



KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service
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Prepared 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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TNS 5-00

AGRICULTURAL NEWS: Most agriculture activities of the week were delayed by the weather. Cooler temperatures and prolonged cloud cover slowed both fieldwork and plant development. The week began and ended with below normal temperatures, with a spike of warm weather on Thursday the 20th that sparked thunderstorms in the Central and Eastern sections of the State. The temperature averaged 57 degrees for the week, 2 degrees below normal. Precipitation averaged 0.84 inches for the week which was 0.15 inches below normal. Mild long term drought conditions still linger in the State with three to five inches of rainfall needed to return to normal.

Topsoil moisture, as of Friday, April 21 was rated 9 percent short, 79 percent adequate, and 12 percent surplus.

Subsoil moisture, was rated 1 percent very short, 19 percent short, 75 percent adequate, and 5 percent surplus.

Days suitable for fieldwork averaged 3.2 out of a possible 6 days. Primary farming activities included fertilizing and preparing fields between showers. Renovation of hay and pasture acreage continue with both seeding and fertilizing. Scouting wheat fields and fencing projects were other activities reported for the week.

TOBACCO: Seeding of float and conventional tobacco beds was virtually complete by Sunday, April 23. There were 67 percent of tobacco transplants that were less than 2 inches, 26 percent that were from 2 to 4 inches, and 7 percent that were larger than 4 inches. Farmers will get 82 percent of their tobacco transplants from greenhouses and float beds, with only 18 percent being raised in

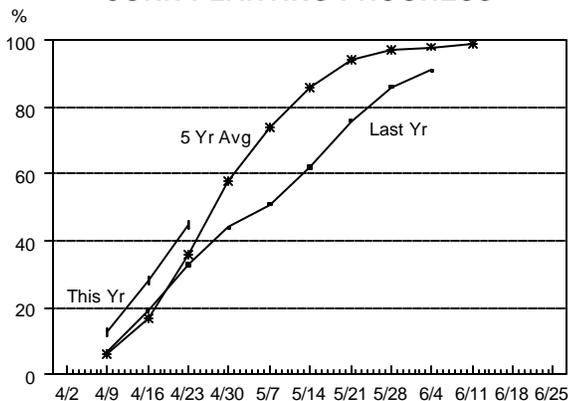
conventional tobacco beds. Last year 26 percent of transplants were raised in conventional beds.

CORN: Planting was slowed across most of the State as the cool temperatures and rain slowed soil warm up. Planted corn was slow to emerge as the same factors were detrimental to germination. Planted corn emerged was 11 percent, this was equal to last year and average. The percent of planting was 45 percent complete as of Sunday, April 23, compared to 37 percent last year and 33 percent for the five year average. There were several reports of emerged corn being yellow from too much moisture and not enough sun.

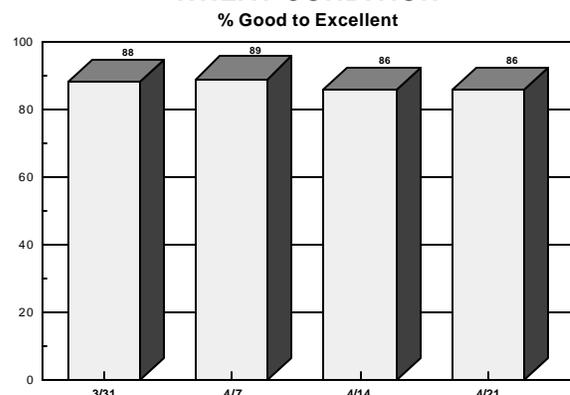
OTHER CROPS: Soybeans 1 percent seeded. There has been minimal damage to the **wheat** crop this spring because of the weather, but cool temperatures have slowed soil warm up and wheat growth. Wheat headed or heading was 14 percent as of Friday, April 21, compared with 14 percent in 1999 and 7 percent for average. As of Friday, April 21 wheat condition was rated as 2 percent poor, 12 percent fair, 60 percent good, and 26 percent excellent.

