



NATIONAL AGRICULTURAL STATISTICS SERVICE

KENTUCKY WEEKLY CROP & WEATHER REPORT



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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RPT 10-06

AGRICULTURAL NEWS: Mid to late week storms dropped up to 7 inches of rain in a few areas of central Kentucky, slowing fieldwork and hay harvest. Storms were followed by very warm weather which promoted plant development. Temperatures were above normal for the first time in 3 weeks. Average temperature across Kentucky was 68 degrees, 1 degree above normal. Precipitation for the week totaled 1.23 inches statewide, which was 0.17 inches above normal. **Topsoil moisture** as of Friday, May 26 was rated 1 percent very short, 6 percent short, 69 percent adequate and 24 percent surplus. **Subsoil moisture** was rated 1 percent very short, 12 percent short, 69 percent adequate, and 18 percent surplus. Days suitable for fieldwork averaged 4.5 out of a possible 7 days. Heavy rain caused some localized flooding, which washed out parts of fields. Wind associated with the storms caused some lodging in wheat and barley.

TOBACCO: Setting progressed rapidly when field conditions permitted with 47 percent of the burley tobacco set as of Sunday May 28. This is slightly behind last year's 48 percent but ahead of the five year average of 43. Dark tobacco setting reached 30 percent complete, well behind the 61 percent recorded a year ago and the five year average of 47 percent. As of Friday, May 26 set tobacco was rated 1 percent poor, 20 percent fair, 70 percent good, and 9 percent excellent. Most growers report few disease and insect problems so far, but blue mold was detected in a few transplants in Eastern Kentucky late in the week.

CORN: Corn planting is nearly complete except in the eastern and northern parts of Kentucky. Producers had seeded 97 percent of their intended

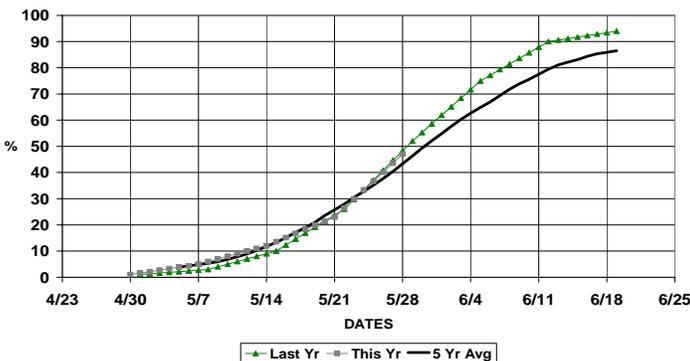
acreage as of Sunday, May 28, unchanged from last year, and ahead of the five year average of 90 percent. About 92 percent of the corn had emerged, slightly behind last year's 93 percent but above the five year average of 84 percent. The average emerged corn height was 15 inches, with the most advanced fields at 25 inches in height. Corn condition was rated 4 percent poor, 20 percent fair, 43 percent good, and 33 percent excellent. A few fields may need to be replanted after the heavy rain late in the week.

SOYBEANS: Soybeans were 50 percent planted as of Sunday May 28, trailing last year's 75 percent but above the five year average of 44 percent. About 25 percent of the planted acres had emerged, behind the 57 percent reported a year ago and the average of 34. Soybean condition was rated 6 percent poor, 27 percent fair, 48 percent good, and 19 percent excellent.

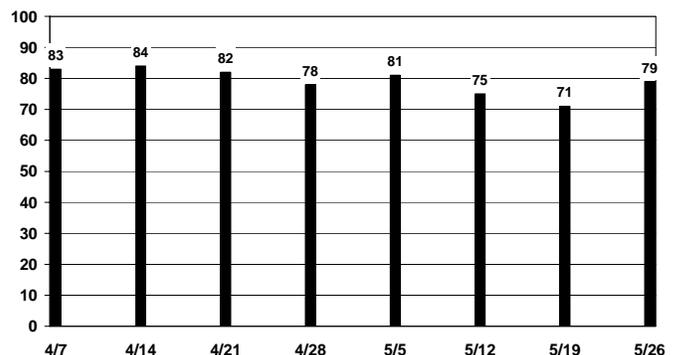
SMALL GRAINS: As of Friday, May 26, winter wheat condition was rated 2 percent poor, 19 percent fair, 58 percent good, and 21 percent excellent. Disease and pest issues seem to be minor at this time. Heavy rains caused some lodging. Barley harvest was just underway in the southern part of the State.

