



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

Kentucky Agricultural Statistics Service
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JMB 13-05

AGRICULTURAL NEWS: Early week storms swept across the State bringing much needed rain. However, the eastern portion of the State received spotted rains and still remains dry. There were some reports of minor crop damage due to the storms. The latter half of the week was spent spraying for weeds, cutting and baling hay, and harvesting small grains. Days suitable for fieldwork averaged 5.3 out of a possible 7 days. **Topsoil moisture** as of Friday, June 17, was rated 15 percent very short, 28 percent short, 53 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 10 percent very short, 30 percent short, 58 percent adequate, and 2 percent surplus.

TOBACCO: The majority of the tobacco crop looks good throughout the State, although there were a few reports of disease. Ninety-four percent of the burley tobacco has been set, compared to 87 percent for last year and the five year average. Dark tobacco was ahead of last year's pace as well, with 99 percent set, compared to 84 percent last year and 92 percent for the five year average. The set tobacco condition was rated 3 percent poor, 26 percent fair, 58 percent good, and 13 percent excellent. As of Friday, June 17, 70 percent of transplants were under 12 inches in height, 25 percent 12-24 inches in height, and 5 percent over 24 inches.

CORN: The corn condition improved with the recent rains, with 81 percent rated good to excellent compared with last

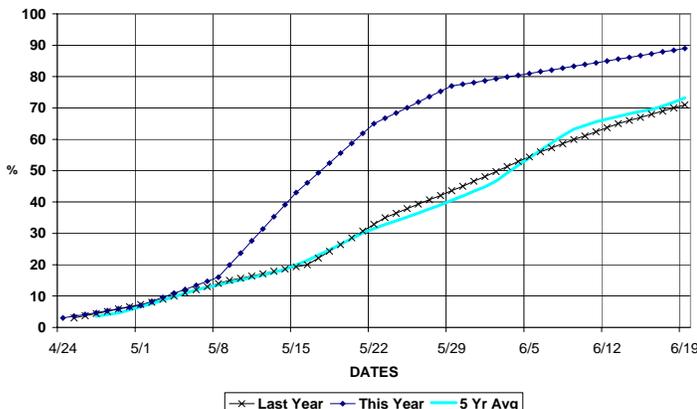
week's 77 percent. Emerged corn was rated 3 percent poor, 16 percent fair, 52 percent good, and 29 percent excellent.

SOYBEANS: As of Sunday, June 19, 89 percent of the crop had been planted, well ahead of both last year's 71 percent and the average of 73 percent. About 85 percent of the soybeans had emerged; also well ahead of last year's 65 percent and the average of 66 percent. Emerged soybeans were rated 2 percent poor, 14 percent fair, 63 percent good, and 21 percent excellent. Average height of emerged soybeans was 9 inches.

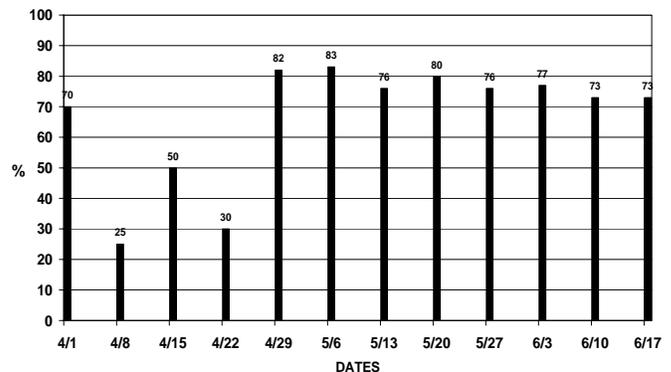
SMALL GRAINS: Wheat harvest was delayed due to the rain with 15 percent completed as of Sunday, June 19, compared with 29 percent a year ago and the average of 37 percent. Barley harvest continued to make good progress with 95 percent complete by Sunday, June 19, compared to 92 percent last year and 91 percent for the average. Yield and quality are generally good to excellent

OTHER CROPS: Sorghum planting is well ahead of last year's 82 percent and the 5 year average of 81 percent, with 90 percent of the crop planted. Hay cutting and baling continues with 45 percent of the second cutting of alfalfa hay complete. Pasture conditions improved with the rain, with 2 percent very poor, 6 percent poor, 35 percent fair, 47 percent good, and 10 percent excellent as of Friday, June 17.