Pasture condition was rated as 1 percent very poor, 5 percent poor, 28 percent fair, 52 percent good, and 14 percent excellent. The average expected date of the first **alfalfa** cutting was reported to be May 9^h. Only a few reports of alfalfa weevil have been received. Reports indicate that the **apple** bloom is virtually complete. The **strawberry** crop was rated 1 percent very poor, 7 percent poor, 26 percent fair, 59 percent good and 7 percent excellent.

CORN PLANTING PROGRESS



WHEAT CONDITION



KENTUCKY CROP PROGRESS
WEEK ENDING APRIL 23, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	45	37	33	28	9
Emerged	11	11	11	NA	NA
Wheat					
Headed or Heading	14	14	7	NA	13

(NA) Data Not Available.

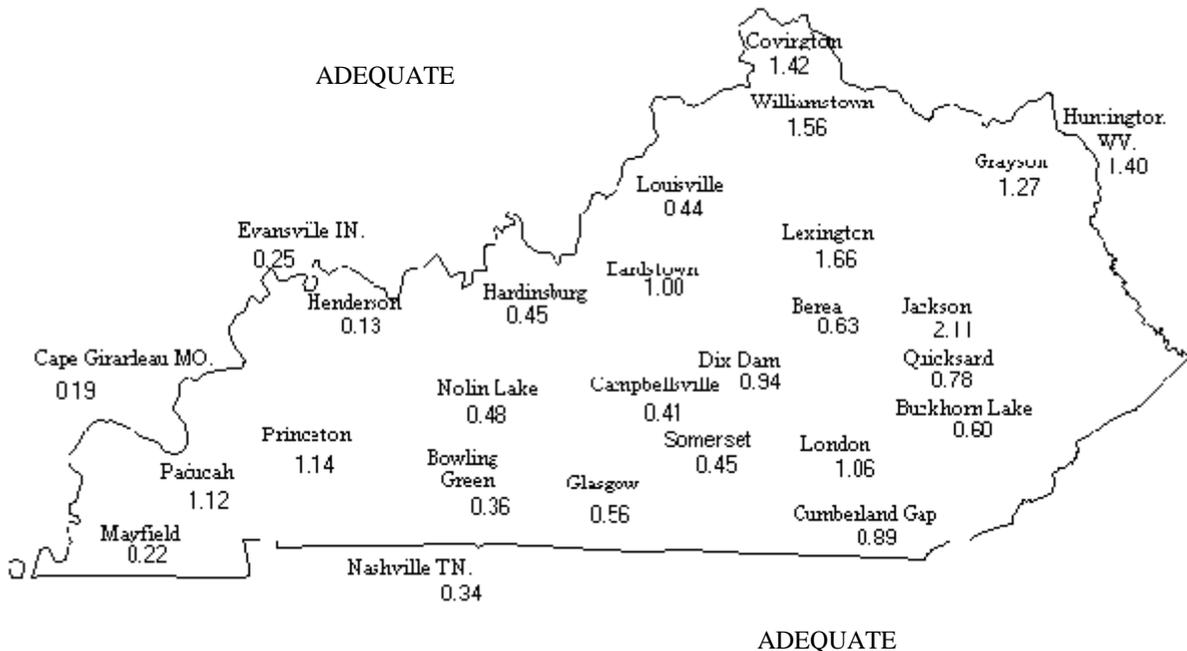
SOIL MOISTURE
WEEK ENDING APRIL 21, 2000
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	0
Short	9	3
Adequate	79	84
Surplus	12	13
SUBSOIL		
Very Short	1	4
Short	19	18
Adequate	75	71
Surplus	5	7

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 21, 2000					WEEK ENDING APRIL 14, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	3	5	36	49	7	-	-	-	-	-
Wheat	0	2	12	60	26	0	1	13	60	26
Pasture	1	5	28	52	14	1	5	26	53	15
Strawberries	1	7	26	59	7	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 23, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 21, 2000



KENTUCKY WEATHER SUMMARY, APRIL 17 - 23, 2000:

BELOW NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Cooler temperatures, an extended cloudy period and two rainfall events controlled the Bluegrass State last week providing interruptions to field activities and slowed growth and development of plants. Very warm temperatures occurred on Thursday (4/20) which also provided severe thunderstorms in Central and Eastern sections of the State.

