Tuesday, April 30, 2002

Devastating tornado facts

WASHINGTON (AP) madoes concentrate vicious nds, up to 300 mph, focusing ir twisting forces on small as where they can destroy rything in their path.

That power was evident nday when a series of storms from Missouri to Maryland, claiming a halfzen lives and ruining homes

businesses. As many as 1,000 tornadoes cur each year in the United ites, yet each is uniquely danous and frightening when it ives, moving quickly and en accompanied by rain, hail, inder and lightning.

Unlike hurricanes, usually orted days before they threaten, storms that spawn tornadoes erupt rapidly

Only a few decades ago, tordo warnings did not go out ntil a twister was on the ound, but thanks to radar and tellites, the conditions that eate these storms now can be tter monitored. Last year the tional Weather Service delived warnings, on average, 11.5 inutes before a tornado struck. In the storm that claimed ee lives in Maryland, for example, warning of a severe orm with possible tornado was sued at 6:45 p.m. It was ipgraded to a tornado warning

at 7:02 p.m. Approximately eight minutes later the tornado hit La Plata and 39 minutes later it reached Calvert County.

The Maryland tornado was listed at F5 on the Fujita scale for twisters, with winds of more than 260 mph, making it the strongest tornado on record in the state. It was at first rated an F4 but was upgraded after meteorologists surveyed damage on the ground, according to Susan Weaver of the National Weather Service. The scale goes from F0 to F5.

No state is exempt from tornadoes; Missouri and Illinois each average 26 twisters annually. In a normal year, Kentucky faces nine tornadoes, and there are four in Maryland.

Little seemed normal to those experiencing the storms, which formed along a massive front moving from west to east across the country, mixing warm and cool, wet and dry air and stirring up a witches' brew of winds.

"They appear to have been fairly prolific producers of tornadoes," said Harold Brooks, a research meteorologist at the government's National Severe Laboratory in Norman, Oklahoma.

See Tornado on page 8A

Spring storm leaves widespread damage

Lines of tornado bearing thunderstorms swept across the Midwest and East on Sunday, causing at least six deaths. The storms were created by pockets of warm air rising through cooler air.

On Sunday, the jet stream pushed cold air over warm humid air.

The more buoyant warm air causes instability when it rises through cool air.



At the back end of the storm How a tornado forms falling precipitation In a tomado forms a downdraft producing adjacent to the storm, wind Mesocyclone updraft. The direction downdraft changes with retains the altitude circular while. momentum of speeds increase, mesocyclone causing the but is molded entire system Tornado into a tight spiral to rotate in a as it brushes mesocyclone against the updraft, creating a

SOURCES: Associated Press; AccuWeather; University of Illinois at Urbana-Champaign

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Prescription drugs easier to buy

r a prescription drug you saw advertised n TV, and 69 percent of the time you will home with it.

That is what the Food and Drug dministration discovered in a survey that lustrates how big a role advertising plays

n the doctor's office. Is that necessarily bad? Critics bemoan ne findings, while proponents say drug ads elp more sick people find treatment — but he FDA still is struggling to uncover the rue public health impact of the nation's

arrage of drug commercials. "The question is: Are people getting drugs that actually aren't appropriate? says FDA drug chief Dr. Janet Woodcock.

She does not yet know. But the FDA low is studying why doctors prescribe the way they do, a first step toward answering that question. And the agency is considering if some of the rules that govern how powerful medications are advertised need changing to ensure consumers better understand a drug's pros and cons.

It is a complex issue. Doctors have to decide more than yes or no when a patient demands a drug by name. Does the patient expect a miracle because the ad overpromised a pill's benefits? Is there an alternative that works better, more safely or is cheaper? Cheaper drugs typically do not rate a commercial, while the hottest-selling newer drugs — like arthritis treatments Vioxx and Celebrex or heartburn medicine Prilosec — are among the most heavily advertised.

Then there is the trickier question of who an ad targets. The National Medical Association, which represents black doctors, says direct-to-consumer drug ads can prod people reluctant to visit a doctor to do ailment.

so - especially black Americans, who are less likely to get appropriate care for a host of diseases.

But today's ads are not living up to that potential, the NMA said this month as it issued what is for a health group a startling call for more drug ads — in media outlets that target minorities and with more culturally diverse commercials.

How important is advertising to a patient's perception of disease? Consider the middle-aged black woman who looked shocked when NMA member Dr. Sharon Allison-Ottey ordered a test for bone-thinning osteoporosis. "I can't get that — white women get that," the patient said, citing TV commercials and ads in Allison-Ottey's own Baltimore waiting room that featured only white women swallowing pills for the

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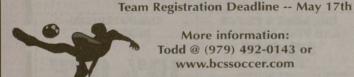
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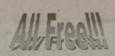
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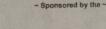






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Student Counseling Service Henderson Hall (behind All Faiths Chapel)





Attention Seniors Graduating in August or December 2002

English 210 & 301 (Technical Writing) Force Dates

Summer I, II and Fall Wed., May 1, Thurs., May 2, and Thurs., May 31 9:00 am - 11:00 a.m Summer I, II and Fall

Mon., June 3 9:00 am - 11:00 a.m. Summer II and Fall Tues., July 9 9:00 am - 11:00 a.m. Fall only Mon., September 2 9:00 am - 11:00 a.m.

1. Make sure you have the correct prerequisite (English 104 or

Come to Blocker 224 during the force dates and times listed

3. Bring a letter on departmental stationary from your academic advisor stating that you are graduating in the semester for which you are registering.

No forces will be done during pre-registration or after Sept 2. You must come in during these dates.

Although forcing will occur on the first morning of each

Summer and Fall session, no forces will be given for a distance course beginning that day.

You may incur a late registration fee if you register on the first

If you can't make these dates, send a representative with your letter and a list of preferred times.

Forcing Information Line: 862-7724 Web site: www-english.tamu.edu/wprograms/forcing.html

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