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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
 Univ. of Ky - Agr'l Weather Center
 U.S. Dept. of Commerce - NOAA
 Kentucky Department of Agriculture
 Cooperative Extension Service

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TNS 15-03

AGRICULTURAL NEWS: Heavy rains and severe storms hit the southeast part of the State in the early part of the week, but statewide rainfall was 0.52 inches below normal for the week. Temperatures were 1 degree above normal which combined to dry out topsoils. Farmers were able to get into their fields most of the week. Days suitable for fieldwork averaged 6.0 out of a possible seven days. Topsoil moisture as of Friday, July 4 was rated 1 percent very short, 21 percent short, 72 percent adequate and 6 percent surplus. Subsoil moisture was rated 9 percent short, 84 percent adequate and 7 percent surplus.

CORN: There were mixed reports about corn condition, but most were weather related. Generally most farmers seem optimistic about potential yields if rainfall remains adequate. Some yellowing was reported in those areas that needed rain. The emerged corn was in fair to good condition, with 1 percent very poor, 7 percent poor, 25 percent fair, 43 percent good, and 24 percent excellent. Corn silked or silking was reported at 50 percent.

SOYBEANS: Emerged soybeans were being side dressed. Because of the rapid pace of the winter wheat harvest farmers were able to plant double-crop beans this past week. As of Sunday, July 6, about 96 percent of the crop had been planted, compared with 99 percent a year ago, and ahead of the 5 year average of 100 percent. Fifty-seven percent of intended planted acreage had emerged, compared with 55 percent a year ago, and the average of

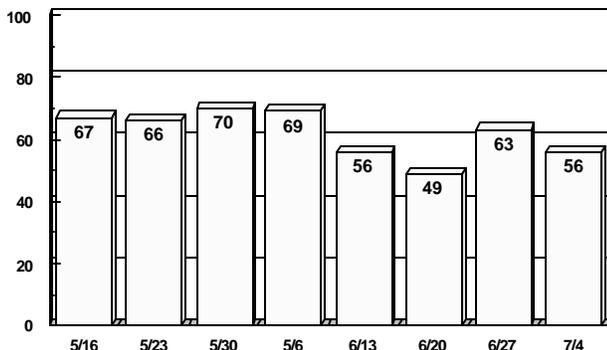
82 percent. Condition of emerged soybeans was rated 1 percent very poor, 3 percent poor, 21 percent fair, 51 percent good, and 24 percent excellent. Soybeans reported as blooming was at 5 percent.

TOBACCO: There were some reports of blue mold and manganese toxicity, but the prevailing concern seems to be the appearance of black shank. There were reports from the eastern part of the State of tobacco just being set due to wet conditions. As of Sunday, July 6, the condition of set tobacco was reported as 1 percent very poor, 11 percent poor, 32 percent fair, 44 percent good, and 12 percent excellent. Tobacco height was reported at 59 percent under 12 inches tall, 32 percent between 12 and 24 inches, and 9 percent over 24 inches high.

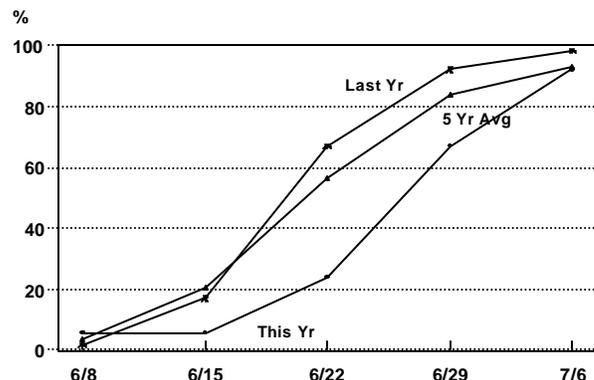
SMALL GRAINS: **Wheat** harvesting was a primary activity in the western half of the State. Wheat combining was 92 percent complete compared with 67 percent completed a year ago and the average of 93 percent. Yields appear better than expected even though there is some docking due to head scab. There was some reports of 90 bushel wheat in the far western part of the State.