Temperatures for the period averaged 57 degrees across the State which was 2 degrees BELOW NORMAL and 2 degrees warmer than the previous week. High temperatures averaged from 70 in the West to 67 in the East. Departure from normal high temperatures ranged from 3 degrees BELOW NORMAL in the West to NEAR NORMAL in the East. Low temperatures averaged from 46 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 2 degrees BELOW NORMAL in the West to 1 degrees BELOW NORMAL in the East. Soil temperatures four inches under a sod cover ranged from the low 60's to mid 50's across the State. Extreme high temperatures ranged from the low-to-mid 80's and extreme lows in the mid 30's. Rainfall for the period totaled 0.84 inches Statewide which was 0.15 inches BELOW NORMAL. Rainfall totals by climate division, West 0.51 inches, Central 0.55 inches, Bluegrass 1.22 inches and East 1.07 inches, which was -0.56, -0.46, +0.28 and +0.15 inches respectively from normal. By station, precipitation totals ranged from a low of 0.13 inches at Henderson to a high of 2.11 inches at Jackson.

Tom Priddy

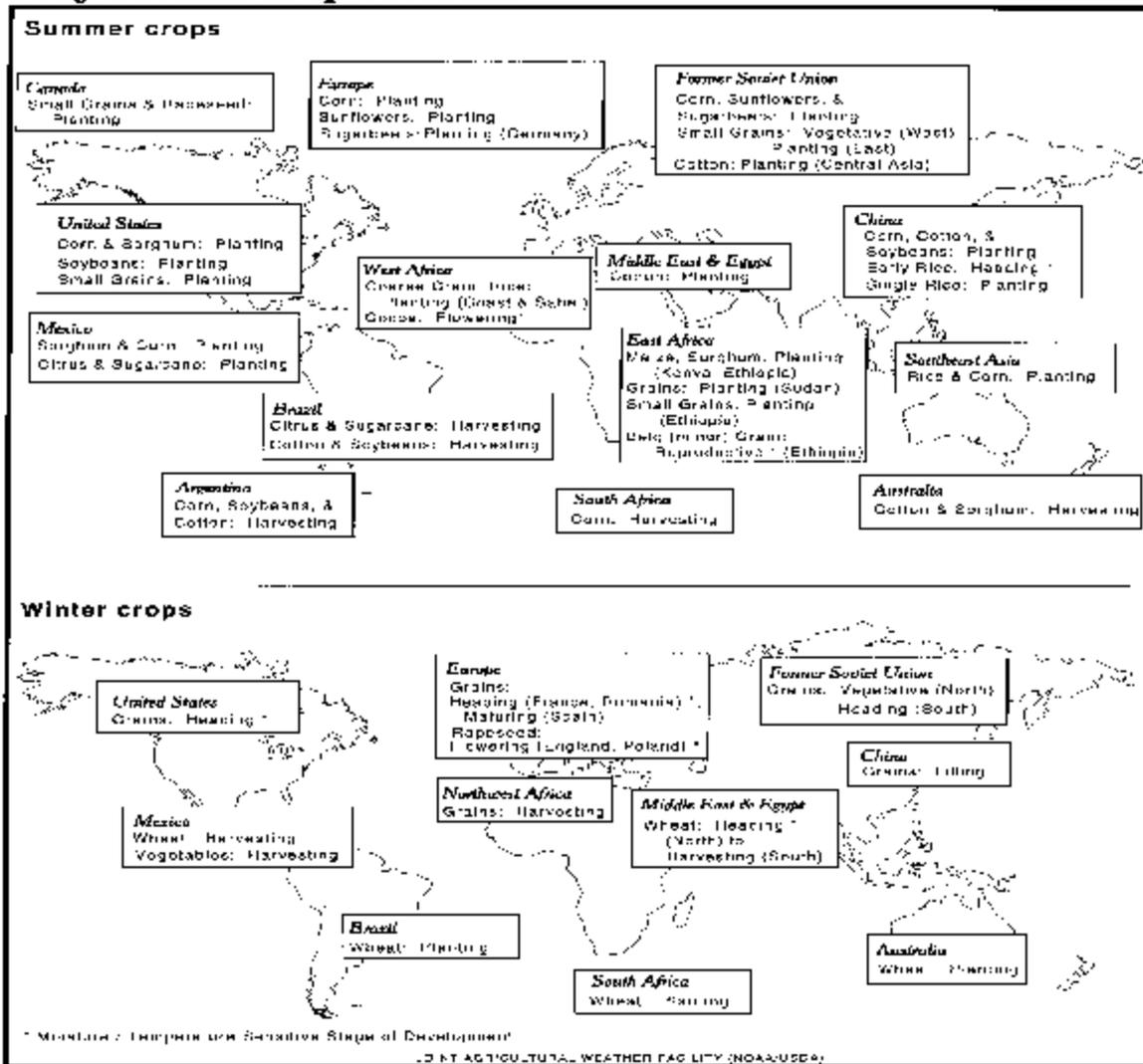
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 23, 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	1.00	4.39	4.51	+1.42	+0.83	77	40	57.8	-1	71	200	-30
Berea	0.63	3.38	3.50	+0.11	-0.45	81	38	56.8	-0	68	217	-13
Bowling Green	0.36	2.93	3.19	-0.38	-0.94	78	40	57.7	-1	67	195	-35
Bristol	0.32	2.50	3.06	-0.03	-0.07	82	32	54.2	-3	51	170	-37
Buckhorn Lake	0.60	3.66	3.89	+0.79	+0.32	82	37	56.3	-1	61	204	-3
Cape Girardeau	0.19	0.80	1.44	-2.60	-2.77	77	31	56.4	-4	70	188	-42