OTHER CROPS & PASTURE: Pastures were rated 3 percent poor, 23 percent fair, 55 percent good, and 19 percent excellent. Hay crops were rated 1 percent very poor, 4 percent poor, 28 percent fair, 51 percent good, and 16 percent excellent. Cool weather and heavy rains have delayed hay harvest. As of Sunday, May 28, 45 percent of the sorghum acreage had been planted compared to 57 percent last year at this time.

BURLEY TOBACCO SET PROGRESS



Winter Wheat Condition
% Good to Excellent



KENTUCKY CROP PROGRESS

WEEK ENDING MAY 28, 2006
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	97	97	90	95	92
Emerged	92	93	84	81	66
Soybeans					
Planted	50	75	44	26	55
Emerged	25	57	34	12	17
Sorghum Planted	45	57	46	40	44
Barley Harvested	1	2	5	NA	NA
Burley Tobacco Set	47	48	43	23	NA
Dark Tobacco Set	30	61	47	15	NA

(NA)Data Not Available.

SOIL MOISTURE

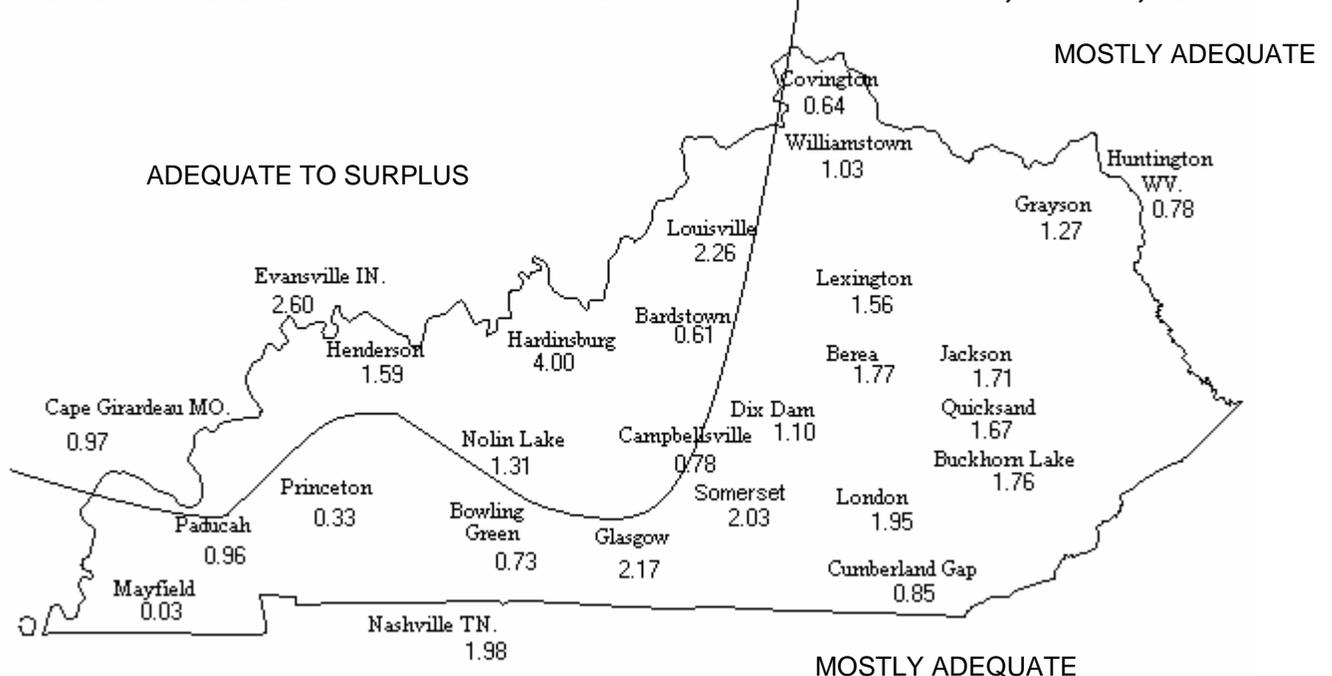
WEEK ENDING MAY 26, 2006
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	1	0
Short	6	3
Adequate	69	68
Surplus	24	29
SUBSOIL		
Very Short	1	1
Short	12	8
Adequate	69	69
Surplus	18	22

