

How To Obtain Cotton Advisories From The Internet

P. Brown and B. Russell

Abstract

Weekly advisories developed by the Arizona Cotton Advisory Program are now available from the Internet. Nineteen location-specific advisories are developed each Monday morning and then transferred to the Main AZMET Internet Web Page located at URL address <http://ag.arizona.edu/azmet>. To retrieve advisories from the Internet users must 1) log on to the Internet using the procedures required by your Internet service provider; 2) enter the URL for the Main AZMET Web Page; 3) move to the Cotton Advisory sub-page; and 4) select the advisory of interest. Advisories for the most recent week, this year to date, and all of 1998 are available at this Internet address.

Introduction

Advisories generated by the Arizona Cotton Advisory Program are now available free of charge from the Internet. The advisories, generated weekly for 19 southern and central Arizona locations, are placed on the Internet each Monday at noon. Retrieval of advisories from the Internet offers several benefits over existing postal or fax based delivery systems, including 1) same day delivery; 2) 24-hour availability; 3) weekly service (some counties deliver every other week); 4) access to advisories from all 19 locations; and 5) no subscription fees. This document describes the simple steps required to access cotton advisories from the Internet.

Finding Cotton Advisories on the Internet

The cotton advisories are generated each Monday morning in the Data Processing Center of the Arizona Meteorological Network (AZMET). Upon completion, the advisories are transferred to the Main AZMET Web Page where they are made available to the public. To view or download an advisory from the Internet, follow the simple steps listed below.

Step 1. Access the Main AZMET Web Page

To retrieve cotton advisories from the Internet you must access the Main AZMET Web Page. Internet access of AZMET requires: 1) a computer outfitted with software for Internet access ("browser software"); 2) a high speed telephone modem or Ethernet (coax cable) connection; and 3) access to an Internet service provider (ISP). With these three requirements fulfilled, reaching AZMET is as simple as:

- 1) Logging on to the Internet using your browser software and procedures required by your ISP.
- 2) Entering AZMET's URL Address: <http://ag.arizona.edu/azmet>.

Entry of this address will connect you to the Main AZMET Web Page which resides on a server operated by the University of Arizona College of Agriculture.

Step 2. Locate the Cotton Advisories on the AZMET Web Page

Upon completing Step 1, the Main AZMET Web Page should appear on your screen. The page begins with the AZMET logo followed by a brief description of AZMET and selected AZMET programs (Figure 1). Underneath this descriptive text resides a matrix of labeled boxes which serve as entry ports to the data and information available from AZMET. One of the boxes carries the label **Weekly Cotton Advisories**. Simply move the cursor over this box and click button the mouse. The Cotton Advisory sub-page will appear on your screen (Figure 2).

Step 3. Viewing or Downloading Advisories

The Cotton Advisory sub-page provides access to 19 location-specific advisories (Figure 2). The locations served by the program are listed in lefthand column on the page while the five remaining columns provide boxes (buttons) that allow you to adjust formats and look back at past advisories. To view the current week's advisory move the cursor to the location of interest and then click on **Current** or **Adobe**. The Adobe version will provide better graphics (Figure 3), but you are required to have the Adobe Acrobat Reader software loaded on your computer. This software is available free of charge and can be downloaded from the Cotton Advisory sub-page by clicking on the label **Download >Adobe Acrobat Reader-Software**. The **Current** version of the advisory comes in ASCII text file format (Figure 4) and does not require the Acrobat software for viewing. Aside from graphics, the Adobe and Current version of the advisories are the same.

The remaining three labels -- **Previous, 1999** and **1998** --allow you to examine past advisories. Click on **Previous** to view last week's advisories. Click on **1999** to review any previous advisory for this year, and click on **1998** to review any 1998 advisory. Both the **1998** and **1999** labels provide all of the year's advisories in an appended chronological format. You may have to scroll through several advisories to view the advisory for a particular date.

