields.Lightning w minor fires. | | Wind | gust with ged a hous | athu e. | hdersto | | ! |). 1 | | f trees and |
| | iest offi ligh doll Gett | rainfall cial 3 in cial 5 in ming fir ars damag ysburg a | hes re in a to the | perier led was ported house i e attic traile | at Maria de la composición del composición de la composición de la composición de la composición del composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la c | inche inche imasp tysbu Doer | er 4,00 es at (Aurg, a erg car som's | ettys dams used a Airpo by t | h fields Lightning w minor fires. tomers. The heav- burg, with an un- county. The few thousand rt just outside he wind gusts and | Lancaster, Chester, Delaware, Montgomery Counties | | 13PM to 1930 PM LEDT thing caus whout the | ed dam | l age to | 0 brees | | l 4 Lity l | İ. | Electrical Heavy Rain and buildings |
| Bradford, Omberland, Dauphin, Lebanon, York, | | 0-pound g 0-pound co | | | | 00 ft | . int | a co | tn field along with | | cons two on to Heav some | iderable d women, at op of a la y downpour iflooded b | amage. separa rge st s caus asemen | Light te loca orage t ed some | ning ions ank i road drive | stril Li na(way a r and | es can ghtnir ulf O nd str his s | sed mi g also l Comp eam fl utomob | home received nor injuries to caused a fire any tank farm, pooding and also lile were washed by. Fortunately . One small |
| Lancaster and Lycoming Counties | Timen | Noon to 5 PM EDT erstorms | | across | 0 East | 1 em R | 4 eninsv | 0 vania | Wind, Heavy Rain, Electrical | PUERTO RICO | | a bridge n driver was de was was 2:30 p. | ear Ne able ned aw | v Provi co esca ky. | dence be th | Lar peflo l l l 0 | caster oding | | y. Fortunately . One small Waterspout |
| | floor down autor ages | e counties ding which d many to tobiles to thouse | Washe washe ees an The wi | y rain d out p d tree nd and people | caus prtic limbs light | ed son ns of with ning ghtmi | me ros a sme some combin ng sti | dway. all br fallinged to ikes | caused damage in and other drainage idge. Wind gusts ig on houses and cause power out-aused fires in ty, a camper was | Off Culebra Island Vieques Sound Vieques Sound | 4 15 | 3:00 p. 5:10 p. | | | 0 | 0 | 0 | 0 | Waterspout Waterspout |
| Hepburnville, Lycoming County | | k by lig | tning | resulti | ng in | one | injur | | Tornado, FPP 100 | 7 mi. west Culebra Vieques Sound | 24 | 11:30 a. 4:40 p. 4:45 p. | - | | 0 | 0 | 0 | 0 | Waterspout Waterspout Waterspout |
| Delaware, Montgomery, Philadelphia | damag | ll tornad te was mai pulled ou | nly oo | rtims | of ro | b£s tk | om of | f. but | ting rink. The one house hed a | TEXAS SOUTHERN Houston, Harris Co. | | 11:00 am & 2:00 pm | | | 0 | 2 | 4 | 0 | Lightning |
| Counties | Chaine | I ISPM to ISPM EDT erstorm d Ing and s | | rs cause | 0 d wi | 0 lespre | 3 ead ro | <u> </u> | Heavy Rain and drainage sements were flood- | | nort char inju | h Houston ge for a f tries he re | Witner ew mon | sses sa ents. T | id t he m ult | ne ma an re voman | n glow ported was t | ed due ly rec he sec | mowed his lawn in to electical overed from ond victim of the les when hit |
| Franklin, Fulton, Adams, York and Lancaster Counties | | i naiero | auto | obiles | were | stra | nded i | n wate | r. | Jefferson Co. | but ligh Hous | details of | the | .nciden | wer | a not | known | Arou | nd 1:30 pm in northwest Funnel cloud |
| | Light damag attic | of a hom | es car | ge and a | ucom | biles | in S | hese c | Electrical cunties. The most mas and to the cunty Lightning | VIRGIN ISLAN Off Buck Island, St. Croix | DS | funnel res | ained | aloft | ver | the P | ort of | | ont then dissipated |
| Eastern Penna, | 10 | es also co 1:30 PM E to 7:00 PM E | osco I I I | rome pov | PEL .0 | Lages | | ne mar | Wind | Off St. Thomas 2 mi. north St. Thomas | 3 | 4:25 p. 5:15 p. | - | | 0 | 0 | 0 | 0 | Waterspout Waterspout |
| | /iole | nt thunder | storms | | | | | Penns | Electrical plyania on the usts recorded were: hirport 98 MPH, il sizes (at least falling trees | 15 mi. northwest St. Croix | 23 | 5:20 p. | | | 0 | 0 | 0 | 0 | Waterspout |
| | uild lirec allir omer | ings causi ly from v ug trees a in Easte | ng con rind gu nd lin | siderab sts or bs to d | le da light isrup | mage ning s t sen | Dams strike vice | ige to | electrical lines ed to that by 000 or more cus- | | | | i | | | | | | |
| | r por as in irpor he te | tions of the area t nearly rminal bu | roofs around | being to d Harris build). One | m re orn a sburg ings hang | 's Cap receiv | vania, The proitali ved sb | espectost of City and | rially with roofs incentrated damage irport. At the mage (including pletely destroyed | | | | | | | | | | |