OTHER CROPS: Hay baling has been a major activity during the past week. A lot of hay was overly mature and of poor quality. **Pastures** remain in good to excellent condition and were rated 1 percent very poor, 4 percent poor, 19 percent fair, 54 percent good and 22 percent excellent.

BURLEY TOBACCO CONDITION
 % Good to Excellent



WHEAT PERCENT HARVESTED



KENTUCKY CROP PROGRESS
WEEK ENDING JULY 6, 2003
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
		Percentage			
Corn Silking	50	45	52	11	5
Soybean Planted	96	99	100	82	96
Soybean Emerged	57	55	82	55	93
Soybean Blooming	5	9	16	NA	NA
Wheat Harvested	92	67	93	98	47

(NA) Data Not Available.

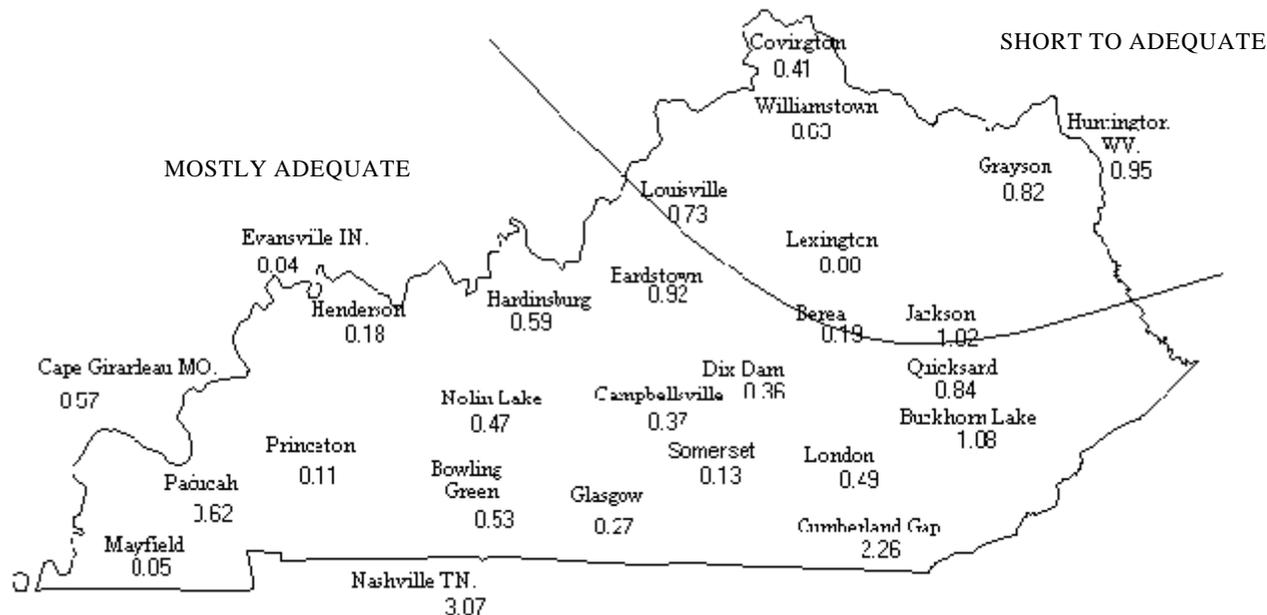
SOIL MOISTURE
WEEK ENDING JULY 4, 2003
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	1	0
Short	21	1
Adequate	72	91
Surplus	6	8
SUBSOIL		
Very Short	0	0
Short	9	1
Adequate	84	89
Surplus	7	10

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JULY 4, 2003					WEEK ENDING JUNE 27, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	7	25	43	24	1	4	22	60	13
Soybeans	1	3	21	51	24	1	2	25	60	12
Pasture	1	4	19	54	22	0	2	18	55	25
Tobacco	1	11	32	44	12	1	6	30	55	8

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 6, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JULY 4, 2003



KENTUCKY WEATHER SUMMARY, JUNE 30 - JULY 6, 2003:

SLIGHTLY ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

The remnants of Tropical Storm Bill provided a glancing blow to the Commonwealth during the first half of the workweek with southeast sections receiving locally heavy rainfall and severe storms. The south and east sections of the State received the heaviest rainfall. Otherwise it was a summer-like weather pattern for the State with daily scattered showers and thunderstorms for most of the week.

