



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

LELAND E. BROWN, State Statistician

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TNS 6-00

AGRICULTURAL NEWS: Cooler temperatures and intermittent rains slowed both fieldwork and plant development. Planted corn is in need of sustained sunshine. The temperature averaged 55 degrees for the week, 5 degrees below normal. Precipitation averaged 0.85 inches for the week which was 0.14 inches below normal. **Topsoil moisture**, as of Friday, April 28 was rated 7 percent short, 74 percent adequate, and 19 percent surplus. **Subsoil moisture**, was rated 2 percent very short, 18 percent short, 73 percent adequate, and 7 percent surplus. **Days suitable for fieldwork** averaged 3.3 out of a possible 6 days. Farmers kept busy working cattle, repairing fencing and farm machinery, setting tobacco, field preparation and fertilizing when possible.

TOBACCO: Half of the tobacco transplants were less than 2 inches tall, 35 percent were from 2 to 4 inches, and 15 percent were larger than 4 inches. Only about 2 percent of burley tobacco had been set in the field, compared with 1 percent last year. Only about 1 percent of dark tobacco had been set.

CORN: Planted corn had been slow to emerge as temperatures for April had been cool with light rainfall and cloud cover being persistent. Planted corn emerged was 24 percent, behind last year's 27 percent

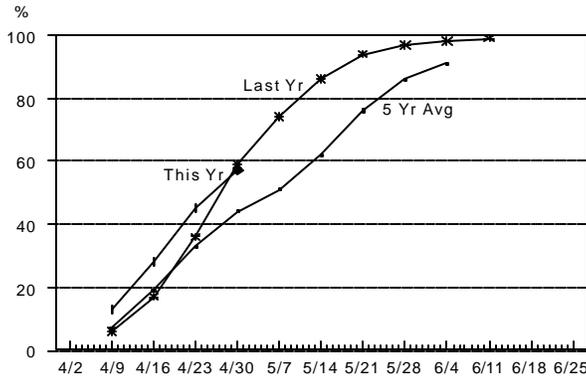
and the 26 percent average. Planting was 57 percent complete as of Sunday, April 30, compared to 59 percent last year and 44 percent for the five year average. The lack of sustained sunlight across the State was a concern to some corn growers.

SOYBEANS: Seeding of soybeans got underway with 6 percent of the crop planted. This compared with only 2 percent for last year and the average. Warmer conditions are needed to aid germination.

SMALL GRAINS: Optimism about the **wheat** crop had dropped because of the cool, damp weather this month and its potential for advancing disease. Wheat headed or heading was 48 percent, well ahead of the 41 percent in 1999 and 33 percent on average. As of Friday, April 28 wheat condition was rated 4 percent poor, 24 percent fair, 52 percent good, and 20 percent excellent.

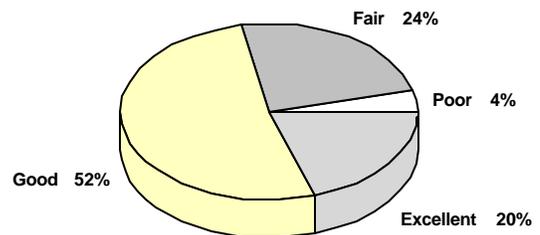
OTHER CROPS: **Pasture** condition was rated 1 percent very poor, 5 percent poor, 29 percent fair, 49 percent good, and 16 percent excellent. There had been several reports of alfalfa weevil infestation in some areas of the State. The **hay** condition was rated 1 percent very poor, 6 percent poor, 33 percent fair, 48 percent good and 12 percent excellent.

CORN PLANTING PROGRESS



WHEAT CONDITION

(May 1)



KENTUCKY CROP PROGRESS
WEEK ENDING APRIL 30, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	57	59	44	45	19
Emerged	24	27	26	11	NA
Soybeans					
Planted	6	2	2	1	NA
Wheat					
Headed or Heading	48	41	33	14	20

(NA) Data Not Available.

