



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
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AGRICULTURAL NEWS: Farmers across Kentucky received much needed rain last week. Rainfall of 1 to 2 inches were common with some areas receiving up to 4 inches. Farmers stopped planting soybeans and setting tobacco due to wet soils but by the end of the week planting and setting had resumed in many areas. Even with all the rain received statewide some areas still have very short and short topsoil conditions. **Topsoil moisture** for the State as of Friday was 3 percent very short, 13 percent short, 62 percent adequate and 22 percent surplus. **Subsoil moisture** was 7 percent very short, 33 percent short, 52 percent adequate and 8 percent surplus. **Days suitable for fieldwork** averaged 2.0 days out of a possible 6. Farmers during the rainy days were fixing machinery and doing jobs neglected when they were planting grains or setting tobacco. Toward the end of the week, farmers with drier soil conditions were again planting soybeans and setting tobacco. Some army worm damage has been reported in corn, legumes, winter wheat and pastures.

TOBACCO: As of Sunday May 27, 47 percent of the **burley** crop had been set. This was behind the 57 percent of last year at this time while ahead of 41 percent for average. Farmers had set 59 percent of their **dark tobacco** ahead of last year and average. Tobacco setting was slowed during the week due to wet soils. A few farmers reported disease problems in their plant beds. Condition of the set tobacco as of Friday was 2 percent very poor, 4 percent poor, 29 percent fair, 56 percent good and 9 percent excellent.

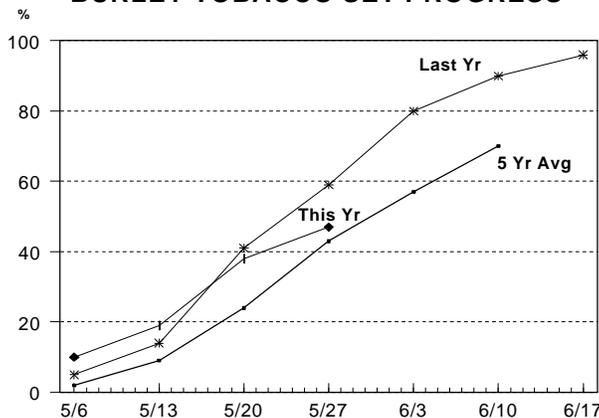
CORN: Corn planting neared completion by weeks end. Farmers indicated 97 percent of the intended planted acreage had emerged. This was ahead of last year with 93 percent and 78 percent for the 5 year average. The most advanced corn fields as of Sunday were 26 inches tall while the average was 18 inches. As of Friday, emerged corn was rated 2 percent very poor, 5 percent poor, 28 percent fair, 54 percent good and 11 percent excellent.

SOYBEANS: Farmers had planted 67 percent of their soybeans as of Sunday, substantially ahead of 48 percent for last year and 35 percent for average. As soils dried farmers were again planting soybeans. Soybeans emerged were 61 percent with 37 percent last year and 18 percent for the average. Condition of emerged soybeans were 1 percent very poor, 5 percent poor, 29 percent fair, 54 percent good and 11 percent excellent.

SMALL GRAINS: Condition of the **winter wheat** crop was 1 percent very poor, 5 percent poor, 38 percent fair, 45 percent good and 11 percent excellent. As of Sunday harvesting of the **barley** crop had just started.

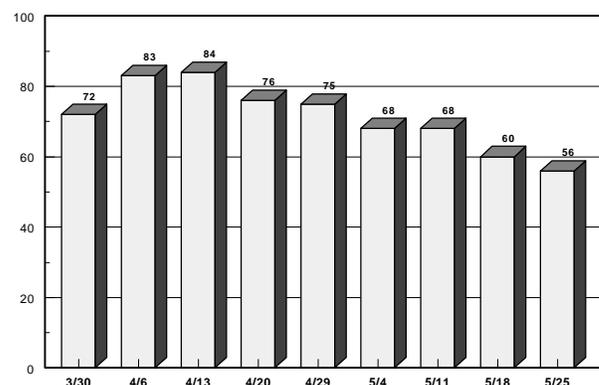
OTHER CROPS: Cutting and baling of **hay** was brought to a stop by the rainy weather last week. Condition of the hay crop was 7 percent very poor, 17 percent poor, 43 percent fair, 30 percent good and 3 percent excellent. **Pastures** were rated 5 percent very poor, 14 percent poor, 42 percent fair, 35 percent good and 4 percent excellent. One farmer commented that spring seeded grasses and legumes may need to be reseeded due to the dry spring. **Grain sorghum** was 69 percent planted.