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 26, 2006					WEEK ENDING MAY 19, 2006				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn Emerged	0	4	20	43	33	0	4	27	54	15
Soybeans Emerged	0	6	27	48	19	-	-	-	-	-
Wheat	0	2	19	58	21	0	3	26	53	18
Pasture	0	3	23	55	19	1	3	21	57	18
Hay Crop	1	4	28	51	16	1	5	31	50	13
Tobacco Set	0	1	20	70	9	0	2	38	57	3

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 28, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 26, 2006



KENTUCKY WEATHER SUMMARY, MAY 22 – 28, 2006

Above Normal Temperatures and Above Normal Rainfall:

The work week started out cool with temperatures in the upper 60s and low 70s and showers and thunderstorms in the west and southwest. By mid-week, a significant warming trend reversed May's near-record cool temperatures and brought summer-like heat into the Commonwealth. Showers and severe thunderstorms ended the short dry spell with copious rainfall to many parts of the State on Thursday and Friday, especially central and south.

Temperatures for the week averaged 68 degrees across the State which was one degree above normal. High temperatures averaged from 85 in the West to 81 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 2 degrees above normal in the East. Low temperatures averaged from 59 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from near normal in the West to 3 degrees below normal in the East. Extreme high temperatures were in the low 90s and extreme low temperatures were in the upper 30s to low 40s. Western locations received 5 days with high temperatures near or above 90 degrees. Eastern northern locations reported only 1 day in the upper 80s to near 90 degrees.

Precipitation (liq. equ.) for the period totaled 1.23 inches statewide which was 0.17 inches above normal. Precipitation totals by climate division, West 1.25 inches, Central 1.32 inches, Bluegrass 1.18 inches and East 1.17 inches, which was 0.15, 0.21, 0.16 and 0.17 inches respectively above normal. By station, precipitation totals ranged from a low of 0.03 inches at Mayfield to a high of 4.00 inches at Hardinsburg.

