



KENTUCKY WEEKLY CROP & WEATHER REPORT



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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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Released weekly April through November

Issued 4:00 P.M., August 20, 2001

KMC 22-01

AGRICULTURAL NEWS: Fieldwork progressed well this week with cooler temperatures and lower humidity. Scattered rainfall was received. Tobacco continued to be topped, sprayed, cut, and housed. Some parts of the State were beginning to chop corn silage. Out of 6 days, 5.3 days were suitable for fieldwork. **Topsoil moisture** was rated 3 percent very short, 20 percent short, 72 percent adequate, and 5 percent surplus on Friday, August 17. **Subsoil moisture** was rated 6 percent very short, 29 percent short, 59 percent adequate, and 6 percent surplus.

CORN: The recent rains have helped the **corn** crop. The condition of the crop was rated as 1 percent very poor, 2 percent poor, 18 percent fair, 47 percent good, and 32 percent excellent. As of Sunday, August 19, corn in the dough stage had reached 89 percent compared with 85 percent a year ago, and 77 percent for the five-year average. Sixty-five percent of the corn crop was dented, compared with 62 percent last year and 49 percent for the five-year average. Some farmers are getting ready to start harvesting their early maturing corn. Some are currently chopping corn silage.

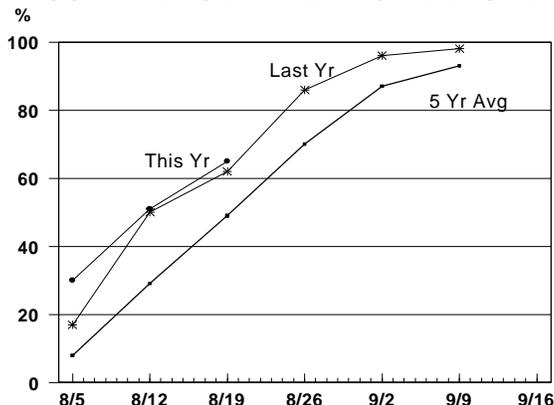
SOYBEANS: Ninety percent of the **soybean** crop was blooming as of Sunday, August 19, compared with 86 percent a year ago and 78 percent for the five-year average. Crop condition was rated as 4 percent poor, 22 percent fair,

41 percent good, and 33 percent excellent. Seventy-four percent of the crop was setting pods, compared with 66 percent last year, and the five-year average of 56 percent. Soybean fields could generally use some more rain, especially second crop beans following the harvest of wheat and barley. Some cases of Sudden Death Syndrome had been reported.

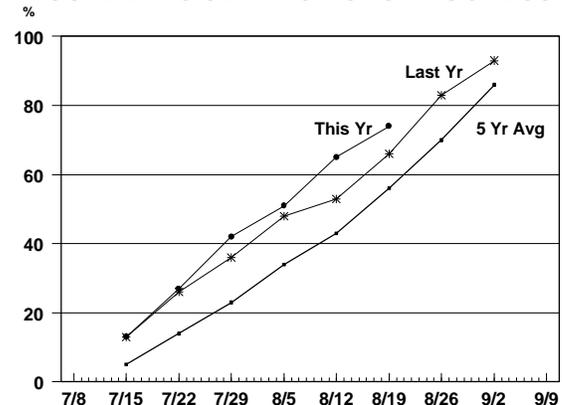
TOBACCO: Some tobacco fields still suffer from blue mold and black shank. Main activities for the week continued to be spraying, topping, cutting, and housing of the crop. Condition of the tobacco in the field was reported as 2 percent very poor, 3 percent poor, 17 percent fair, 58 percent good, and 20 percent excellent. As of Sunday, August 19, twenty-eight percent of the **burley** crop was cut compared with 30 percent last year and the five-year average of 22 percent. Twenty-eight percent of the **dark tobacco** crop was also cut compared with 20 percent last year and the five-year average of 23 percent.

