



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
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Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
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Cooperative Extension Service

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AGRICULTURAL NEWS: Scattered showers fell across the State this week, with some areas receiving little or no rain. Farmers could still use some more rain. The top agricultural activities continued to be baling hay, planting soybeans, and harvesting wheat, as well as the cultivation of tobacco. Days suitable for fieldwork averaged 5.1 out of a possible seven. **Topsoil moisture** as of Friday, June 28 was rated 7 percent very short, 30 percent short, 54 percent adequate, and 9 percent surplus. **Subsoil moisture** was rated 2 percent very short, 26 percent short, 64 percent adequate, and 8 percent surplus.

CORN: Scattered showers helped the corn continue to look good, but most fields could use more rain. Fields where the rains missed are starting to show signs of stress. Little insect problems were reported. The condition of the crop was rated as 9 percent poor, 28 percent fair, 48 percent good, and 15 percent excellent, as of Friday, June 28. As of Sunday, June 30, 30 percent of the corn was silking, compared with 41 percent the previous year, and 24 percent for the five year average.

SOYBEANS: As of Sunday, June 30, 97 percent of the soybean crop was planted. Soybeans emerged at 77 percent, compared with 92 percent a year ago, and 70 percent for the five year average. Soybeans blooming was at 2 percent. The condition of the crop was 5 percent poor, 27 percent fair, 53 percent good, and 15 percent excellent. The soybeans look good, but certain areas of the State are

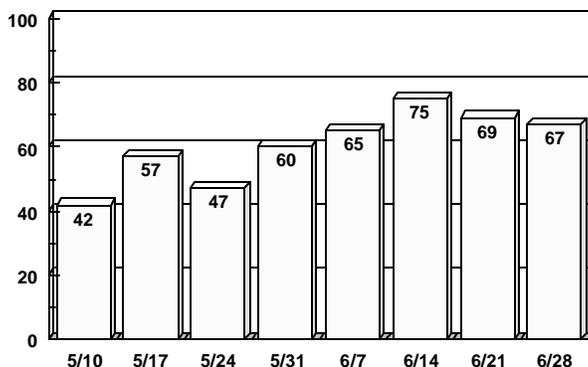
experiencing the extremes: excessive rains and water damage to little or no rains hindering double crop emergence. Farmers were spraying for weeds.

TOBACCO: The tobacco crop looked good throughout the State, although in some areas the late set tobacco was showing signs of stress due to heat and lack of soil moisture. Black shank was the most prevalent disease problem reported, although a couple of reports mentioned worms, leaf spot, and manganese toxicity. Condition of the set tobacco was reported as 1 percent very poor, 5 percent poor, 27 percent fair, 52 percent good, and 15 percent excellent. As of Friday, June 28, 9 percent of the set tobacco was over 24 inches, 32 percent was 12-24 inches, and 59 percent was under 12 inches in height.

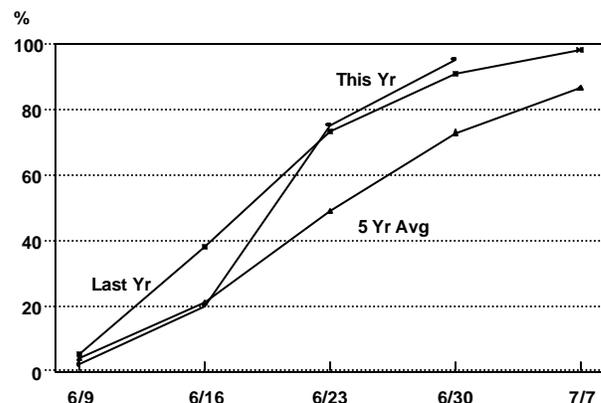
SMALL GRAINS: Wheat harvest was nearly complete with 95 percent of the crop harvested as of Sunday, June 30. Last year 91 percent of the crop was harvested, and the five year average was 73 percent. Reports on wheat quality and yields were varied.

OTHER CROPS: The majority of farming activity this past week included the cutting and baling of **hay**. **Pasture** conditions declined slightly over the past week, although the rains where received were beneficial. The condition of the pastures were rated as 1 percent very poor, 6 percent poor, 22 percent fair, 55 percent good, and 16 percent excellent.

