



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
P.O. Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

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

LELAND E. BROWN, State Statistician

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JMB 10-00

AGRICULTURAL NEWS: The week was mostly wet for the western and central parts of the State, with some severe weather in the middle portions. The northeastern portions of the State continued to be dry, although some showers did help. In areas with severe weather, corn and soybean crops were damaged and will need to be replanted.

Topsoil moisture for the State as of Friday, May 26 was rated 4 percent very short, 18 percent short, 54 percent adequate, and 24 percent surplus. **Subsoil moisture** was rated 7 percent very short, 27 percent short, 52 percent adequate, and 14 percent surplus. Farm activities were minimized by the rain with **days suitable for fieldwork** averaging 3.2 days out of a possible 6.

TOBACCO: As of Sunday, May 28, 59 percent of the intended **burley** acreage was set. This compares to 63 percent last year and 37 percent for the five year average. Farmers had also set 58 percent of their **dark tobacco**, compared to 70 percent last year and 43 percent for the average. Tobacco setting pace was slowed down by the rain. Some flea beetles and cut worms had been reported in set tobacco. Minimal to no disease was reported in the crop. Condition of the set tobacco as of Friday was 1 percent very poor, 3 percent poor, 23 percent fair, 60 percent good, and 13 percent excellent.

CORN: Rain in the major corn growing portions of the State hampered the completion of corn planting. About 95 percent of the intended acreage had emerged. This compares to 91 percent last year and 78 percent for the five year average. As of Friday, May 26 emerged corn was rated 2 percent poor, 17 percent fair, 55 percent

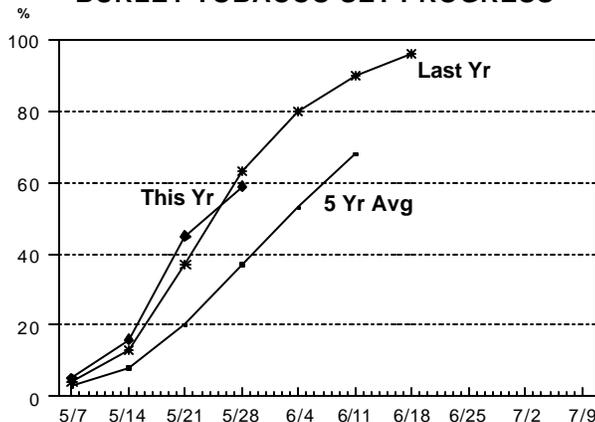
good, and 26 percent excellent. The average height of emerged corn was 12 inches while the most advanced corn average was 20 inches tall. Army worms and other insects continue to be a problem especially on the no-till corn. Spraying for insects was cut short due to rain.

SOYBEANS: The soybean planting pace slowed down this week due to the ground being too wet. As of Sunday, 49 percent of the intended acreage had been planted, behind 59 percent last year, but ahead of the 29 percent average. Of the planted acreage 40 percent of the soybeans had emerged, slightly below last year's average of 41 percent. The soybean crop was rated at 2 percent poor, 17 percent fair, 67 percent good, and 14 percent excellent.

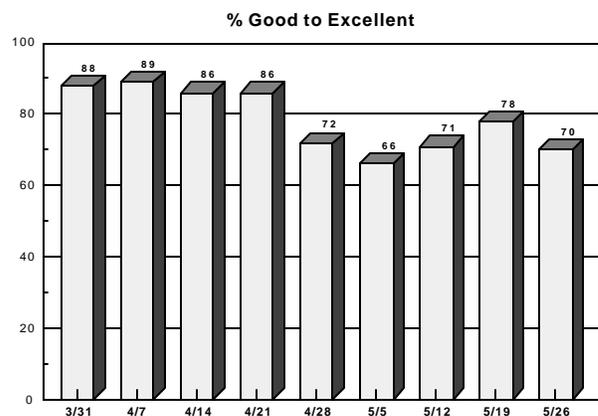
SMALL GRAINS: Rain damaged the **winter wheat** crop, with reports of lodging and blow down. Condition of the wheat crop was rated 1 percent very poor, 3 percent poor, 26 percent fair, 55 percent good, and 15 percent excellent. The **barley** crop was 7 percent harvested, compared to 16 percent a year ago and 7 percent for the average.