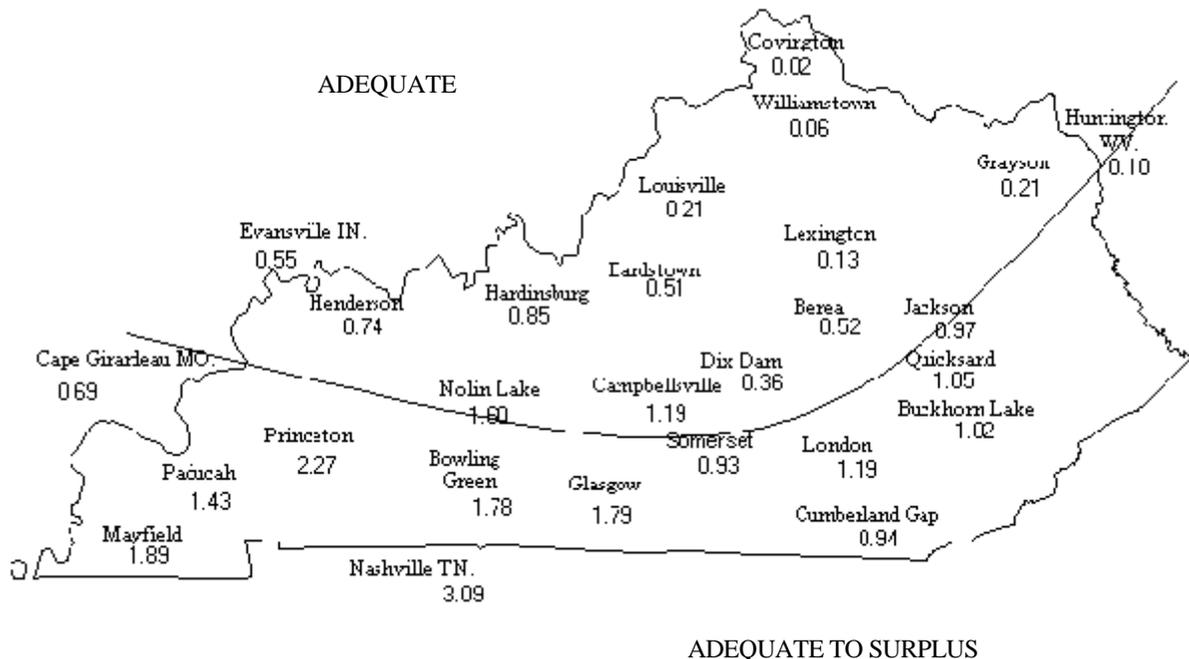
SOIL MOISTURE
WEEK ENDING APRIL 28, 2000
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	0
Short	7	9
Adequate	74	79
Surplus	19	12
SUBSOIL		
Very Short	2	1
Short	18	19
Adequate	73	75
Surplus	7	5

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 28, 2000					WEEK ENDING APRIL 21, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn Emerged	1	6	30	56	7	3	5	36	49	7
Wheat	0	4	24	52	20	0	2	12	60	26
Pasture	1	5	29	49	16	1	5	28	52	14
Hay Crops	1	6	33	48	12	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 30, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 28, 2000



KENTUCKY WEATHER SUMMARY, APRIL 24 - 30, 2000:

BELOW NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Several days at the end of the week of dry, sunny weather occurred across the Bluegrass State with warmer temperatures. This clear weather provided much needed sunlight for field activities and development and growth of plants.

Temperatures for the period averaged 55 degrees across the State which was 5 degrees BELOW NORMAL and 2 degrees cooler than the previous week. High temperatures averaged from 70 in the West to 66 in the East. Departure from normal high temperatures ranged from 5 degrees BELOW NORMAL in the West to 4 degrees BELOW NORMAL in the East. Low temperatures averaged from 43 degrees in the West to 43 degrees in the East. Departure from normal low temperature ranged from 7 degrees BELOW NORMAL in the West to 6 degrees BELOW NORMAL in the East. Soil temperatures four inches under the sod cover ranged from low to upper 60's across the State. Extreme high temperatures in the mid 70's and extreme lows in the low-to-mid 30's. Rainfall for the period totaled 0.85 inches Statewide which was 0.14 inches BELOW NORMAL. Rainfall totals by climate division, West 1.26 inches, Central 1.12 inches, Bluegrass 0.20 inches and East 0.80 inches, which was +0.19, +0.12, -0.74 and -0.12 inches respectively from normal. By station, precipitation totals ranged from a low of 0.02 inches at Covington to a high of 2.27 inches at Princeton.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

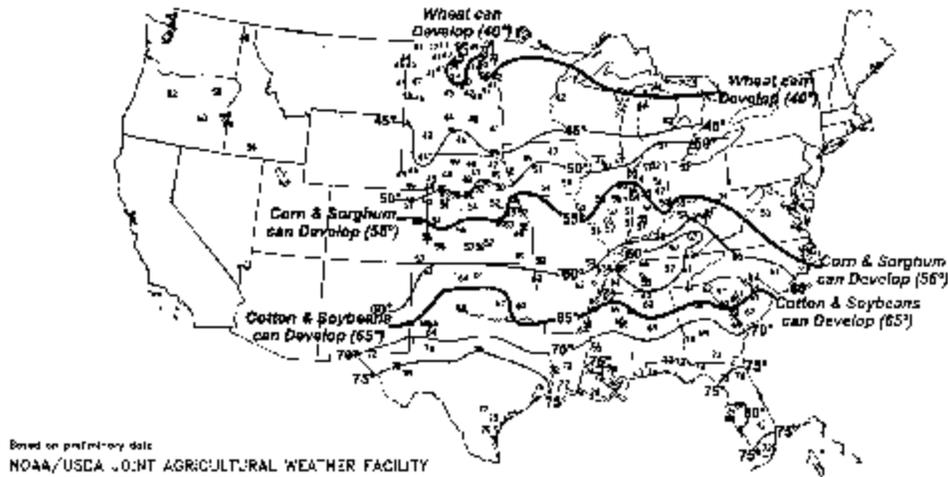
FOR WEEK ENDING SUNDAY, APRIL 30, 7:00 P.M.