OTHER CROPS: Farmers have been cutting **hay** this past week. Condition of the hay crop was reported as 3 percent very poor, 8 percent poor, 23 percent fair, 55 percent good, and 11 percent excellent. **Pastures** were doing better due to cooler temperatures and recent showers. Conditions were rated as 3 percent very poor, 9 percent poor, 28 percent fair, 50 percent good, and 10 percent excellent.

CORN PERCENT DENT OR BEYOND



SOYBEANS SETTING PODS PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 19, 2001
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Blooming	90	86	78	88	95
Setting Pods	74	66	56	65	74
Corn					
Dough Stage	89	85	77	81	54
Dent Stage	65	62	49	51	20
Burley Tobacco					
Cut	28	30	22	14	NA
Dark Tobacco					
Cut	28	20	23	12	NA

SOIL MOISTURE
WEEK ENDING AUGUST 17, 2001
WITH COMPARISONS

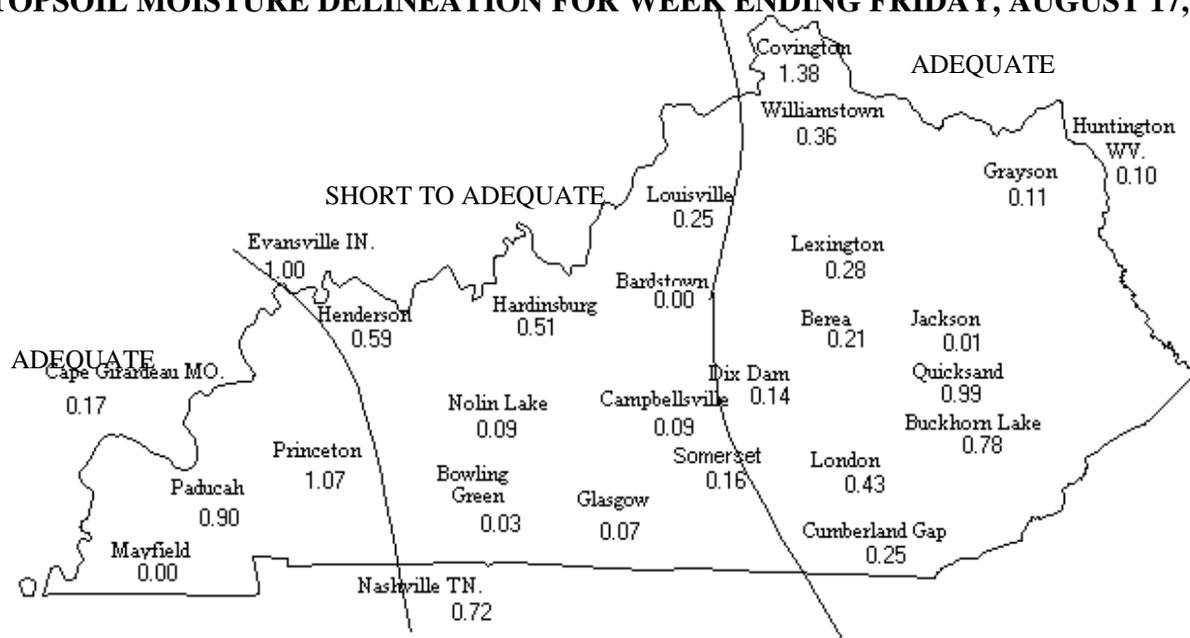
	This Week	Previous Week
TOPSOIL		
Very Short	3	2
Short	20	16
Adequate	72	69
Surplus	5	13
SUBSOIL		
Very Short	6	7
Short	29	26
Adequate	59	57
Surplus	6	10

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 17, 2001					WEEK ENDING AUGUST 10, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	2	18	47	32	1	4	20	45	30
Soybeans	0	4	22	41	33	1	6	19	39	35
Pasture	3	9	28	50	10	3	9	29	46	13
Hay Crops	3	8	23	55	11	4	10	27	48	11
Tobacco in Field	2	3	17	58	20	2	5	18	54	21

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 19, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 17, 2001



KENTUCKY WEATHER SUMMARY, AUGUST 13 - 19, 2001:

NEAR NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Cooler highs and less humid conditions occurred throughout the week providing relief to the outdoor working conditions and alleviating livestock heat stress. Highs remained in the low to mid 80s during the week except for extreme Western parts of Kentucky which reached the upper 80s for a couple of days. Agricultural activities also advanced under these conditions with only a few interruptions at the end of the work week and part of the weekend due to scattered rain showers throughout the State.