BURLEY TOBACCO SET PROGRESS



WHEAT CONDITION

% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING MAY 27, 2001
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn Emerged	97	93	78	93	65
Soybeans Planted	67	48	35	58	58
Soybeans Emerged	61	37	18	40	30
Burley Tobacco Set	47	57	41	38	NA
Dark Tobacco Set	59	56	44	52	NA

(NA) Data Not Available.

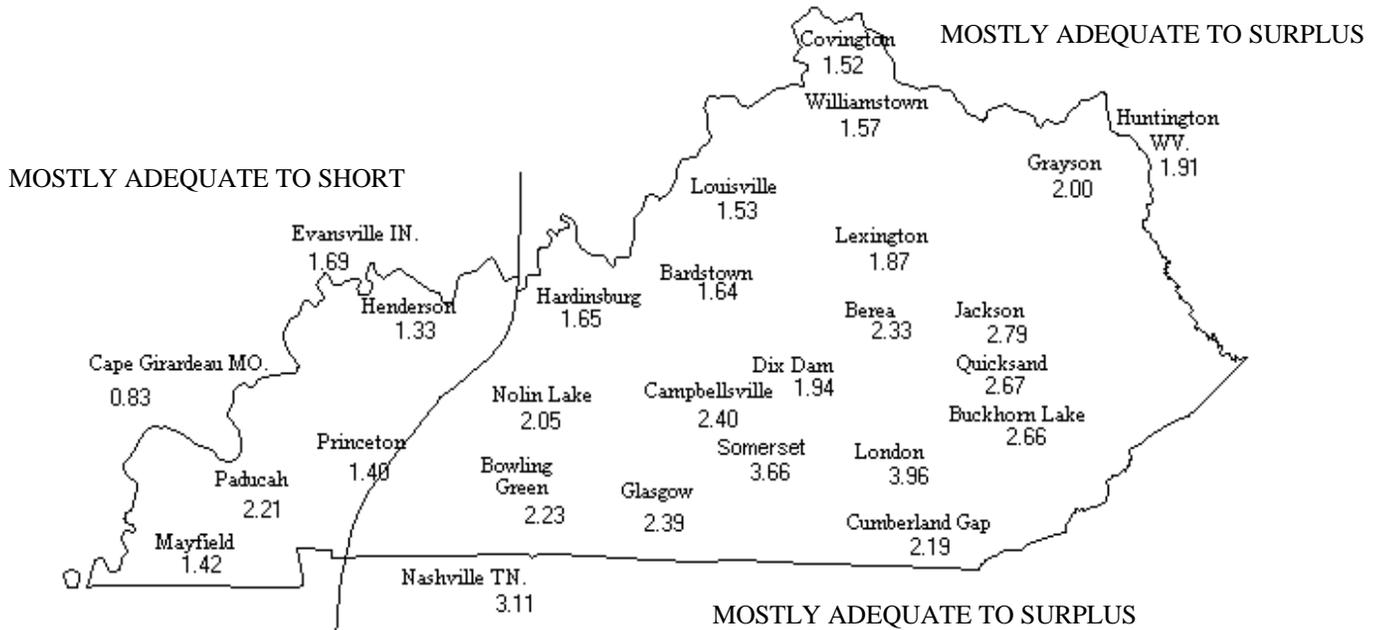
SOIL MOISTURE
WEEK ENDING MAY 25, 2001
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	3	26
Short	13	39
Adequate	62	33
Surplus	22	2
SUBSOIL		
Very Short	7	29
Short	33	47
Adequate	52	22
Surplus	8	2

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING MAY 25, 2001					WEEK ENDING MAY 18, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	2	5	28	54	11	3	8	37	44	8
Wheat	1	5	38	45	11	2	5	33	47	13
Soybeans Emerged	1	5	29	54	11	-	-	-	-	-
Pasture	5	14	42	35	4	11	27	37	23	2
Hay Crops	7	17	43	30	3	12	24	39	23	2
Tobacco Set	2	4	29	56	9	1	7	38	50	4

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, MAY 27, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, MAY 25, 2001



KENTUCKY WEATHER SUMMARY, MAY 21 - 27, 2001:
BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

A major change in last week's weather pattern from the previous week's warm conditions brought much cooler temperatures and beneficial moisture to the Bluegrass state. Rainfall amounts of 1 to 2 inches were common with a large swath of the State receiving 2 to 3 inches running from Southcentral to the Northeast sections of the State. Southeast Kentucky received 3 to 4 inches of rain.