Temperatures for this past week averaged 77 degrees across the State which was 1 degree above normal. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 2 degrees below normal in the East. Low temperatures averaged from 68 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 2 degrees above normal in the East. Extreme high and low temperatures were in the low 90's and low to mid 60's respectively. The accumulation of growing degree days for corn (Base 50-mod.) totaled 165 gdd's which was right at normal (98%).

Rainfall for the period totaled 0.52 inches statewide which was 0.52 inches below normal. Rainfall totals by climate division, West 0.26 inches, Central 0.58 inches, Bluegrass 0.27 inches and East 0.95 inches, which was 0.66, 0.49, 0.77 and 0.15 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Lexington to a high of 3.07 inches at Nashville.

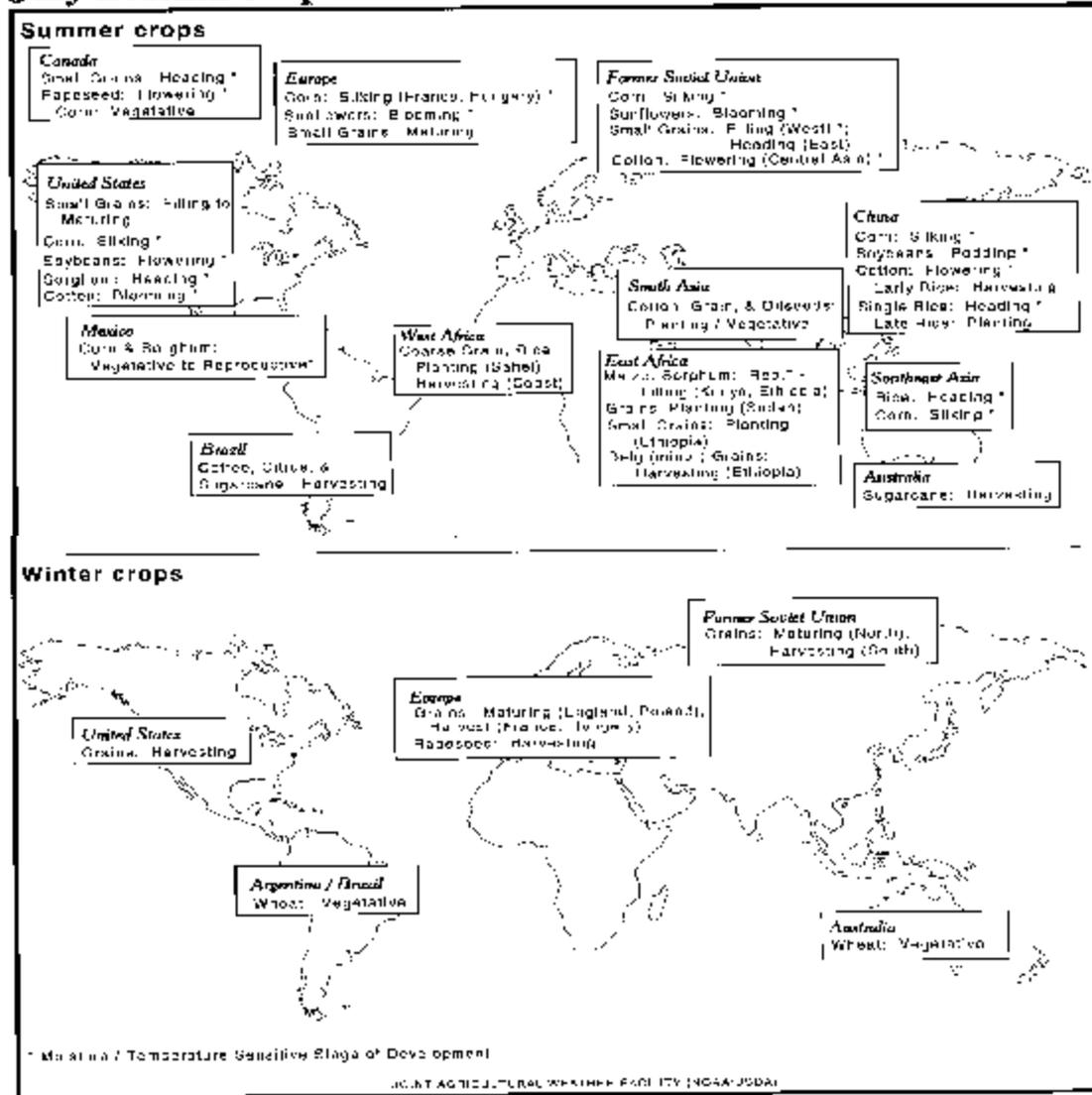
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 6, 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	0.92	19.73	3.85	+6.75	+0.20	89	64	76.1	+0	177	1528	-41
Berea	0.19	18.43	5.36	+4.55	+1.61	90	61	75.7	+1	174	1537	-69
Bowling Green	0.53	20.15	7.84	+5.80	+3.86	91	65	77.3	+2	184	1640	+4
Bristol	2.85	20.94	7.97	+9.36	+4.54	87	60	72.3	-3	154	1453	-19
Buckhorn Lake	1.08	20.52	6.45	+7.57	+2.47	87	62	74.4	-0	168	1474	+68
Cape Girardeau	0.57	19.23	4.91	+5.45	+1.68	92	66	78.9	+1	191	1601	-108
Campbellsville	0.37	18.07	5.05	+2.94	+0.96	91	64	76.6	+1	178	1635	+59
Covington	0.41	12.37	2.25	-0.32	-1.39	90	64	77.1	+2	181	1335	-83