BURLEY TOBACCO CONDITION
% Good to Excellent



WHEAT PERCENT HARVESTED



KENTUCKY CROP PROGRESS
WEEK ENDING JUNE 30, 2002
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
		Percentage			
Corn Silking	30	41	24	NA	NA
Soybean Planted	97	85	59	68	NA
Soybean Blooming	2	17	9	NA	NA
Wheat Harvested	95	91	73	75	34

(NA) Data Not Available.

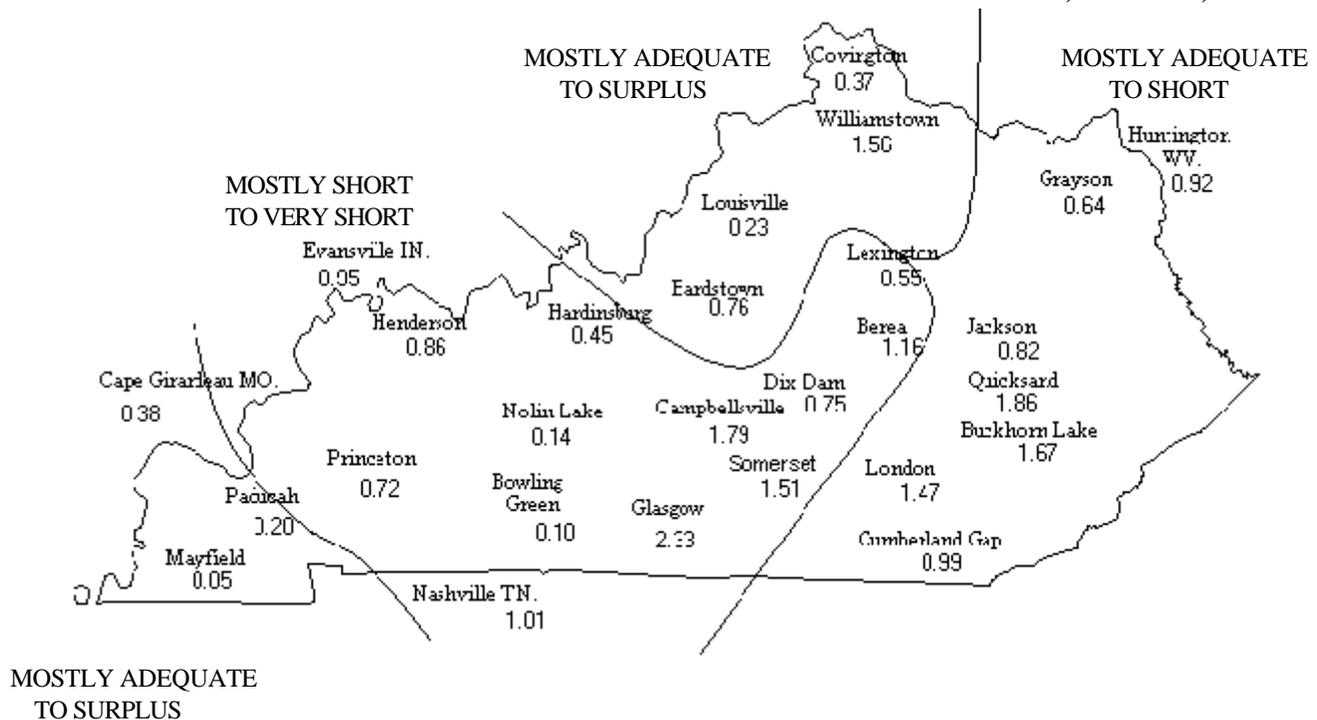
SOIL MOISTURE
WEEK ENDING JUNE 28, 2002
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	7	3
Short	30	23
Adequate	54	70
Surplus	9	4
SUBSOIL		
Very Short	2	3
Short	26	12
Adequate	64	79
Surplus	8	6

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 28, 2002					WEEK ENDING JUNE 21, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	9	28	48	15	1	5	23	52	19
Soybeans	0	5	27	53	15	0	2	26	55	17
Pasture	1	6	22	55	16	1	3	21	58	17
Tobacco	1	5	27	52	15	1	5	25	56	13

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 30, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 28, 2002



KENTUCKY WEATHER SUMMARY, JUNE 24 - 30, 2002:

ABOVE NORMAL TEMPERATURES AND NEAR NORMAL RAINFALL:

The week began with above normal temperatures and dry conditions. Wednesday, Thursday and Friday received beneficial rainfall, especially Central, Bluegrass, and East, due to a frontal boundary that moved slowly through the State. The rainfall coupled with an extended period of cloud cover resulted in near normal temperatures Wednesday, Thursday, and Friday.

