



KENTUCKY WEEKLY CROP & WEATHER REPORT



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

LELAND E. BROWN, State Statistician

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KBM 22-00

AGRICULTURAL NEWS: Scattered showers were received late in the week across Kentucky. Light hail and wind damage to some tobacco fields were reported, mostly in bluegrass and eastern areas. Some central and western counties are still in need of a soaking rain to relieve crop stress. Days suitable for fieldwork averaged 5.5 out of a possible six. **Topsoil moisture** as of Friday, August 18 was rated 4 percent very short, 19 percent short, 71 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 8 percent very short, 21 percent short, 66 percent adequate and 5 percent surplus. Farm work for the week consisted of topping, spraying, cutting and housing tobacco, harvesting hay and preparing equipment and bins for grain harvest.

CORN: Condition as of Friday, August 18 was reported as 1 percent very poor, 4 percent poor, 19 percent fair, 45 percent good, and 31 percent excellent. As of Sunday, August 20, corn reaching the dough stage or beyond was 86 percent compared with 92 percent last year and the 5 year average of 79 percent. Approximately 63 percent of the corn was dented, compared with 68 percent a year ago and 50 percent on average. Most are anticipating harvest to begin in earnest by mid-September with above average yields expected. Silage harvest has already begun in some areas.

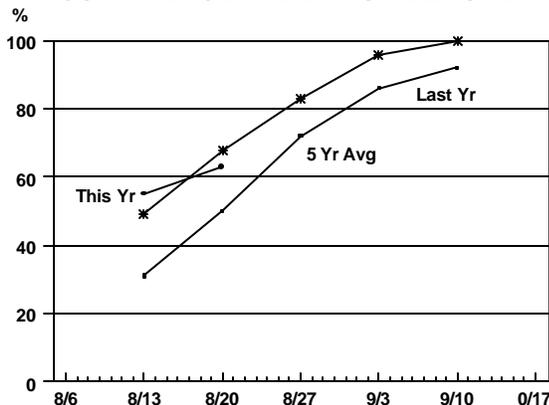
SOYBEANS: Crop condition as of August 18 was reported as 5 percent poor, 20 percent fair, 48 percent good,

and 27 percent excellent. The crop was 87 percent blooming, as of August 20, compared with 90 percent last year and 80 percent on average. Soybeans setting pods were reported at 68 percent, compared to last year's 71 percent and the 5-year average of 55 percent. Soybeans in some areas could benefit from a good soaking rain to further pod fill. Some cases of sudden death syndrome have been reported in a few areas of the State.

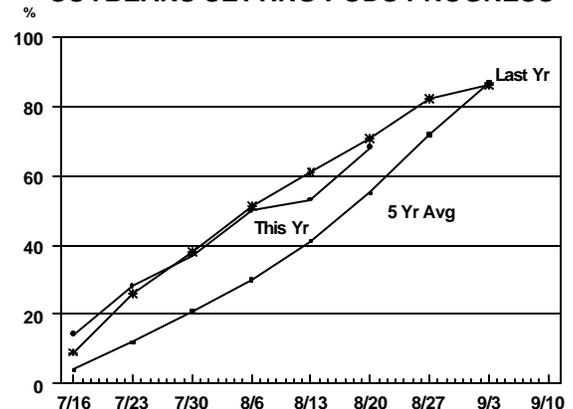
TOBACCO: By Sunday, August 20, 33 percent of **burley** tobacco had been cut compared to 37 percent a year ago and the average of 21 percent. **Dark tobacco** cut was 21 percent compared with 42 percent last year and the 5-year average of 29 percent. Condition of all tobacco was reported as 1 percent very poor, 3 percent poor, 15 percent fair, 56 percent good, and 25 percent excellent. Blue mold pressure has lessened with drier weather. However, black shank is still a problem in some fields. No significant insect problems were reported.

OTHER CROPS: Many farmers were busy clipping pastures and making hay this week. **Hay** crops were reported as 2 percent very poor, 5 percent poor, 20 percent fair, 54 percent good, and 19 percent excellent. Rains again hampered hay harvesting in some eastern counties. **Pasture** condition as of Friday, August 18 was rated 2 percent very poor, 5 percent poor, 22 percent fair, 52 percent good and 19 percent excellent.