Temperatures for the period averaged 74 degrees across the State which was NEAR NORMAL. High temperatures averaged from 85 in the West to 83 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 64 degrees in the West to 64 degrees in the East. Departure from normal low temperature ranged from 1 degree BELOW NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Since April 1st Corn Growing Degree Days accumulation range from 2700 days in Northeastern Kentucky to 3000 days in extreme Southwest Kentucky.

Rainfall for the period totaled 0.40 inches statewide which was 0.44 inches BELOW NORMAL. Precipitation totals by climate division, West 0.62 inches, Central 0.16 inches, Bluegrass 0.48 inches and East 0.35 inches, which was 0.17, 0.69, 0.38 and 0.52 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Bardstown to a high of 1.38 inches at Covington.

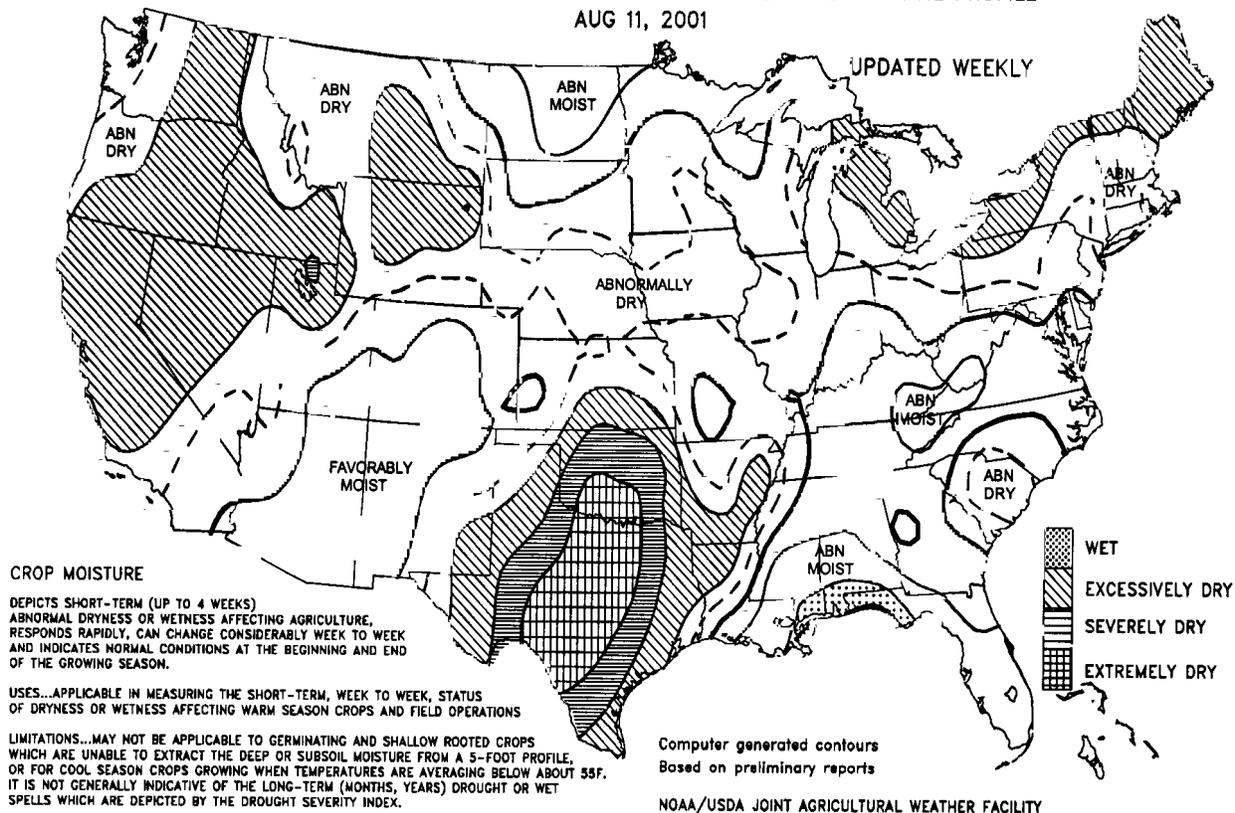
Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, AUGUST 19, 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	0.00	19.28	5.93	-0.14	+2.07	89	62	74.4	+0	167	2819	+213
Berea	0.21	19.41	6.36	-0.48	+2.63	86	61	73.1	-0	160	2718	+31
Bowling Green	0.03	17.16	3.49	-3.16	-0.04	88	62	76.1	+2	178	2999	+282
Bristol	0.39	21.50	8.09	+4.50	+4.89	87	61	74.6	+1	169	2636	+152
Buckhorn Lake	0.78	23.32	5.45	+4.23	+1.81	86	59	73.6	+0	162	2725	+370
Cape Girardeau	0.17	20.47	2.83	+1.70	-0.34	91	52	73.9	-2	162	3027	+168
Campbellsville	0.09	18.46	5.28	-3.80	+0.92	88	62	75.5	+1	175	2863	+206
Covington	1.38	22.52	3.84	+4.36	+0.56	83	59	71.2	-2	146	2629	+174