OTHER CROPS: Harvesting of **hay** slowed down this week due to the hay being too wet to bale in most portions of the State. Condition of the hay crop was rated 2 percent very poor, 8 percent poor, 30 percent fair, 47 percent good, and 13 percent excellent. **Pastures** continue to provide good grazing and were rated 2 percent very poor, 6 percent poor, 27 percent fair, 52 percent good, and 13 percent excellent. **Grain sorghum** was 47 percent planted.

BURLEY TOBACCO SET PROGRESS



WHEAT CONDITION



KENTUCKY CROP PROGRESS
WEEK ENDING MAY 28, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn Emerged	95	91	78	84	84
Soybeans Planted	49	59	29	40	74
Soybeans Emerged	40	41	11	21	45
Burley Tobacco Set	59	63	37	45	NA
Dark Tobacco Set	58	70	43	46	NA

(NA) Data Not Available.

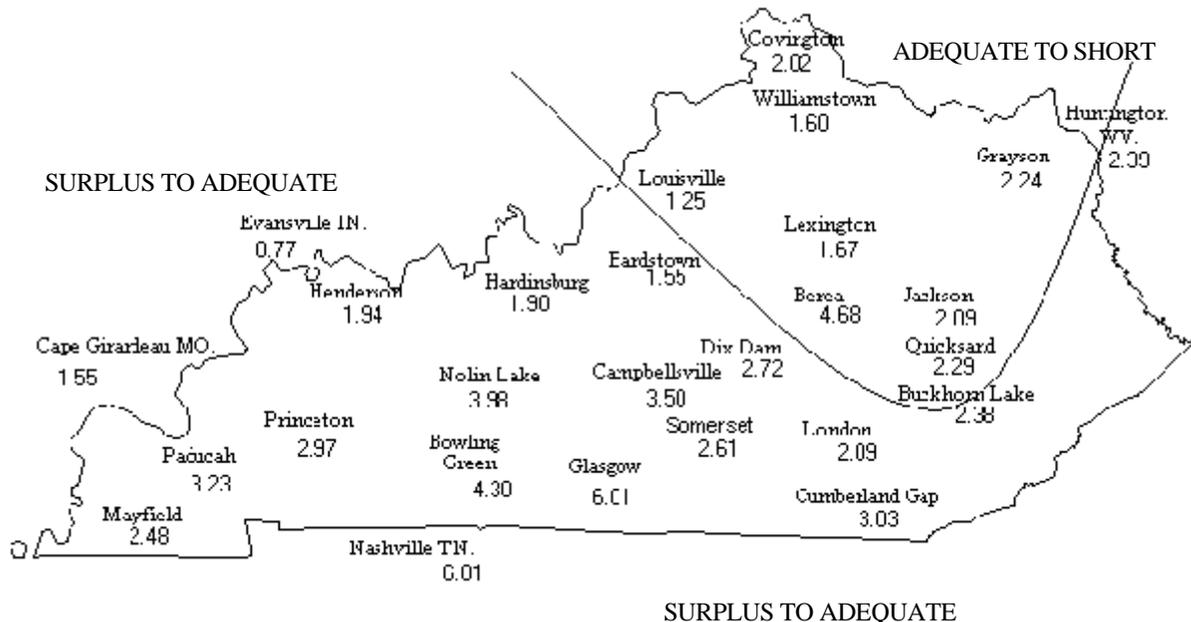
SOIL MOISTURE
WEEK ENDING MAY 26, 2000
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	4	10
Short	18	27
Adequate	54	59
Surplus	24	4
SUBSOIL		
Very Short	7	7
Short	27	27
Adequate	52	64
Surplus	14	2

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 26, 2000					WEEK ENDING MAY 19, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	0	2	17	55	26	0	3	17	61	19
Wheat	1	3	26	55	15	2	5	15	52	26
Soybeans Emerged	0	2	17	67	14	-	-	-	-	-
Pasture	2	6	27	52	13	2	8	29	51	10
Hay Crops	2	8	30	47	13	2	7	28	51	12
Tobacco Set	1	3	23	60	13	1	2	24	61	12

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 28, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 26, 2000



KENTUCKY WEATHER SUMMARY, MAY 22 - 28, 2000:

Cool Daytime Temperatures, Abundant Rainfall and Severe Weather:

Along with abundant rainfall this past week in Kentucky, came severe thunderstorms with high winds, hail and tornadoes. Field activities and farm operations in general were routinely interrupted last week due to frequent showers and thunderstorms. High winds and hail had the potential of causing wheat to lodge and serious damage to emerged crops. The greatest damage occurred in Grayson County on the 23rd where a tornado moved through Leitchfield. Temperatures for the past week averaged 69 degrees across the State which was NEAR NORMAL but 3 degrees warmer than the previous week. Daytime high temperatures were on the cool side of normal but morning low temperatures were warmer than normal. High temperatures averaged from 80 in the West to 77 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 61 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 2 degrees ABOVE NORMAL in the West to 1 degree ABOVE NORMAL in the East. Extreme temperatures ranged from near 90 degrees (Paducah) to lows in the 40's (Covington). Weekly rainfall from frequent showers and thunderstorms totaled 2.42 inches Statewide which was 1.36 inches ABOVE NORMAL. Generally, the Northern third of the State received 1 to 2 inches; Central sections reported 2 to 4 inches; and some South central and Southwestern locations reported 4 to 6 inches of rainfall. Precipitation totals by climate division, West 2.21 inches, Central 3.12 inches, Bluegrass 2.19 inches and East 2.18 inches, which was 1.10, 2.01, 1.16 and 1.17 inches respectively ABOVE NORMAL. By station, rainfall totals in the State ranged from a low of 0.77 inches at Evansville to a high of 6.81 inches at Nashville.