You may transfer the files containing advisories to your computer using the download procedure appropriate for your software. In most cases, downloading is as simple as selecting a **Save** or **Save As** command in your browser software. You will need to rename old advisory files each time you download new advisories as the advisory filename remains the same each week.

Step 4. Printing Tips

If you choose to print out the advisories directly from your browser software, you may want to reduce the margins in the Page Setup feature that is present on most browsers. The left and right margins should be adjusted to about 0.8" to avoid truncated or wrap around lines. If you wish to have the advisory print out on one page, you may need to reduce the top and bottom margins some.

If you choose to download the ASCII text version of the advisories and then wish to print them using either word processing software or the DOS Print Command, be advised that you must change the typeface and type size to obtain a decent copy. The advisories are generated in a non-proportional spaced font (most commonly used typefaces use proportional spaced fonts). Failure to adjust the typeface will result in skewed columns and graphics. Failure to adjust the type size will result in wrap around lines. We recommend using the Courier typeface when printing the advisories. Use of the Courier typeface should keep the graphics and columns in alignment. A type size setting of 11 or lower should prevent wrap around lines.



The Arizona Meteorological Network

The Arizona Meteorological Network (AZMET) provides meteorological data and weather-based information to agricultural and horticultural interests operating in southern and central Arizona. Meteorological data is collected from a network of automated weather stations located in both rural and urban production settings. Meteorological data collected by AZMET include temperature (air and soil), humidity, solar radiation, wind (speed and direction), and precipitation. AZMET also provides a variety of computed variables, including heat units (degree-days), chill hours, and reference crop evapotranspiration (ET₀). AZMET data are summarized in a variety of formats, including several ready-to-use summaries that use English units, and comma-delimited ACSII text files that can be imported into most database and spreadsheet programs. Special reports generated by AZMET include the Phoenix Area Turf Water Use Report and Weekly Cotton Advisories (generated Mondays from February through August).

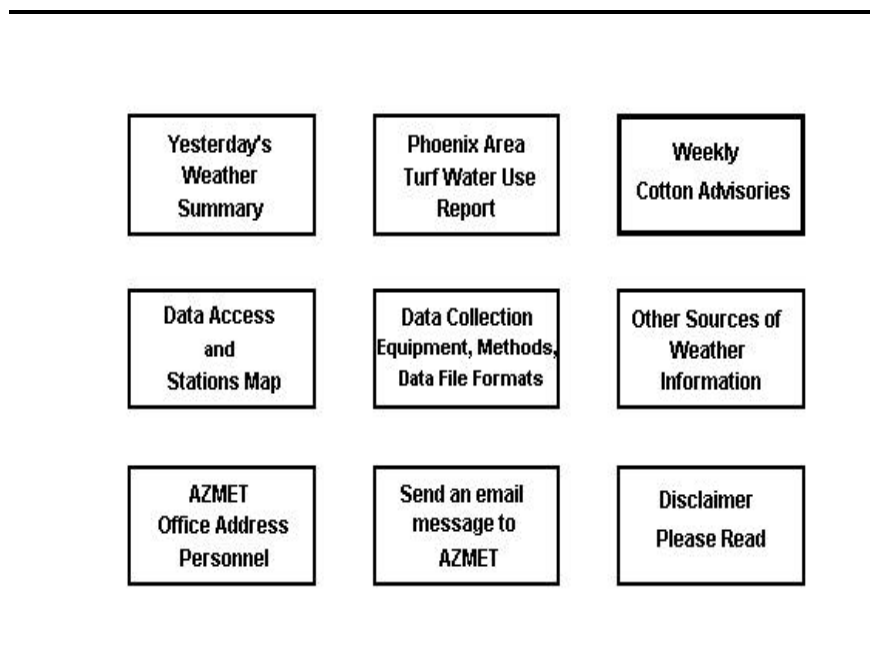


Figure 1. The main AZMET Web Page. Click on the box labeled Weekly Cotton Advisories to access cotton advisories.