Temperatures for the past week averaged 62 degrees across the State which was 7 degrees BELOW NORMAL and 10 degrees cooler than the previous week. High temperatures averaged from 73 in the West to 70 in the East. Departure from normal high temperatures ranged from 10 degrees BELOW NORMAL in the West to 8 degrees BELOW NORMAL in the East. Low temperatures averaged from 53 degrees in the West to 52 degrees in the East. Departure from normal low temperature ranged from 5 degrees BELOW NORMAL in the West to 5 degrees BELOW NORMAL in the East. Extreme high temperatures were in the low to mid 80's and extreme lows were in the mid 40's.

Rainfall for the past week totaled 1.98 inches statewide which was 0.92 inches ABOVE NORMAL. Rainfall totals by climate division, West 1.48 inches, Central 1.91 inches, Bluegrass 1.80 inches and East 2.73 inches, which was 0.37, 0.81, 0.78 and 1.72 inches respectively ABOVE NORMAL. For Kentucky stations, rainfall totals ranged from a low of 1.33 inches at Henderson to a high of 3.96 inches at London.

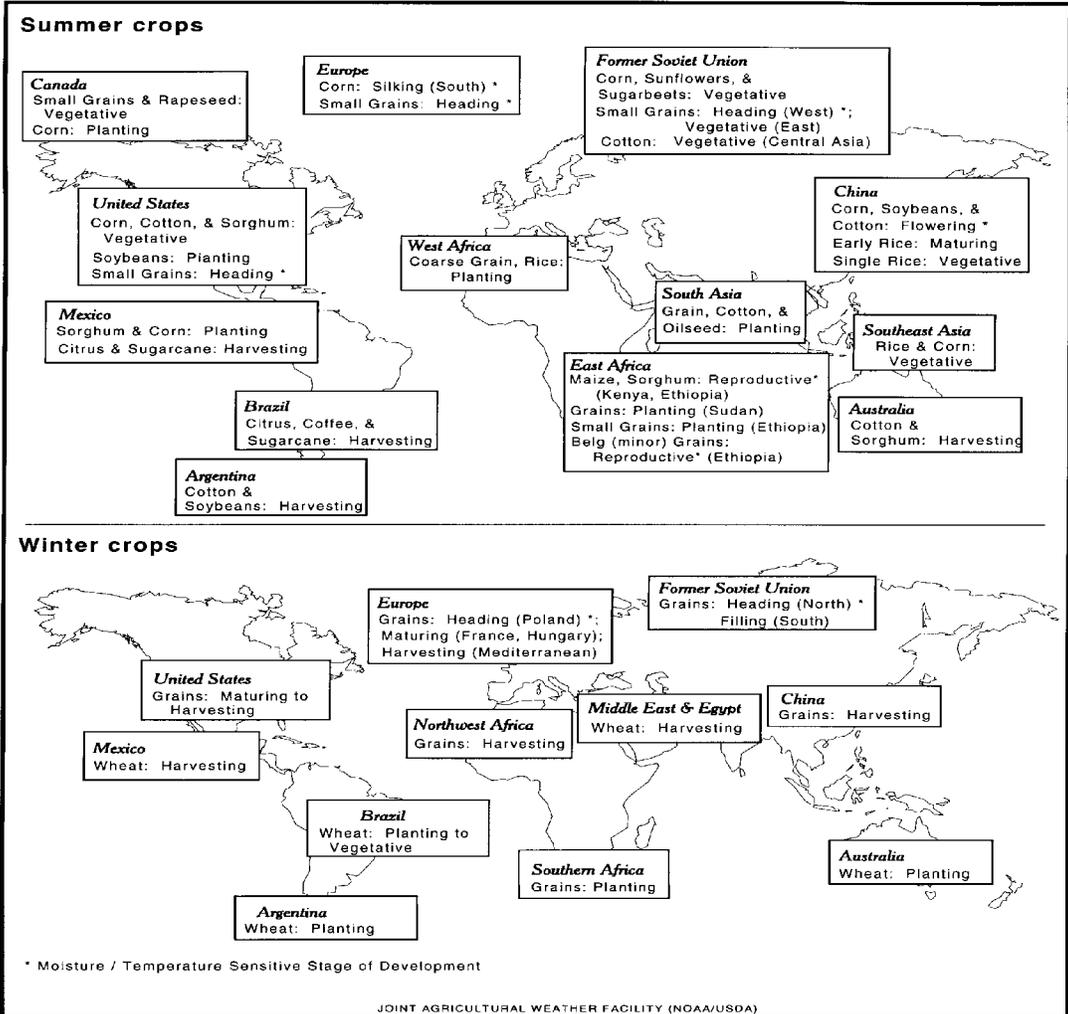
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, MAY 27, 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	1.64	6.63	4.67	-1.14	+0.65	74	43	60.1	-9	75	850	+145
Berea	2.33	4.83	3.33	-3.62	-1.00	78	47	60.5	-7	75	859	+127
Bowling Green	2.23	6.28	4.03	-2.34	-0.42	79	49	64.4	-4	99	933	+201
Bristol	2.40	5.40	3.79	-1.30	+0.28	85	43	63.1	-5	97	767	+119
Buckhorn Lake	2.66	6.25	4.15	-1.08	+0.45	80	46	61.1	-7	80	834	+186
Cape Girardeau	0.83	4.34	2.56	-4.61	-2.11	82	45	62.9	-8	96	936	+177