CORN PERCENT DENT OR BEYOND



SOYBEANS SETTING PODS PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 20, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Blooming	87	90	80	78	96
Setting Pods	68	71	55	53	82
Corn					
Dough Stage	86	92	79	82	63
Dent Stage	63	68	50	55	25
Burley Tobacco					
Cut	33	37	21	13	NA
Dark Tobacco					
Cut	21	42	29	11	NA

SOIL MOISTURE
WEEK ENDING AUGUST 18, 2000
WITH COMPARISONS

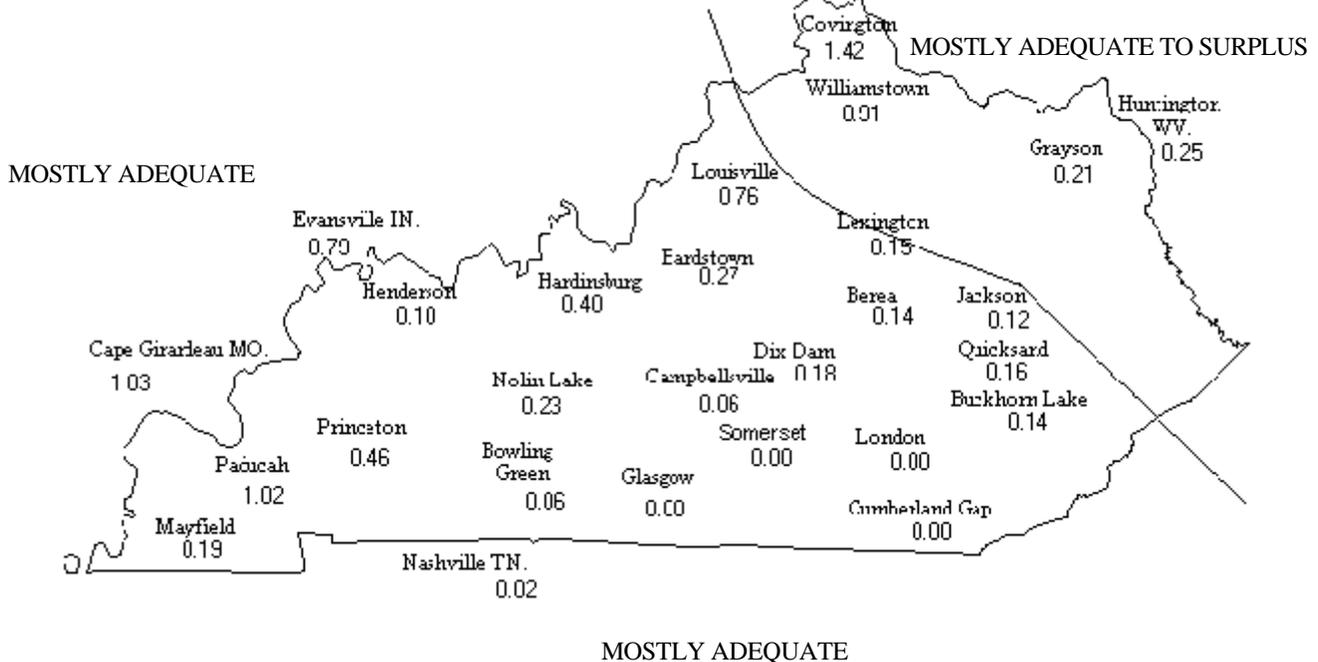
	This Week	Previous Week
TOPSOIL		
Very Short	4	3
Short	19	7
Adequate	71	72
Surplus	6	18
SUBSOIL		
Very Short	8	7
Short	21	14
Adequate	66	68
Surplus	5	11

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 18, 2000					WEEK ENDING AUGUST 11, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	4	19	45	31	1	4	20	45	30
Soybeans	0	5	20	48	27	1	4	19	52	24
Pasture	2	5	22	52	19	2	3	23	56	16
Hay Crops	2	5	20	54	19	4	3	22	53	18
Tobacco in Field	1	3	15	56	25	1	5	18	56	20

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 20, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 18, 2000



KENTUCKY WEATHER SUMMARY, AUGUST 14 - 20, 2000:

NEAR NORMAL Temperatures and BELOW NORMAL Rainfall:

Rainfall was limited this past week as rainfall events occurred statewide on Friday and light rainfall occurred on Sunday in Western Kentucky. Temperatures were mostly seasonably mild except in the Western half of the State during the middle part of the workweek where readings in the mid and upper 90's occurred providing livestock heat stress values in and near the EMERGENCY category. As of August 14th, the Palmer Drought Severity Index indicated West and Central continued in MILD hydrological drought; Bluegrass at NEAR NORMAL conditions; East continued on the positive side and increased to MOIST SPELL hydrologic conditions.