Temperatures for the past 7 days across the State averaged 78 degrees, which was 3 degrees above normal. High temperatures averaged from 89 in the West to 86 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree above normal in the East. Low temperatures averaged from 70 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 5 degrees above normal in the West to 4 degrees above normal in the East. Extreme highs and lows were 91 degrees at Glasgow and 64 degrees at Williamstown, respectively.

Rainfall for the period totaled 0.78 inches which was near normal. Rainfall totals by climate division, West 0.53 inches, Central 0.67 inches, Bluegrass 0.74 inches and East 1.24 inches, which was -0.33, -0.25, -0.14 and +0.32 inches respectively from normal. By station, rainfall totals ranged from a low of 0.05 inches at Mayfield to a high of 2.33 inches at Glasgow.

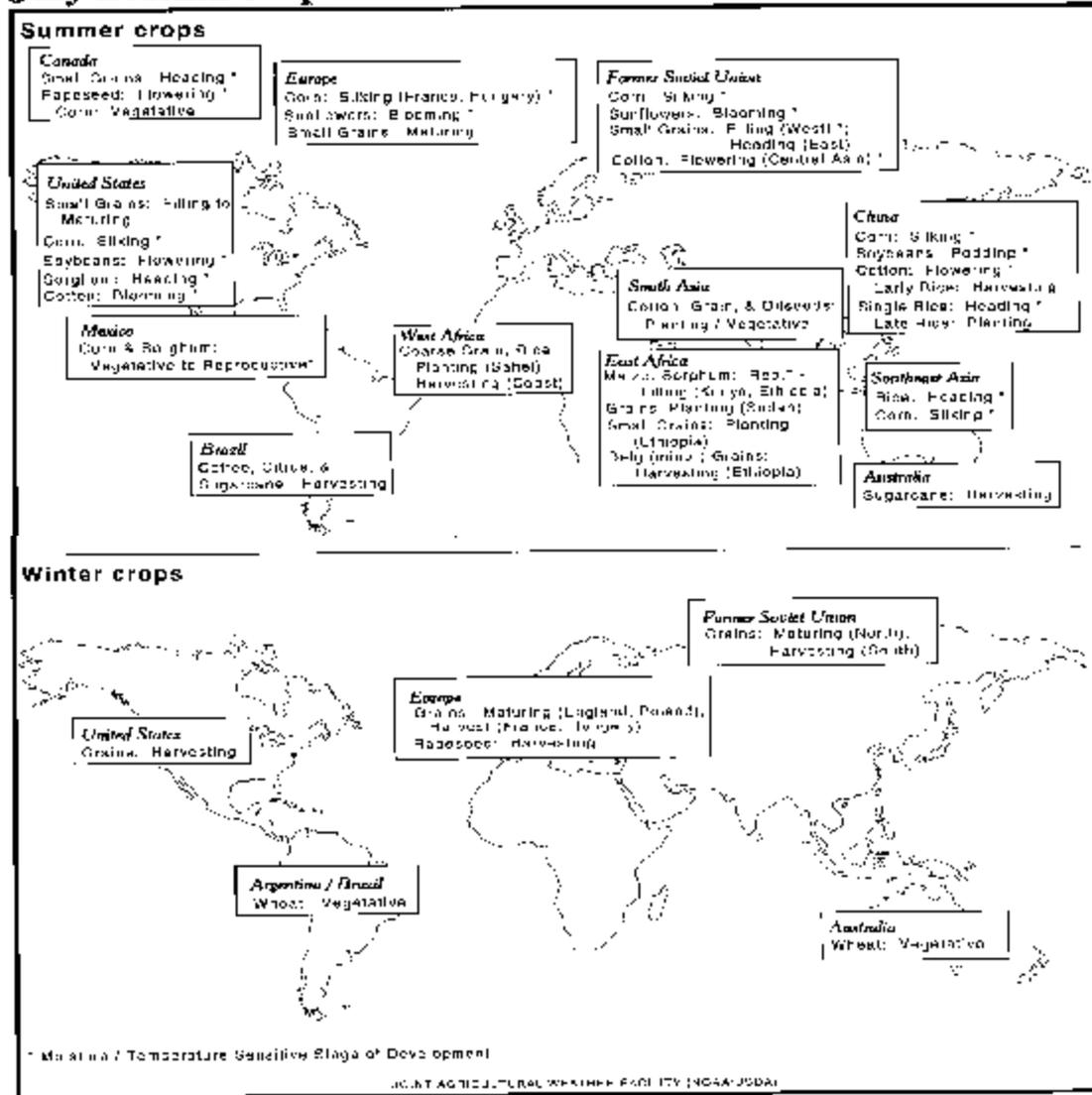
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 30, 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	0.76	17.57	3.20	+5.56	-0.22	92	67	78.1	+3	188	1544	+119
Berea	1.16	19.93	5.97	+6.91	+2.28	89	66	77.6	+3	186	1591	+135
Bowling Green	0.10	14.06	1.20	+0.63	-2.69	92	67	79.2	+4	190	1580	+94
Bristol	0.77	5.36	1.85	-5.38	-1.45	91	63	77.1	+3	180	1493	+159
Buckhorn Lake	1.67	12.42	4.27	+0.41	+0.40	92	65	76.6	+2	178	1470	+196
Cape Girardeau	0.38	21.21	1.94	+8.12	-1.30	92	69	79.5	+3	194	1644	+97
Campbellsville	1.79	15.73	4.40	+1.64	+0.52	92	68	78.9	+4	191	1622	+196
Covington	0.37	17.52	3.46	+5.65	-0.12	88	62	76.4	+2	179	1332	+58
Cumberland Gap	0.99	7.68	2.07	-5.47	-1.91	92	66	77.4	+3	183	1533	+229