Campbellsville	2.40	6.49	4.13	-2.77	-0.55	80	45	61.3	-7	82	880	+148
Covington	1.52	6.59	5.01	-0.89	+1.16	77	43	59.1	-9	68	779	+161
Cumberland Gap	2.19	5.44	3.16	-2.83	-1.17	82	44	62.3	-5	93	852	+204
Dix Dam	1.94	5.91	4.32	-2.44	+0.05	77	47	60.7	-7	75	849	+144
Evansville	1.69	4.92	3.20	-3.24	-1.07	76	47	62.6	-8	87	921	+219
Glasgow	2.39	6.57	4.04	-2.39	-0.52	82	45	62.6	-6	91	917	+245
Grayson	2.00	8.86	7.45	+1.52	+3.62	79	46	61.0	-7	79	825	+234
Hardinsburg	1.65	6.39	4.67	-2.16	+0.28	78	47	62.6	-6	88	915	+183
Henderson	1.33	5.07	2.67	-3.15	-1.43	79	45	62.6	-8	88	938	+206
Huntington	1.91	9.86	8.42	+2.55	+4.59	79	45	61.1	-7	80	822	+174
Jackson	2.79	5.72	4.03	-2.28	-0.01	79	47	60.6	-7	75	836	+188
Lexington	1.87	6.88	5.74	-0.89	+1.72	78	47	61.2	-6	79	846	+228
London	3.96	6.29	4.49	-1.34	+0.65	79	43	61.0	-7	82	786	+138
Louisville	1.53	7.31	6.30	-0.94	+2.14	77	46	61.6	-7	82	899	+197
Mayfield	1.42	3.59	2.07	-5.82	-2.46	79	48	61.8	-9	82	868	+79
Nashville	3.11	6.54	4.12	-2.08	-0.28	82	50	64.6	-4	100	950	+161
Nolin Lake	2.05	6.54	4.58	-2.76	-0.34	79	49	63.7	-5	96	925	+220
Paducah	2.21	4.89	3.02	-4.42	-1.45	82	46	63.1	-8	93	951	+192
Princeton	1.40	4.07	1.91	-5.05	-2.57	84	45	65.5	-5	109	1011	+249
Quicksand	2.67	6.33	4.37	-1.67	+0.33	80	47	60.9	-7	77	829	+181
Somerset	3.66	7.19	4.78	-1.58	+0.22	80	43	60.7	-7	81	841	+136
Spindletop	1.60	6.29	4.63	-1.48	+0.61	78	47	60.1	-8	71	799	+181
Williamstown	1.57	6.34	5.19	-1.65	+1.21	77	45	60.0	-8	73	840	+222

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/>

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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