



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
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AGRICULTURAL NEWS: Scattered thunderstorms across the State limited farming activities in most areas. Temperatures averaged 70 degrees, 5 degrees above normal and 6 degrees warmer than the previous week. Rainfall totaled 1.57 inches statewide, 0.51 inches above normal. Main farm work included cutting hay, planting, and field preparation where possible. **Topsoil moisture**, as of Friday, May 14, was rated 2 percent very short, 14 percent short, 64 percent adequate and 20 percent surplus. **Subsoil moisture**, was rated 1 percent very short, 8 percent short, 79 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 4.7 out of a possible 7 days. Several farmers reported sightings of the periodical Cicadas which may affect small fruit trees.

SMALL GRAINS: As of Friday, May 14, wheat condition was rated 3 percent poor, 17 percent fair, 53 percent good, and 27 percent excellent. Most farmers are predicting good to excellent yields with minimal disease activity. Barley yellow dwarf has been reported in some areas.

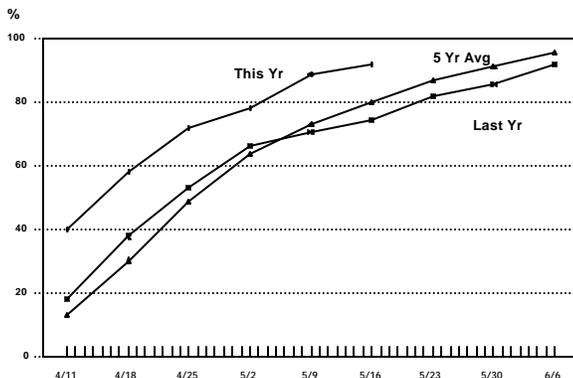
TOBACCO: As of Sunday, May 16, burley tobacco set was 19 percent, 9 percent ahead of the previous year, and 2 percent above average. Dark tobacco was 15 percent set, 7 percent ahead of the previous year, and 3 percent behind average. Condition of the set

tobacco crop was 2 percent poor, 16 percent fair, 70 percent good, and 12 percent excellent. Most greenhouses still have a good supply of plants.

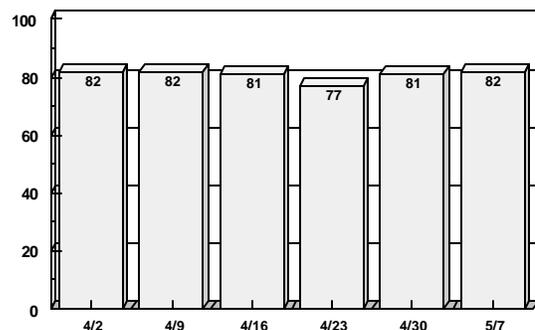
CORN AND SOYBEANS: Planting progress continued. Corn is being replanted in many areas as a result of the cooler April temperatures or flooding. As of Sunday, May 16, corn producers have planted 92 percent of their acres, 17 percent ahead of last year, and 12 percent above average. Corn emerged was 80 percent, 14 percent ahead of last year, and 12 percent above the 5 year average. Corn emerged condition rated 1 percent very poor, 4 percent poor, 23 percent fair, 51 percent good and 21 percent excellent. Soybeans were 20 percent planted, 10 percent ahead of last year, and 1 percent behind average. Soybeans emerged were 6 percent.

OTHER CROPS: Hay cutting was the main farm activity in areas not affected by rain. Due to spring rains, some of the crop is over-mature and farmers are expecting a much lower yield than last year. Hay crop condition was 1 percent very poor, 3 percent poor, 21 percent fair, 54 percent good, and 21 percent excellent. Pasture condition was rated 1 percent very poor, 2 percent poor, 18 percent fair, 56 percent good, and 23 percent excellent. Sorghum planted was 11 percent. Strawberry size reported was 44 percent small, 41 percent medium, 15 percent large.

CORN PLANTING PROGRESS



WHEAT CONDITION
% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING MAY 16, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	92	75	80	89	84
Emerged	80	66	68	68	36
Soybeans					
Planted	20	10	21	15	35
Sorghum					
Planted	11	NA	NA	NA	29
Burley Tobacco Set	19	10	17	5	NA
Dark Tobacco Set	15	8	18	8	NA

(NA) Data Not Available.