Dix Dam	0.75	16.72	3.59	+4.09	+0.16	92	67	78.1	+4	187	1524	+99
Evansville	0.95	18.33	2.90	+6.07	-0.36	92	67	79.4	+3	194	1560	+104
Glasgow	2.33	14.52	4.69	+0.31	+0.40	94	68	80.4	+5	194	1714	+318
Grayson	0.64	12.66	2.71	+0.93	-0.87	92	67	77.5	+3	183	1455	+242
Hardinsburg	0.45	16.01	2.67	+3.04	-0.87	92	68	79.1	+4	192	1546	+60
Henderson	0.86	21.21	4.08	+8.61	+0.54	92	67	79.2	+2	191	1611	+125
Huntington	0.92	12.79	2.72	+1.23	-0.73	91	65	76.9	+3	182	1452	+148
Jackson	0.82	14.23	4.53	+1.83	+0.96	88	67	76.0	+2	180	1480	+206
Lexington	0.55	11.86	2.64	-0.15	-0.78	94	67	78.5	+4	190	1447	+143
London	1.47	11.35	3.69	-0.45	+0.31	89	65	75.9	+2	178	1445	+141
Louisville	0.23	16.61	3.14	+4.30	-0.09	92	69	79.2	+4	195	1522	+66
Mayfield	0.05	12.31	0.27	-1.12	-2.88	92	67	78.1	+1	186	1541	-6
Nashville	1.01	9.77	1.52	-3.05	-1.81	93	69	79.2	+4	192	1700	+123
Nolin Lake	0.14	14.42	1.64	+0.49	-2.02	92	68	79.1	+4	192	1554	+189
Paducah	0.20	16.91	0.83	+2.91	-2.95	94	69	81.0	+4	200	1669	+122
Princeton	0.72	16.64	1.88	+3.03	-1.71	92	67	79.6	+3	194	1740	+224
Quicksand	1.86	13.57	4.61	+1.17	+1.04	92	65	76.8	+3	179	1473	+199
Somerset	1.51	12.90	3.43	-0.76	-0.53	92	66	77.1	+3	183	1491	+96
Spindletop	0.06	11.00	2.43	-1.01	-0.99	89	67	77.2	+3	184	1406	+102
Williamstown	1.56	14.93	4.52	+2.60	+1.00	92	64	77.6	+3	184	1501	+197

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: tpriddy@ca.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, send an E-Mail message to nass-state-releases@news.usda.gov with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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