Cumberland Gap	0.25	16.51	4.82	-4.56	+0.64	89	58	75.1	+2	171	2790	+336
Dix Dam	0.14	18.74	5.67	-1.24	+1.84	86	62	73.9	+0	165	2771	+146
Evansville	1.00	18.68	3.77	+0.47	+0.69	88	58	73.4	-3	161	2983	+265
Glasgow	0.07	17.26	4.32	-4.73	+0.31	90	60	76.6	+2	179	2967	+340
Grayson	0.11	20.85	4.93	+1.96	+1.22	87	59	73.2	-0	160	2701	+388
Hardinsburg	0.51	16.09	3.60	-3.97	-0.10	87	60	74.7	+1	169	2945	+228
Henderson	0.59	17.74	4.39	-0.89	+1.26	87	57	73.6	-2	163	2953	+205
Huntington	0.10	20.13	5.01	+1.23	+1.16	88	58	73.1	-0	159	2683	+198
Jackson	0.01	18.32	4.69	-1.79	+0.71	85	62	73.4	-0	162	2687	+332
Lexington	0.28	17.48	4.71	-1.94	+0.85	87	60	73.4	+0	162	2790	+305
London	0.43	21.48	4.20	+2.89	+0.79	86	61	73.7	+0	164	2667	+213
Louisville	0.25	14.46	2.16	-4.53	-1.32	87	60	74.1	-0	167	2910	+173
Mayfield	0.00	13.94	4.54	-6.33	+0.89	86	61	74.3	-2	168	2847	+69
Nashville	0.72	19.09	5.55	+0.18	+2.28	88	65	77.6	+3	188	3119	+211
Nolin Lake	0.09	19.19	3.63	-2.09	-0.13	88	61	75.7	+2	177	2972	+457
Paducah	0.90	18.57	7.45	-1.67	+4.19	88	57	75.1	-1	172	3065	+237
Princeton	1.07	17.24	6.04	-3.12	+2.34	88	60	75.6	-0	175	3132	+335
Quicksand	0.99	25.17	5.74	+5.06	+1.76	86	58	73.3	-0	161	2718	+363
Somerset	0.16	19.77	4.99	-1.18	+1.17	87	62	75.4	+2	173	2758	+213
Spindletop	0.50	16.51	4.69	-2.91	+0.83	84	60	72.4	-1	155	2677	+192
Williamstown	0.36	21.63	2.85	+2.48	-0.75	86	60	72.9	-0	159	2754	+269

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/>

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-Ft. SOIL PROFILE
AUG 11, 2001



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