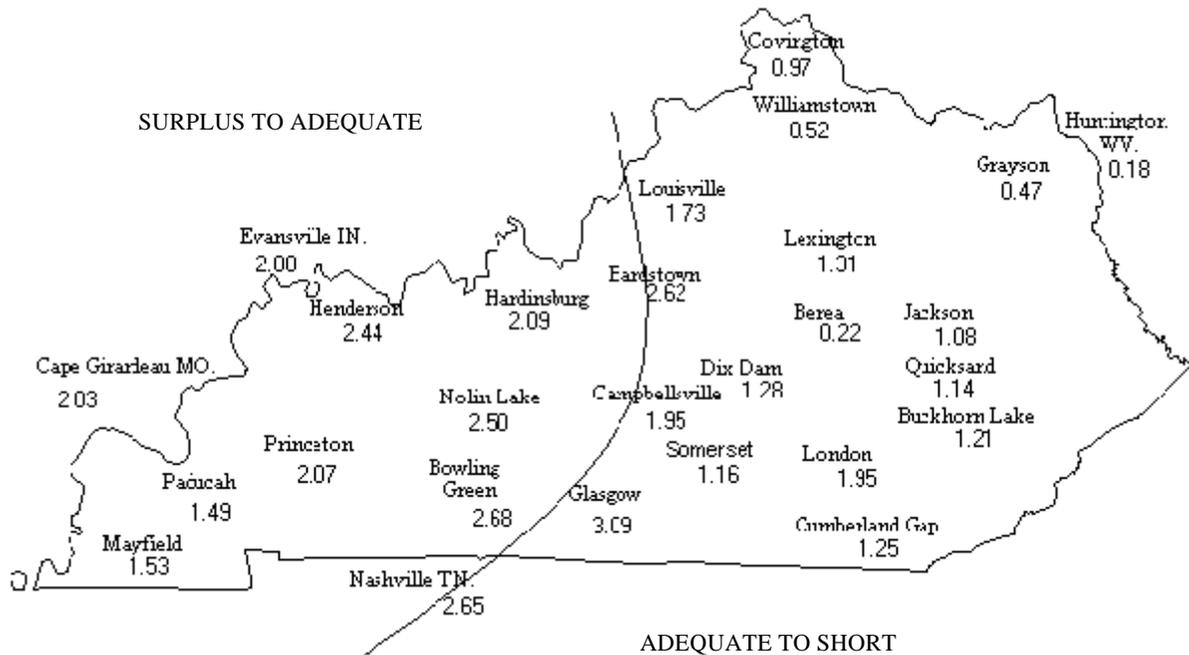
SOIL MOISTURE
WEEK ENDING MAY 14, 2004
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	2	1
Short	14	4
Adequate	64	79
Surplus	20	16
SUBSOIL		
Very Short	1	1
Short	8	6
Adequate	79	77
Surplus	12	16

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 14, 2004					WEEK ENDING MAY 7, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn Emerged	1	4	23	51	21	2	4	20	53	21
Wheat	0	3	17	53	27	1	2	15	54	28
Pasture	1	2	18	56	23	1	2	19	55	23
Hay Crops	1	3	21	54	21	1	3	19	55	22
Tobacco Set	0	2	16	70	12	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 16, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 14, 2004



KENTUCKY WEATHER SUMMARY, MAY 10 - 16, 2004:

ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:

This week was warm, humid, and wet. During the week, high temperatures climbed into the 80's, and low temperatures were mainly at or above 60 degrees. Thunderstorms, some severe, formed during the daytime hours dropping locally heavy rains. This pattern was present all week. More rain came during the weekend as a cold front trekked across Kentucky bringing an inch or more rain to many locales. Four of the past five weeks have brought above normal rainfall amounts to the Bluegrass State.

Temperatures for the period averaged 70 degrees across the State which was 5 degrees above normal and 6 degrees warmer than the previous week. High temperatures averaged from 77 in the West to 80 in the East. Departure from normal high temperatures ranged from 3 degrees below normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 61 degrees in the West to 61 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 7 degrees above normal in the East. Extreme highs were in the middle 80's. Extreme lows were in the middle 50's.

Precipitation (liq. equ.) for the period totaled 1.57 inches statewide which was 0.51 inches above normal. Precipitation totals by climate division, West 1.93 inches, Central 2.45 inches, Bluegrass 0.87 inches and East 1.05 inches, which was +0.82, +1.34, -0.16 and +0.05 inches respectively from normal. By station, precipitation totals ranged from a low of 0.22 inches at Berea to a high of 3.09 inches at Glasgow.

Tom Priddy

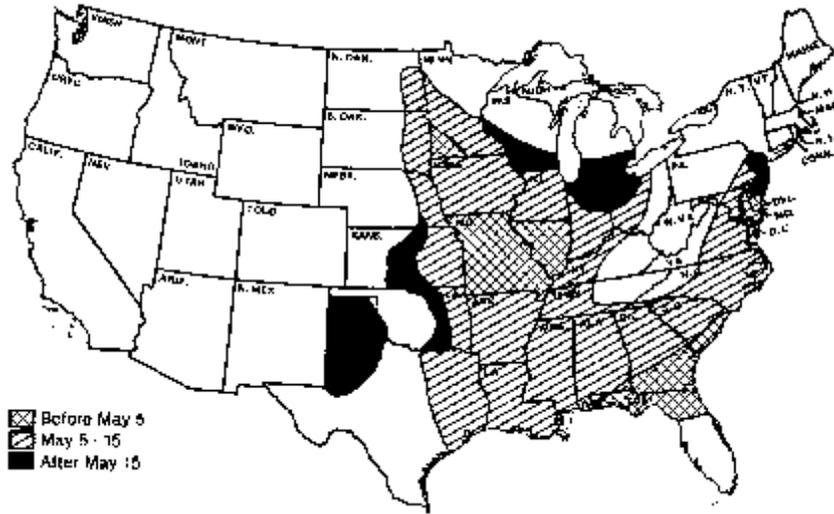
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 16, 7:00 P.M.