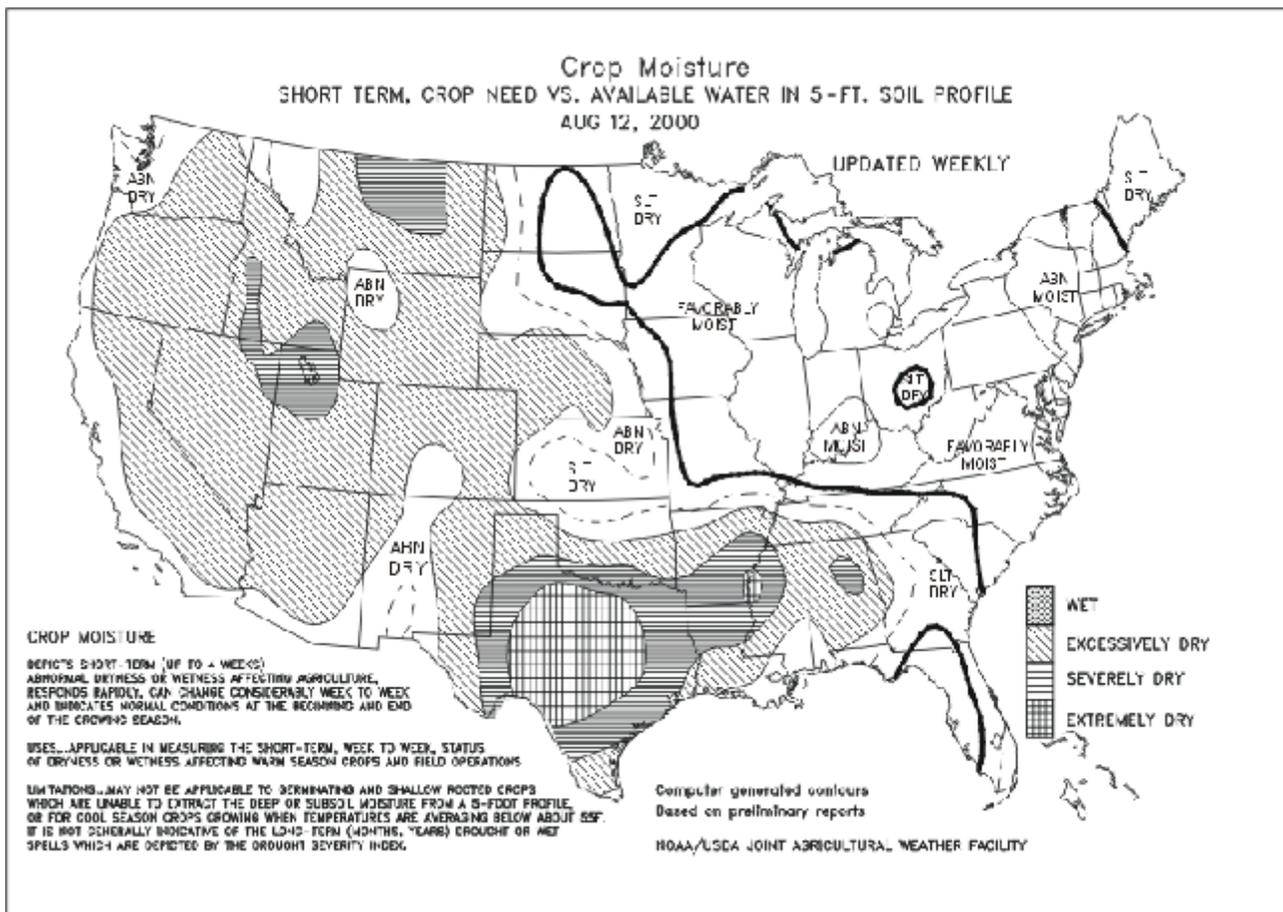
Temperatures for the week averaged 75 degrees across the State which was NEAR NORMAL. High temperatures averaged from 89 in the West to 83 in the East. Departure from normal high temperatures ranged from 1 degree ABOVE NORMAL in the West to 1 degree BELOW NORMAL in the East. Low temperatures averaged from 66 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 1 degree ABOVE NORMAL in the West to 1 degree BELOW NORMAL in the East. Rainfall totaled 0.40 inches statewide which was 0.44 inches BELOW NORMAL. Rainfall totals by climate division, West 0.60 inches, Central 0.29 inches, Bluegrass 0.61 inches and East 0.11 inches, which was 0.19, 0.56, 0.25 and 0.76 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Cumberland Gap to a high of 1.42 inches at Covington.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 20, 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	Dev. Last Since Week Apr. 1	Since Apr. 1	
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.27	16.28	4.20	-3.27	+0.37	94	58	74.5	+1	162	2733	+104
Berea	0.14	22.74	2.67	+2.73	-1.04	91	54	73.4	+0	155	2673	-38
Bowling Green	0.06	15.88	3.24	-4.55	-0.25	98	59	76.7	+3	171	2849	+108
Bristol	0.26	17.39	4.34	+0.28	+1.18	91	55	72.6	-1	151	2551	+44
Buckhorn Lake	0.14	25.91	6.17	+6.71	+2.57	89	56	72.7	-0	154	2672	+296
Cape Girardeau	1.03	12.58	2.72	-6.30	-0.45	99	57	76.6	+1	166	2821	-63
Campbellsville	0.06	23.83	5.51	+1.42	+1.18	95	58	74.6	+1	162	2820	+139
Covington	1.42	19.91	3.50	+1.64	+0.24	89	58	71.7	-1	149	2483	+5