Cumberland Gap	2.26	20.99	6.76	+6.82	+2.62	88	62	73.9	-1	164	1517	+75
Dix Dam	0.36	19.59	4.53	+6.00	+0.88	91	63	76.5	+2	177	1516	-53
Evansville	0.04	12.57	1.85	-0.47	-1.49	92	62	78.5	+1	188	1519	-93
Glasgow	0.27	18.07	4.61	+2.83	+0.21	93	63	78.3	+3	184	1719	+173
Grayson	0.82	19.86	4.00	+7.19	+0.24	91	62	76.3	+1	176	1454	+109
Hardinsburg	0.59	17.34	3.43	+3.45	-0.27	93	62	76.9	+1	176	1553	-83
Henderson	0.18	16.63	3.84	+3.24	+0.27	91	63	78.0	+1	185	1578	-64
Huntington	0.95	19.71	3.70	+7.20	+0.03	92	61	76.4	+2	174	1442	-6
Jackson	1.02	19.19	6.43	+5.77	+2.61	87	63	74.7	-0	171	1429	+23
Lexington	0.00	18.87	3.26	+5.89	-0.39	92	64	77.4	+3	182	1451	+3
London	0.49	20.25	5.72	+7.53	+2.14	88	62	74.2	-1	167	1453	+11
Louisville	0.73	17.91	3.10	+4.73	-0.31	92	65	77.9	+2	185	1527	-85
Mayfield	0.05	15.13	3.97	+0.83	+0.63	90	64	76.5	-1	178	1519	-178
Nashville	3.07	18.20	5.48	+4.61	+2.09	91	68	77.2	+2	184	1725	-14
Nolin Lake	0.47	18.56	5.18	+3.65	+1.33	91	64	77.4	+2	182	1634	+131
Paducah	0.62	17.86	5.36	+3.05	+1.58	93	65	78.9	+1	190	1646	-57
Princeton	0.11	16.96	4.97	+2.52	+1.32	92	63	78.4	+1	186	1662	-10
Quicksand	0.84	24.82	10.65	+11.40	+6.83	87	63	74.6	-0	171	1489	+83
Somerset	0.13	22.55	6.21	+7.94	+2.15	90	63	75.3	+0	171	1530	-3
Spindletop	0.00	14.67	2.06	+1.69	-1.59	89	63	75.9	+1	174	1402	-46
Williamstown	0.63	12.92	2.84	-0.29	-0.80	90	64	77.4	+3	182	1490	+42

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr1 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/>

July normal crop calendar



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.