SOYBEAN PLANTED PROGRESS



PASTURE CONDITION
& Good to Excellent



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 19, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Planted	89	71	73	85	94
Emerged	85	65	66	76	85
Sorghum Planted	90	82	81	90	72
Barley Harvested	95	92	91	35	NA
Wheat Harvested	15	29	37	3	NA
Burley Tobacco Set	94	87	87	90	NA
Dark Tobacco Set	99	84	92	82	NA

(NA)Data Not Available.

SOIL MOISTURE

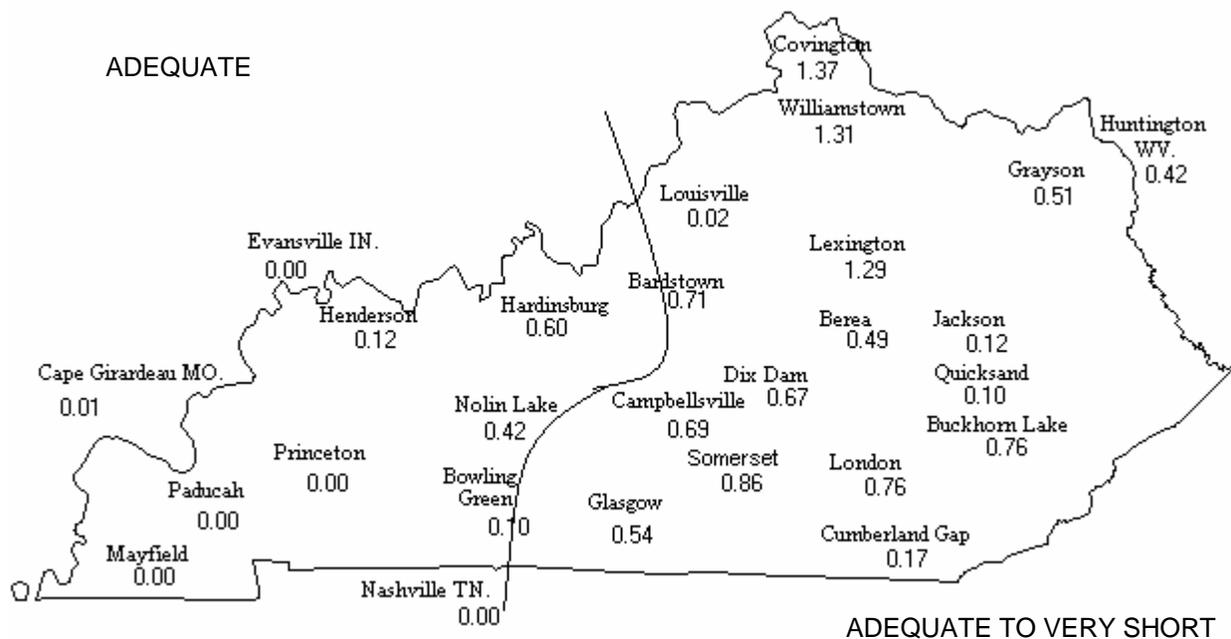
WEEK ENDING JUNE 17, 2005
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	15	6
Short	28	33
Adequate	53	57
Surplus	4	4
SUBSOIL		
Very Short	10	6
Short	30	25
Adequate	58	66
Surplus	2	3

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 17, 2005					WEEK ENDING JUNE 10, 2005				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn	0	3	16	52	29	1	3	19	49	28
Soybeans	0	2	14	63	21	0	2	13	56	29
Pasture	2	6	35	47	10	3	7	34	44	12
Tobacco Set	0	3	26	58	13	1	4	22	57	16

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 19, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 17, 2005



KENTUCKY WEATHER SUMMARY, JUNE 13 - 19, 2005:

Near Normal Temperatures and Below Normal Precipitation

The week began with a warm and humid air mass entrenched over the Ohio Valley. Highs were in the upper 80's and lower 90's. Dew points were near 70 degrees. High humidity values allowed livestock heat stress to enter the danger category for several hours on Monday and Tuesday. Also on Tuesday, a vigorous cold front pushed through the State. Nearly every county was under a severe thunderstorm watch. Strong winds and hail were widely reported. The remainder of the week was cool, dry, and sunny. Dew points dropped into the 50's, and high temperatures were in the upper 70's. Other than some early morning dense fog, weather conditions were nearly ideal. Three of the past 4 weeks have had below normal precipitation amounts, and 4 of the last 5 weeks have had below normal temperatures.

Temperatures for the period averaged 72 degrees across the State which was 1 degree below normal. High temperatures averaged from 84 in the West to 82 in the East. Departure from normal high temperatures ranged from 3 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 62 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 2 degree below normal in the West to 0 degrees from normal in the East. The extreme high temperature was 92 degrees at Grayson. The extreme low temperature was 50 degrees at London and Somerset. Rainfall for the period totaled 0.44 inches statewide which was 0.45 inches below normal. Precipitation totals by climate division, West 0.02 inches, Central 0.40 inches, Bluegrass 0.87 inches and East 0.46 inches, which was 0.83, 0.52, 0.01 and 0.45 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at Mayfield, Paducah, and Princeton to a high of 1.37 inches at Covington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

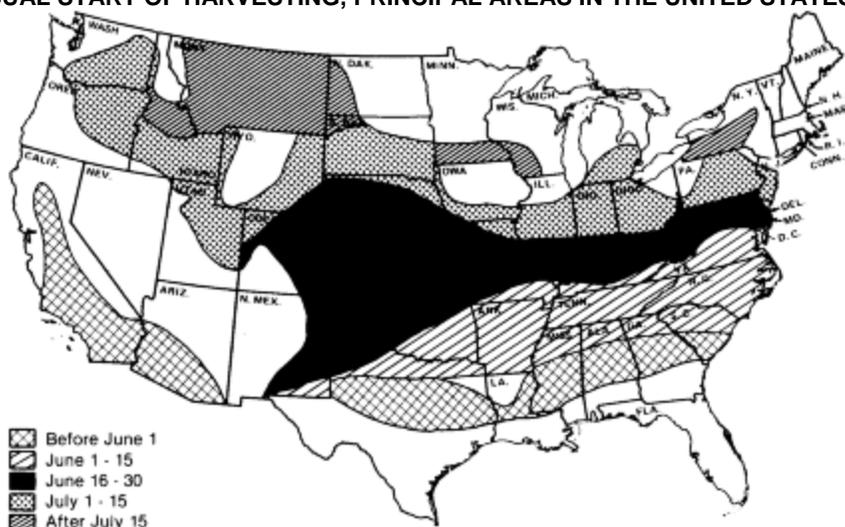
FOR WEEK ENDING SUNDAY, JUNE 19, 7:00 P.M.