Cumberland Gap	0.00	17.38	3.85	-3.83	-0.30	94	56	74.1	+1	154	2775	+298
Dix Dam	0.18	18.59	3.03	-1.52	-0.77	92	57	73.4	+0	155	2678	+29
Evansville	0.79	17.03	2.65	-1.28	-0.40	96	61	76.3	+1	172	2733	-9
Glasgow	0.00	20.95	4.35	-1.17	+0.38	99	58	76.6	+3	170	2943	+292
Grayson	0.21	20.09	4.23	+1.08	+0.56	87	58	71.4	-2	147	2595	+260
Hardinsburg	0.40	16.65	3.03	-3.53	-0.64	96	60	76.3	+2	170	2866	+125
Henderson	0.10	17.18	1.47	-1.56	-1.63	97	60	77.3	+2	172	2882	+110
Huntington	0.25	19.46	4.36	+0.43	+0.55	87	56	70.9	-2	144	2577	+69
Jackson	0.12	26.35	4.76	+6.11	+0.82	86	58	72.3	-1	153	2606	+230
Lexington	0.15	17.58	3.26	-1.97	-0.57	90	57	73.1	-0	155	2630	+122
London	0.00	17.80	3.65	-0.90	+0.29	90	57	73.1	+0	155	2633	+156
Louisville	0.76	18.57	3.35	-0.53	-0.10	94	60	75.2	+1	166	2773	+11
Mayfield	0.19	12.30	2.09	-8.09	-1.54	99	59	77.6	+2	170	2799	-3
Nashville	0.02	18.89	2.61	-0.13	-0.65	100	63	79.7	+6	185	3048	+114
Nolin Lake	0.23	16.90	3.28	-4.50	-0.44	97	59	76.3	+2	169	2863	+325
Paducah	1.02	18.64	6.42	-1.70	+3.18	99	59	77.2	+1	174	2908	+55
Princeton	0.46	19.38	4.22	-1.11	+0.53	99	61	78.8	+3	177	3036	+214
Quicksand	0.16	30.88	6.67	+10.64	+2.73	88	56	72.4	-1	154	2681	+305
Somerset	0.00	27.05	4.86	+5.97	+1.07	91	56	72.3	-1	150	2755	+187
Spindletop	0.86	16.87	4.09	-2.68	+0.26	89	54	71.9	-1	149	2583	+75
Williamstown	0.91	20.79	3.82	+1.52	+0.24	89	55	72.4	-1	153	2672	+164

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/>



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