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	0.51	4.90	4.37	+1.02	+0.75	75	38	56.4	-5	66	266	-34
Berea	0.52	3.90	3.89	-0.36	-0.09	74	34	54.8	-5	63	280	-20
Bowling Green	1.78	4.71	4.28	+0.39	+0.25	75	38	55.6	-5	60	255	-45
Bristol	1.04	3.54	3.47	+0.24	+0.39	74	32	51.9	-8	43	213	-57
Buckhorn Lake	1.02	4.68	4.63	+0.93	+1.13	73	32	54.6	-5	61	265	-5
Cape Girardeau	0.69	1.49	1.49	-2.94	-2.64	76	34	55.6	-7	70	258	-42
Campbellsville	1.19	5.09	4.81	+0.35	+0.39	76	36	56.1	-5	67	294	-6
Covington	0.02	4.44	3.63	+0.69	+0.13	74	35	53.5	-6	56	204	-36
Cumberland Gap	0.94	5.49	5.41	+1.41	+1.60	78	34	55.3	-4	62	289	+19
Dix Dam	0.36	4.41	4.17	+0.19	+0.23	73	36	55.1	-4	59	261	-39
Evansville	0.55	2.35	2.07	-1.67	-1.68	72	38	56.3	-7	63	234	-36
Glasgow	1.79	5.32	4.94	+0.77	+0.69	79	37	57.1	-4	74	317	+77
Grayson	0.21	4.15	4.03	+0.52	+0.64	73	34	54.1	-6	52	234	-6
Hardinsburg	0.85	3.79	3.22	-0.52	-0.80	76	39	56.6	-4	69	291	-9
Henderson	0.74	2.33	1.91	-1.93	-2.07	76	39	56.9	-6	71	299	-1
Huntington	0.10	4.03	3.93	+0.43	+0.57	74	33	53.9	-6	53	227	-43
Jackson	0.97	5.82	5.77	+1.72	+1.94	71	41	54.5	-5	44	231	-39
Lexington	0.13	5.07	4.82	+1.19	+1.20	71	37	53.9	-6	51	212	-28
London	1.19	5.01	4.97	+1.09	+1.31	71	36	53.3	-6	47	217	-53
Louisville	0.21	3.64	2.90	-0.59	-1.05	77	40	55.9	-5	61	242	-28
Mayfield	1.89	4.36	4.11	-0.69	-0.60	75	40	57.3	-6	70	274	-56
Nashville	3.09	6.14	5.98	+1.77	+1.90	76	40	57.9	-3	69	267	-63
Nolin Lake	1.60	4.81	4.30	+0.28	+0.07	75	38	55.9	-5	65	287	-13
Paducah	1.43	4.16	4.01	-0.85	-0.67	75	39	56.9	-6	67	260	-40
Princeton	2.27	5.70	5.23	+0.90	+0.75	78	38	57.1	-6	72	338	+8
Quicksand	1.05	4.77	4.72	+0.67	+0.89	72	31	54.5	-5	62	266	-4
Somerset	0.93	5.54	5.52	+1.19	+1.46	74	34	54.6	-5	59	269	-31
Spindletop	0.10	4.10	3.91	+0.22	+0.29	74	35	53.8	-6	54	209	-31
Williamstown	0.06	4.53	3.87	+0.38	-0.00	76	37	56.2	-3	64	269	+29

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/>

Average Soil Temperature (°F, 4" Bare)

APR 16 - 77, 2000



Based on preliminary data
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Corn Percent Planted

State	Apr 23 2000	Prev Week	Prev Year	5-Yr Avg
CO	9	1	7	10
IL	31	13	7	11
IN	11	5	5	6
IA	10	2	2	3
KS	40	20	16	22
KY	45	28	37	33
MI	4	0	0	1
MN	7	2	4	5
MO	77	53	25	29
NE	12	4	6	6
NC	65	40	64	63
ND	0	0	0	0
OH	4	2	8	7
PA	3	2	2	3
SD	3	0	1	1
TN	57	35	56	59
TX	68	61	60	62
WI	0	0	1	1
ALL	19	9	9	10

These 18 States planted 92% of last year's corn acreage.

Winter Wheat Condition (Percent)

State	VP	P	F	G	EX
AR	1	5	23	51	20
CA	0	0	15	60	25
CO	1	3	20	59	17
ID	0	2	14	70	14
IL	0	4	17	63	16
IN	1	4	20	54	21
KS	2	8	33	46	11
MI	1	4	8	59	28
MO	1	3	31	52	13
MT	1	7	41	46	5
NE	6	12	30	49	3
NC	0	1	12	75	12
OH	0	1	11	52	36
OK	1	3	17	64	15
OR	0	1	30	55	14
SD	0	3	27	56	14
TX	31	25	30	13	1
WA	0	0	10	70	20
ALL	6	8	25	49	12
Prev Wk	6	8	24	50	12
Prev Yr.	2	5	24	55	14

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