Cotton Advisories



[Download >Adobe Acrobat Reader=software](#)



Aguila	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Buckeye	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Cochise County	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Coolidge	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Eloy	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Harquahala	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Laveen	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Litchfield	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Marana	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Maricopa	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Mohave	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Paloma	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Parker	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Pinal County	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Queen Creek	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Roll	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Safford	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Yuma Valley	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>
Greenlee County	<u>Adobe</u>	<u>Current</u>	<u>Previous</u>	<u>1999</u>	<u>1998</u>

Figure 2. The Cotton Advisory Page provides access to both current and past Weekly Cotton Advisories. **[Current](#)** and **[Adobe](#)** provide this week's advisory; **[Previous](#)** provides last week's advisory; **[1998](#)** and **[1999](#)** provide all advisories for 1998 and 1999, respectively.

COOLIDGE MAR 7, 1999
COTTON PLANTING DATE ADVISORY

PINK BOLLWORM SUSCEPTIBILITY *

HIGH MEDIUM LOW

379

normal

PLANTING WINDOWS

Short Season
Medium Season
Full Season

0	200	400	600	800	1000	1200	1400
HEAT UNITS (HU) ACCUMULATED FROM JAN 1 - MAR 6							
= Heat Units accumulated from JAN 1 - FEB 28							

* HIGH:>50%, MEDIUM:25-50%, LOW<25% Spring Emergence after Susceptible Square

INSECT UPDATE

Cotton seedling disease in AZ is caused primarily by *Rhizoctonia solani* & *Thielaviopsis basicola*. Disease can usually be prevented by planting when soils are 65F (6-8" depth); by using quality seed that emerges & develops roots rapidly; by rotating out of cotton for at least 2 years; & by treating seed with fungicides. Seed is treated by the supplier or as hopper box treatments. Combinations work best, such as PCNB for *Rhizoctonia* & triadimenol for *Thielaviopsis* with systemics (i.e. carboxin, chloroneb) & protectants (i.e. Thiram, Captan). Fungicides active against *Pythium*, such as metalaxyl, usually are not necessary. In-furrow applications of suitable fungicides should be considered for replant IF disease has been confirmed & the agent identified (MO 2/99).

WEATHER UPDATE

Last Week : FEB 28 - MAR 6					This Week : MAR 7 - MAR 13					
	HIGH	LOW	DEWPT	HUS	RAIN		HIGH	LOW	DEWPT	HUS
Normal	73	43	35	44	----	Normal	75	42	33	54
Recorded	82	40	35	72	0.00	1998	73	39	38	47

HUs are running about 12 days ahead of normal.

FORECAST:

The main Pacific storm track (jet stream) is forecast to move south into AZ this week. Passing Pacific storms will have a greater impact on AZ weather by late in the week. Mostly clear & cool Monday followed by gradual warming to above normal temperature conditions mid-week. A Pacific storm system is forecast to pass through the southwest on Friday bringing windy, much cooler weather & a chance for rain. A second Pacific storm may impact AZ weather by Sunday.

GOOD PLANTING FORECAST: Sunny with highs above 80F & lows above 48F.

Last Week's 8am Soil Temp: Max = 60 MAR 4 ; Min = 56.5 FEB 28

AGRONOMY UPDATE

A very susceptible stage of development for young cotton seedlings is the period immediately following planting. When seed is placed in the ground it begins to absorb (imbibe) water and initiates a rapid increase in metabolic activity. Much of this physiological activity takes place within the first few hours after planting. It is at this stage when young seedlings are very sensitive to chilling injury. If soil temperatures are 50F or less while the seed is first imbibing water, damage to the seedling can occur, reducing vigor and enhancing the chance for seedling disease. The cotton advisories and other bulletins are available on the Internet from AZMET at <http://ag.arizona.edu/azmet> and the Arizona Cotton Information Site (ACIS) at <http://ag.arizona.edu/cotton> (JCS 3/6/99).

Figure 3. Example of an Adobe version of a Weekly Cotton Advisory for Coolidge.