Tom Priddy

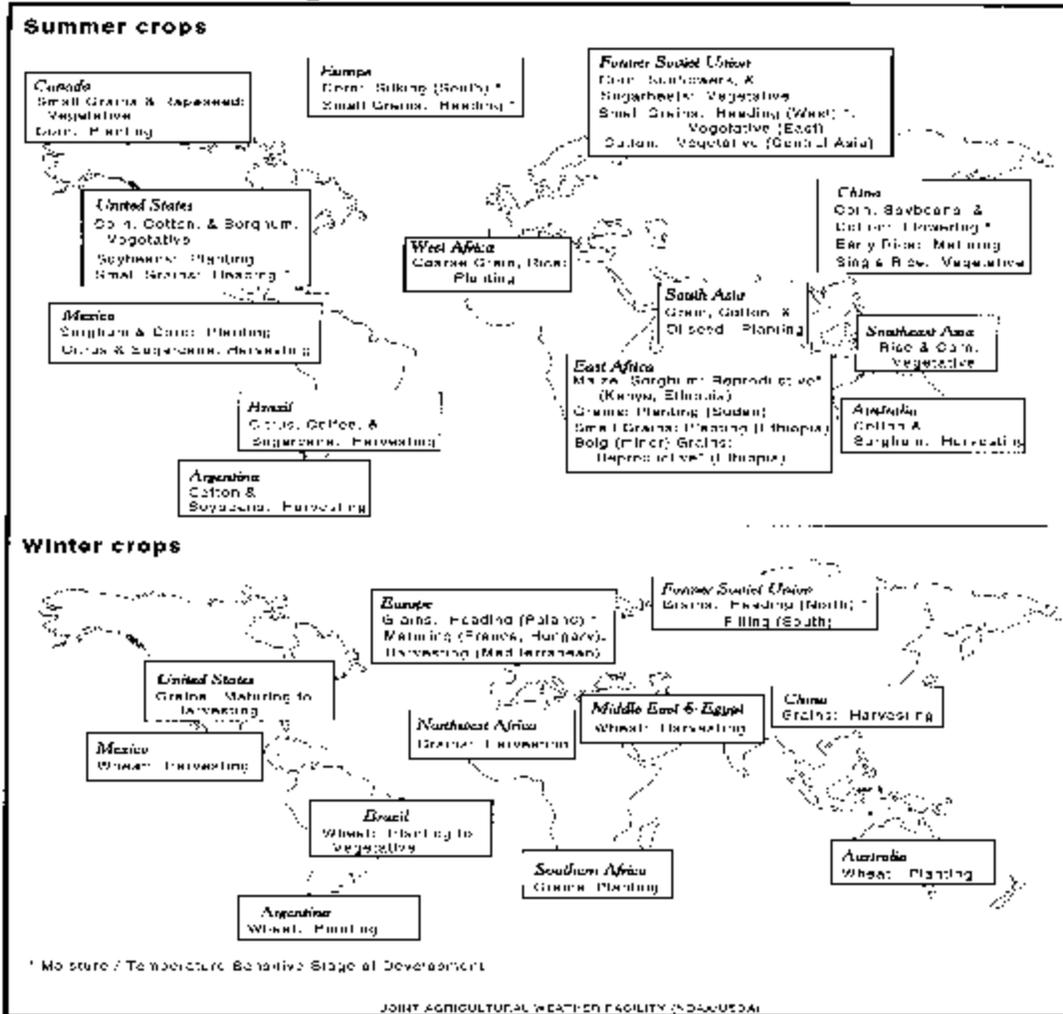
KENTUCKY TEMPERATURES AND RAINFALL

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	1.55	7.16	2.26	-0.90	-1.78	85	51	68.6	-1	130	799	+64
Berea	4.68	10.16	6.26	+1.40	+1.92	85	45	66.9	-2	119	799	+35
Bowling Green	4.30	10.62	5.91	+1.68	+1.45	85	53	70.1	+1	138	792	+28
Bristol	2.61	6.71	3.17	-0.24	-0.35	79	52	66.8	-2	116	710	+34
Buckhorn Lake	2.38	9.41	4.73	+1.82	+1.02	84	54	68.5	+0	128	792	+116
Cape Girardeau	1.55	4.80	3.29	-4.49	-1.40	90	52	71.5	+0	146	807	+14
Campbellsville	3.50	9.78	4.69	+0.18	+0.00	85	51	69.1	-0	132	845	+81
Covington	2.02	9.32	4.86	+1.57	+0.99	85	47	66.9	-2	118	673	+27
Cumberland Gap	3.03	8.96	3.47	+0.38	-0.87	87	50	68.7	+0	129	840	+164
Dix Dam	2.72	8.47	4.06	-0.18	-0.22	85	50	67.9	-1	123	775	+40
Evansville	0.77	5.12	2.76	-3.34	-1.53	90	52	68.4	-3	126	735	+1
Glasgow	6.01	12.25	6.93	+2.97	+2.36	86	51	70.8	+1	144	904	+200
Grayson	2.24	8.17	4.00	+0.55	+0.15	84	48	67.2	-1	120	741	+124
Hardinsburg	1.90	7.08	3.29	-1.79	-1.11	89	52	69.9	+0	136	830	+66
Henderson	1.94	6.79	4.46	-1.73	+0.35	89	58	70.5	-1	141	837	+73
Huntington	2.39	7.64	3.58	+0.05	-0.27	84	47	67.1	-1	120	738	+62
Jackson	2.09	10.22	4.40	+1.93	+0.35	83	52	67.4	-1	122	747	+71
Lexington	1.67	8.26	3.18	+0.20	-0.86	84	49	68.2	-0	126	718	+72
London	2.09	8.32	3.30	+0.41	-0.55	83	49	67.9	-1	124	734	+58
Louisville	1.25	6.52	2.88	-2.03	-1.29	89	51	69.1	-0	130	774	+40
Mayfield	2.48	8.01	3.65	-1.73	-0.88	85	53	69.9	-2	138	810	-13
Nashville	6.81	14.37	8.23	+5.43	+3.82	83	60	71.4	+2	148	843	+20
Nolin Lake	3.98	9.92	5.11	+0.26	+0.16	86	53	69.9	+0	137	824	+89
Paducah	3.23	9.05	4.89	-0.58	+0.43	90	55	71.1	-0	143	818	+25
Princeton	2.97	10.80	5.03	+1.36	+0.55	89	55	71.7	+0	149	923	+129
Quicksand	2.29	9.75	5.20	+1.46	+1.15	85	53	68.6	+0	129	805	+129
Somerset	2.61	10.06	4.51	+0.97	-0.07	83	50	68.5	+0	127	817	+82
Spindletop	1.12	7.06	2.96	-1.00	-1.08	84	51	66.6	-2	114	694	+48
Williamstown	1.60	8.78	4.25	+0.50	+0.27	85	48	68.3	-0	126	784	+138

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.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, 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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