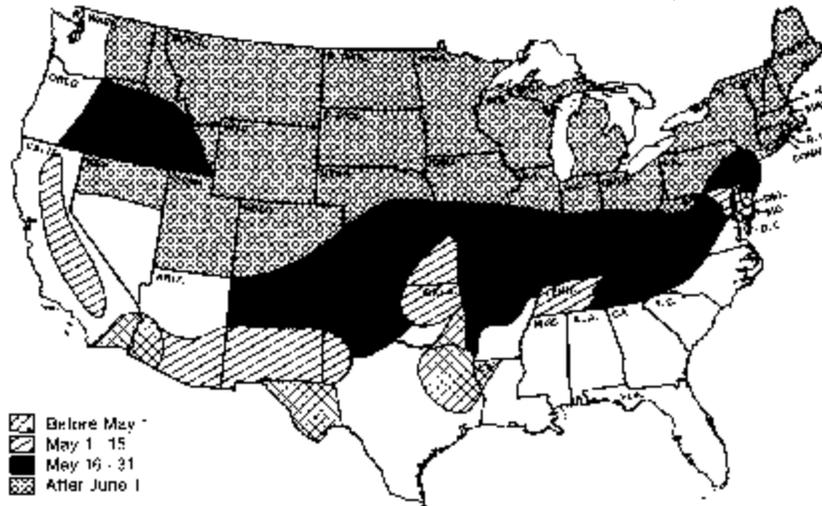
Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	2.62	8.07	6.21	+1.88	+2.35	85	58	70.4	+4	141	560	+20
Berea	0.22	6.40	3.92	-0.34	-0.27	83	60	72.4	+8	155	616	+60
Bowling Green	2.68	9.66	7.82	+2.79	+3.54	84	58	71.1	+5	146	594	+38
Bristol	0.28	5.51	2.39	+0.20	-0.94	85	52	69.9	+5	138	532	+38
Buckhorn Lake	1.21	6.68	3.55	+0.81	-0.07	84	60	70.4	+6	141	555	+61
Cape Girardeau	2.03	6.23	6.12	-0.88	+1.67	83	49	67.6	-0	121	566	-6
Campbellsville	1.95	8.34	5.67	+0.92	+1.10	86	57	71.5	+6	148	603	+47
Covington	0.97	6.54	4.60	+0.58	+0.89	84	53	67.6	+3	122	461	-3
Cumberland Gap	1.25	7.14	4.44	+0.58	+0.33	83	56	70.3	+5	140	550	+56
Dix Dam	1.28	6.58	4.60	-0.09	+0.47	84	59	71.1	+6	146	567	+27
Evansville	2.00	5.01	4.96	-1.46	+0.90	85	54	69.8	+2	137	594	+68
Glasgow	3.09	11.20	8.29	+4.04	+3.86	87	58	72.7	+7	157	672	+176
Grayson	0.47	5.62	2.95	-0.21	-0.70	86	58	71.4	+7	149	563	+115
Hardinsburg	2.09	8.60	6.56	+1.78	+2.32	85	57	69.6	+4	136	587	+31
Henderson	2.44	7.05	6.53	+0.44	+2.48	85	54	68.5	+0	129	597	+41
Huntington	0.18	5.46	2.55	-0.34	-1.09	87	57	71.8	+7	150	571	+77
Jackson	1.08	5.47	2.82	-0.94	-1.13	85	61	70.8	+6	144	571	+77
Lexington	1.31	6.45	4.93	+0.26	+1.07	84	57	70.2	+5	139	514	+50
London	1.95	6.77	4.72	+0.65	+0.95	82	57	69.6	+5	136	543	+49
Louisville	1.73	8.09	5.93	+1.48	+1.85	85	57	69.9	+4	139	568	+42
Mayfield	1.53	6.20	5.60	-1.44	+0.99	84	59	70.2	+2	140	562	-40
Nashville	2.65	11.37	8.84	+4.48	+4.57	84	62	71.7	+6	150	638	+36
Nolin Lake	2.50	9.58	7.33	+2.22	+2.69	85	58	70.7	+5	143	603	+63
Paducah	1.49	6.24	5.55	-1.32	+1.00	83	53	69.2	+1	134	620	+48
Princeton	2.07	8.10	6.38	+0.74	+1.90	84	54	70.9	+3	145	646	+60
Quicksand	1.14	6.80	3.38	+0.39	-0.57	85	61	70.6	+6	143	567	+73
Somerset	1.16	6.11	3.83	-0.86	-0.53	85	53	70.2	+5	140	541	+1
Spindletop	0.89	5.29	3.79	-0.90	-0.07	83	57	69.8	+5	136	509	+45
Williamstown	0.52	5.40	3.99	-1.03	+0.05	86	55	69.4	+5	133	539	+75

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

SOYBEANS - USUAL START OF PLANTING



ALFALFA HAY - USUAL START OF HARVESTING, PRINCIPAL AREAS



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.