Tom Priddy

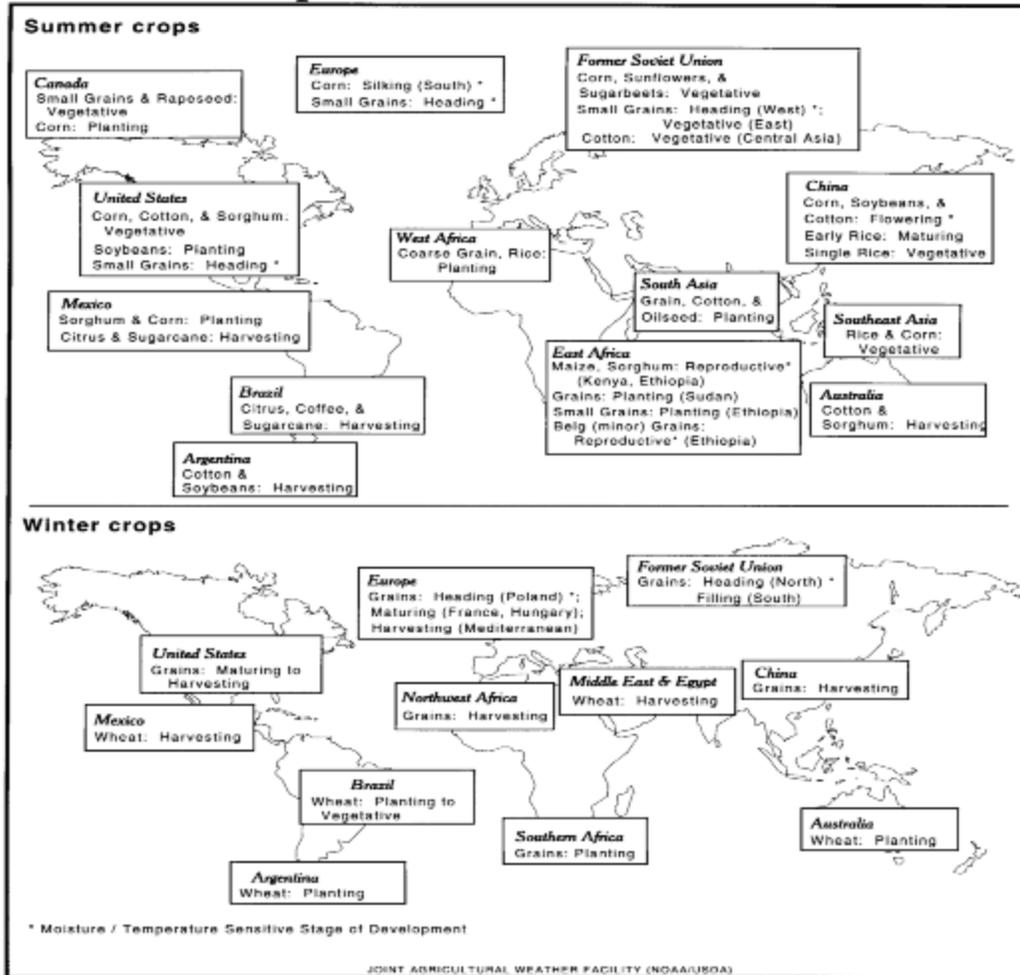
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, MAY 28, 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	0.61	6.30	2.51	-1.62	-1.53	89	45	69.0	+0	134	702	-18
Berea	1.65	8.02	3.88	-0.58	-0.46	89	43	67.4	-1	125	759	+11
Bowling Green	0.73	7.86	3.35	-0.92	-1.11	89	46	71.7	+3	149	814	+66
Bristol	0.56	8.14	2.28	+1.32	-1.24	87	39	65.6	-2	118	681	+19
Buckhorn Lake	1.76	7.77	3.38	+0.31	-0.33	89	46	68.5	+1	129	731	+69
Cape Girardeau	1.68	9.89	6.43	+0.77	+1.74	91	53	74.0	+3	158	839	+63
Campbellsville	0.78	6.87	2.79	-2.56	-1.90	90	43	68.4	-1	129	755	+7
Covington	0.64	8.81	3.23	+1.19	-0.64	88	39	66.4	-2	123	621	-11
Cumberland Gap	0.85	8.64	1.49	+0.22	-2.85	89	46	68.7	+1	130	697	+35
Dix Dam	1.10	8.46	3.26	-0.04	-1.02	88	44	67.2	-1	123	697	-23
Evansville	2.44	8.25	4.84	-0.06	+0.55	92	48	71.9	+1	149	766	+48
Glasgow	2.17	9.18	4.03	+0.06	-0.54	91	44	71.1	+2	145	839	+151
Grayson	1.27	6.98	2.69	-0.50	-1.16	89	43	66.8	-1	122	711	+107
Hardinsburg	4.00	8.77	6.50	+0.06	+2.10	90	48	71.1	+2	143	730	-18
Henderson	1.92	9.75	5.32	+1.38	+1.21	90	49	70.2	-1	135	748	+0
Huntington	0.78	5.84	1.77	-1.61	-2.08	89	41	66.2	-2	120	734	+72
Jackson	1.71	8.18	3.82	+0.03	-0.23	88	47	68.2	+0	126	759	+97
Lexington	1.56	8.21	3.85	+0.29	-0.19	88	44	67.6	-0	126	658	+26
London	1.95	9.11	3.40	+1.34	-0.45	89	41	67.6	-0	128	711	+49
Louisville	2.26	10.65	4.78	+2.25	+0.61	89	44	69.1	+0	135	685	-33
Mayfield	0.03	5.57	2.32	-4.01	-2.21	89	46	68.7	-2	130	697	-109
Nashville	2.22	9.08	4.88	+0.30	+0.47	89	51	73.1	+4	155	908	+102
Nolin Lake	1.31	7.60	3.55	-1.88	-1.40	90	42	68.1	-1	131	752	+32
Paducah	1.15	8.90	6.17	-0.57	+1.71	92	53	74.9	+4	163	882	+106
Princeton	0.33	7.04	3.02	-2.24	-1.46	90	50	72.6	+2	150	848	+70
Quicksand	1.67	6.39	3.44	-1.76	-0.61	89	46	68.4	+0	128	693	+31
Somerset	2.03	7.69	3.54	-1.24	-1.04	89	41	64.7	-3	113	694	-26
Spindletop	1.12	6.43	2.91	-1.49	-1.13	88	43	66.9	-1	123	640	+8
Williamstown	1.03	8.75	3.52	+0.62	-0.46	88	41	66.9	-1	123	634	+2

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.wgwx.ca.uky.edu/>

June 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.