Campbellsville	0.41	3.90	4.18	+0.27	-0.25	79	38	59.4	+1	78	227	-3
Covington	1.42	4.42	5.17	+1.55	+1.61	80	34	54.9	-2	56	148	-36
Cumberland Gap	0.89	4.55	5.31	+1.42	+1.37	82	38	58.3	+1	72	227	+20
Dix Dam	0.94	4.05	4.18	+0.81	+0.24	79	40	58.7	+2	74	202	-28
Evansville	0.25	1.80	1.91	-1.28	-1.93	78	34	55.4	-5	60	171	-36
Glasgow	0.56	3.53	3.96	+0.04	-0.35	80	39	58.8	+0	79	243	+59
Grayson	1.27	3.94	4.19	+1.16	+0.83	82	34	56.6	-1	59	182	-2
Hardinsburg	0.45	2.94	3.12	-0.36	-0.93	79	40	60.5	+2	87	222	-8
Henderson	0.13	1.59	1.90	-1.68	-2.14	79	38	60.6	-0	89	228	-2
Huntington	1.40	3.93	4.23	+1.17	+0.89	83	32	54.4	-3	46	174	-33
Jackson	2.11	4.85	5.01	+1.71	+1.17	84	37	54.9	-2	54	187	-20
Lexington	1.66	4.94	5.07	+1.97	+1.39	78	41	55.0	-2	51	161	-23
London	1.06	3.82	4.09	+0.81	+0.37	81	34	54.4	-3	48	170	-37
Louisville	0.44	3.43	3.68	+0.19	-0.31	77	39	56.3	-2	61	181	-26
Mayfield	0.22	2.47	3.12	-1.40	-1.62	82	40	58.4	-2	72	204	-49
Nashville	0.34	3.05	3.49	-0.30	-0.64	80	41	57.4	-1	62	198	-55
Nolin Lake	0.48	3.21	3.50	-0.26	-0.66	79	40	60.6	+2	86	222	-8
Paducah	1.12	2.73	3.36	-1.11	-1.27	82	34	56.6	-4	63	193	-37
Princeton	1.14	3.43	3.79	-0.25	-0.69	84	35	61.6	+1	98	266	+13
Quicksand	0.78	3.72	3.76	+0.58	-0.08	84	37	56.0	-1	59	204	-3
Somerset	0.45	4.61	4.82	+1.28	+0.75	80	36	58.6	+1	72	210	-20
Spindletop	1.10	4.00	4.09	+1.03	+0.41	77	41	55.0	-2	49	155	-29
Williamstown	1.56	4.47	4.58	+1.29	+0.64	79	37	59.6	+2	79	205	+21

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/>

May normal crop calendar



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