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	0.71	11.41	2.84	+0.74	-0.78	88	52	71.4	-2	146	1165	-18
Berea	0.49	8.91	1.33	-2.66	-2.57	89	53	73.1	+0	158	1241	+27
Bowling Green	0.10	9.59	1.35	-2.31	-2.73	90	53	73.8	+0	161	1214	-19
Bristol	0.37	9.94	3.04	+0.50	-0.33	87	51	70.5	-2	141	1064	-39
Buckhorn Lake	0.76	7.76	1.80	-2.73	-2.02	89	53	72.1	-1	150	1164	+99
Cape Girardeau	0.01	10.07	1.92	-1.75	-1.78	90	54	72.6	-3	154	1257	-26
Campbellsville	0.69	11.65	2.98	-0.91	-1.16	90	51	72.8	-1	156	1228	+33
Covington	1.37	7.07	1.82	-3.39	-1.85	87	51	70.5	-2	141	1043	-11
Cumberland Gap	0.17	5.97	0.87	-5.62	-3.22	89	52	72.1	-1	151	1164	+80
Dix Dam	0.67	9.40	1.95	-1.88	-1.75	89	53	72.3	-0	152	1169	-14
Evansville	0.00	9.29	5.08	-1.69	+1.49	89	57	73.1	-2	157	1174	-29
Glasgow	0.54	12.72	3.19	+0.20	-1.19	91	52	74.2	+1	163	1329	+175
Grayson	0.51	8.91	1.65	-1.41	-2.02	92	52	72.5	-0	153	1162	+158
Hardinsburg	0.60	9.40	2.68	-2.18	-1.13	87	54	72.1	-1	153	1194	-39
Henderson	0.12	9.29	2.34	-1.92	-1.38	88	56	72.6	-3	155	1216	-17
Huntington	0.42	8.53	1.26	-1.67	-2.32	94	51	73.0	+0	155	1171	+87
Jackson	0.12	12.21	3.21	+1.21	-0.51	88	55	72.1	-1	151	1194	+129
Lexington	1.29	8.17	2.25	-2.50	-1.37	89	52	71.2	-2	146	1098	+25
London	0.76	9.80	2.02	-0.67	-1.51	90	50	71.1	-2	144	1111	+27
Louisville	0.02	9.66	1.95	-1.38	-1.58	87	54	72.2	-1	152	1152	-51
Mayfield	0.00	7.52	3.05	-4.67	-0.54	89	53	72.4	-3	152	1178	-116
Nashville	0.00	10.56	2.60	-0.95	-1.08	92	58	75.4	+2	171	1308	-5
Nolin Lake	0.42	10.45	2.05	-2.04	-2.02	89	53	73.0	-1	155	1221	+76
Paducah	0.00	8.76	3.39	-3.75	-0.61	89	56	73.1	-2	156	1279	-4
Princeton	0.00	9.11	2.96	-3.09	-0.92	90	56	73.8	-2	159	1306	+43
Quicksand	0.10	10.59	2.79	-0.41	-0.93	89	54	72.2	-1	152	1168	+103
Somerset	0.86	11.15	2.94	-0.96	-1.22	90	50	71.1	-2	144	1139	-25
Spindletop	0.10	6.36	1.30	-4.31	-2.32	89	53	71.4	-1	145	1067	-6
Williamstown	1.31	7.56	2.00	-3.39	-1.67	88	51	70.6	-2	140	1066	-7

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.gwx.ca.uky.edu/>

WINTER WHEAT

USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE UNITED STATES



WINTER WHEAT, SELECTED STATES & U.S., JUNE 1, 2005

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	2004	Ind. 2005	2004	Ind. 2005	2003	2004	Ind. 2005
	(1,000 Acres)		(Bushels)		(1,000 Bushels)		
Colorado	1,700	2,450	27.0	32.0	77,000	45,900	78,400
Illinois	900	600	59.0	59.0	52,650	53,100	35,400
Indiana	440	340	62.0	65.0	29,670	27,280	22,100
Kansas	8,500	9,600	37.0	40.0	480,000	314,500	384,000
KENTUCKY	380	300	54.0	60.0	21,700	20,520	18,000
Missouri	930	600	52.0	49.0	53,070	48,360	29,400
Montana	1,630	2,050	41.0	41.0	67,340	66,830	84,050
Nebraska	1,650	1,700	37.0	43.0	83,720	61,050	73,100
Ohio	890	810	62.0	68.0	68,000	55,180	55,080
Oklahoma	4,700	4,300	35.0	34.0	179,400	164,500	146,200
Oregon	780	840	61.0	58.0	47,940	47,580	48,720
Tennessee	280	170	49.0	48.0	13,500	13,720	8,160
Texas	3,500	3,500	31.0	30.0	96,600	108,500	105,000
Washington	1,750	1,850	67.0	69.0	117,000	117,250	127,650
U.S.	34,462	35,069	43.5	44.1	1,716,721	1,499,434	1,545,971

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