| | ouse trove | was badly | damage damage | ed and a | a lan | e ten | the it out | root d | that general area f a large ware- store was de- nside was damaged tents and | | | | | | | | j | | |

| PLACE | DATE | TIME - LOCAL STANDARD | LENGTH OF PATH (MILES) | WIDTH OF PATH (YARDS) | NO. OF PERSONS | | ESTIMATED† DAMAGE | | | DCAL | E E | NO. 0 PERSO | | MATED! MAGE | | |
|---|---------------------------------------|--|--|---|------------------------------------|---------------------------------------|---|--|---|--|--|----------------------------|--------------------------------|------------------------------|---|--|
| | | | | | ומררבם | INJURED | PROPERTY | CROPS | CHARACTER OF STORM | DATE TIME - LOCAL STANDARD | WIDTH OF PATH (YIDTH OF PATH (YARDS) | עוררפס | PROPERTY | CROPS | CHARACTER OF STORM | |
| LATE REPO WEST VIRGINI Statewide | Heardur: | after- noon y thund ing the te harde ed tree ges. fi | erston aftern st his s, sma dur ma | oon w. The | th tere wil, romes | the re- ere ninor wer and | ross nume nume hou e ov e wi | ern harous : se dan ertura | High Winds I Thunderstorms if the state if of the reports of mage and power red in Marshall person injured; | PENNSYLVANIA EASTERN Lebanon, Berks, Lehigh and North- ampton and Bucks Counties Lehigh and North- It to Illumderstorms run of Idealized floor | oding, espe | ss thes | in Ithe 1 | o Les caus Lebanon | area. Many road- | |
| Curtisville, Marion county Bridgeport, Harrison county | 8 A f | 2:30pm rnado 1 3:30pm unnel c1 t twisti | ifted | as sig | 0 hted | rom 0 | 0 lles | 0 south | Tornado | pores, nouses ain some cases, allow salen Township, E knocking out a ro | wing rain w Bucks Count oof support | ater to y, ligh This | get in tring st caused | the large | tions and a number usts caused damage over booths at a to trees, utility damaged roofs in utildings. In Ben- large building portion of the | |
| Griffithsville, Lincoln county Jerry Run, Taylor county | 8 A s: 8 An whi | 5:00pm all tor late aftn derly stand | ? l l man a: ing u | emoli | o shed o eena | a g | 3 irage 0 vere | 0 struc | Tornado Lightning k by lightning was injured | The wind and light untility service in perished in a light lin Bucks County a shille playing sof eight—inch deep of 413 and route 1. | htning resu interupted ghtning-cau | ted in It was | about 1 s allso 1 | oportec | ustomers having that 14 horses and, Pike County. | |
| Statewide | Thu sta pow | te. The | ns wi | re dow A roof | ned ' | rree: | , sm | am n | High Winds Thunderstorms ruck much of the ail and numerous use just west of | DELETE NEW JERSEY Bucks County Late Afternoon A Bersalen men wa building collepse | ed after an | light | ing whi theing | l le play hit by | lightning and a | |
| Bens Run, Tyler county | A s her wit | 1 | nd gu nd do amage | st fro vn a b to th | m a ank. e ho | thun She use. | 2 lerst | 0 orm b eived | High Wind lew a woman from minor injuries | roaday of I-95 b | between 413 | and 1. | ! | i | eep craters on the | |
| Weirton, Hancock county | Fla wer Col blo | e the so liers. ck area | uther Four in We | end to fiv | φf W e fe l Ab | eirt et o but | on an f wat 110 h | d the er co | Flash Flood Hardest hit small town of wered a five suffered damage, s washed out. ses. | O Includes crop damage. C Crop damage. * Miles instead of yards. ** Yards instead of miles. † Storm damages are placed in categories varying from 1 to 9 as follows: 1 Less than \$50 2 \$50 to \$500 | | | | | | |
| Mingo county | Fla as New Mat oth the | thunders ton, Bee wan whe ers were ir homes | torms ch Cr re ab prev by m | drence eek an out 20 ented udslid o high | hed d Me D pe from es. | the ador ople ret The | Mate area. Holl were urnin re wa | Har pw ar levac g hom b an | Flash Flood and Beech Creek dest hit were the pas near lated. Many b or isolated in estimated \$2 although | 3 \$500 to \$5,000 4 \$5,000 to \$50,000 5 \$50,000 to \$50,000 6 \$500,000 to \$50 Million 7 \$5 Million to \$50 Million 8 \$50 Million to \$50 Million 9 \$500 Million to \$5 Billion Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all inclusive. Late Reports and Corrections will be carried in the month following receipt of these data. | | | | | | |
| Kenna, Jackson county | 1 | | ļ | two c | pws | and | 3 a cal | f sta | Lightning nding under a | following receipt of these data. SUBSCRIPTION PRICE: \$4.80 per year; foreign. There is a minimum charge issues of publications. Make checks send payments and orders to: Nation Asheville, NC 28801. Attn: Public USC | of \$3.00 fo s payable to nal Climatio | r each Depart | order of ment of , Feder | f shelf Commer al Buil | -stocked ce, NOAA; ding, | |

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