



KENTUCKY WEEKLY CROP & WEATHER REPORT



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LELAND E. BROWN, State Statistician

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KBM 20-00

AGRICULTURAL NEWS: Rain was the story for many areas in Kentucky this past week. In western and central Kentucky, where weather has been particularly dry, the rains will greatly benefit soybeans and late corn crops. Between showers, farmers were busy spraying soybeans and tobacco, mowing pastures, cutting hay, and topping tobacco. Days suitable for fieldwork averaged 3.5 out of a possible six. **Topsoil moisture** as of Friday, August 4 was rated 4 percent very short, 7 percent short, 77 percent adequate and 12 percent surplus. **Subsoil moisture** was rated 10 percent very short, 17 percent short, 65 percent adequate and 8 percent surplus.

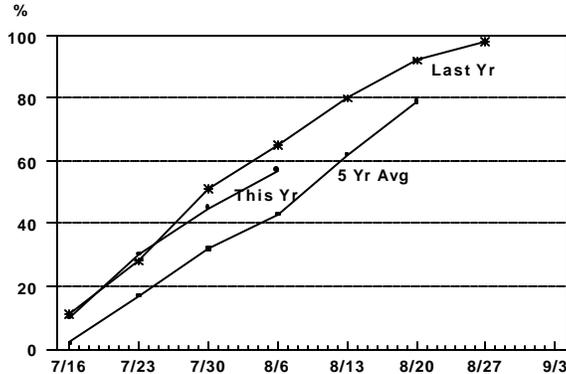
TOBACCO: Blue mold continues to be a concern for producers in the eastern part of the State. The severity of blue mold is variable. Growers are concerned that continued showers will further spread the disease. Mild to moderate black shank problems were reported statewide. No major insect problems were reported. A few farmers are cutting tobacco as weather permits. By Sunday, August 6, 83 percent of **burley** tobacco was blooming compared to 75 percent last year and 55 percent on average. Topping advanced to 63 percent compared to 52 percent last year and 39 percent on average. **Dark tobacco** was 76 percent topped behind last year's 88 percent. Condition of all tobacco was reported as 1 percent very poor, 4 percent poor, 16 percent fair, 55 percent good, and 24 percent excellent.

CORN: Condition as of Friday, August 4 was reported as 1 percent very poor, 4 percent poor, 19 percent fair, 46 percent good, and 30 percent excellent. As of July 30, 95 percent of the crop had silked slightly behind last year's 98 percent, but ahead of the 5 year average of 88 percent. Corn reaching the milk stage was 76 percent compared to 85 percent last year and the 5 year average of 67 percent. The crop was 57 percent in the dough stage compared to 65 percent last year and the 5 year average of 43 percent.

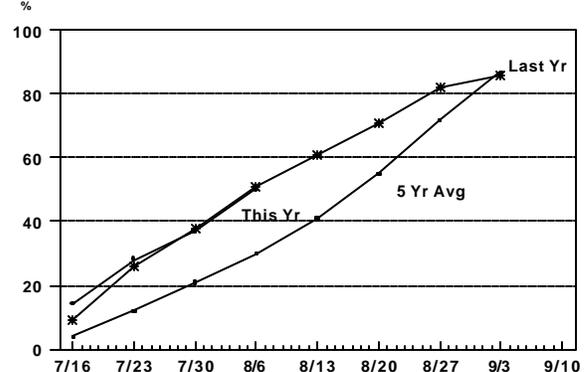
SOYBEANS: Crop condition as of August 4 was reported as 1 percent very poor, 3 percent poor, 20 percent fair, 47 percent good, and 29 percent excellent. The crop was 74 percent blooming, compared to 75 percent last year and 54 percent on average. Soybeans setting pods were reported at 50 percent as of August 6 compared to last year's 51 percent and the 5-year average of 30 percent.

OTHER CROPS: **Hay** crops were reported as 2 percent very poor, 4 percent poor, 21 percent fair, 54 percent good, and 19 percent excellent. However, wet weather has hampered some hay harvesting. **Pasture** condition as of Friday, August 4 was rated 2 percent very poor, 6 percent poor, 20 percent fair, 56 percent good and 16 percent excellent. Pastures have benefitted from recent moisture.

CORN PERCENT DOUGH OR BEYOND



SOYBEANS SETTING PODS PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 6, 2000
WITH COMPARISONS

SOIL MOISTURE
WEEK ENDING AUGUST 4, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week		This Week	Previous Week
				KY	U.S.		
Percentage							
Soybeans							
Blooming	74	75	54	69	85		
Setting Pods	50	51	30	37	51		
Corn							
Silking	95	98	88	92	90		
Milk Stage	76	85	67	67	NA		
Dough Stage	57	65	43	45	26		
Burley Tobacco							
Blooming	83	75	55	69	NA		
Topped	63	52	39	45	NA		
Dark Tobacco							
Topped	76	88	69	62	NA		

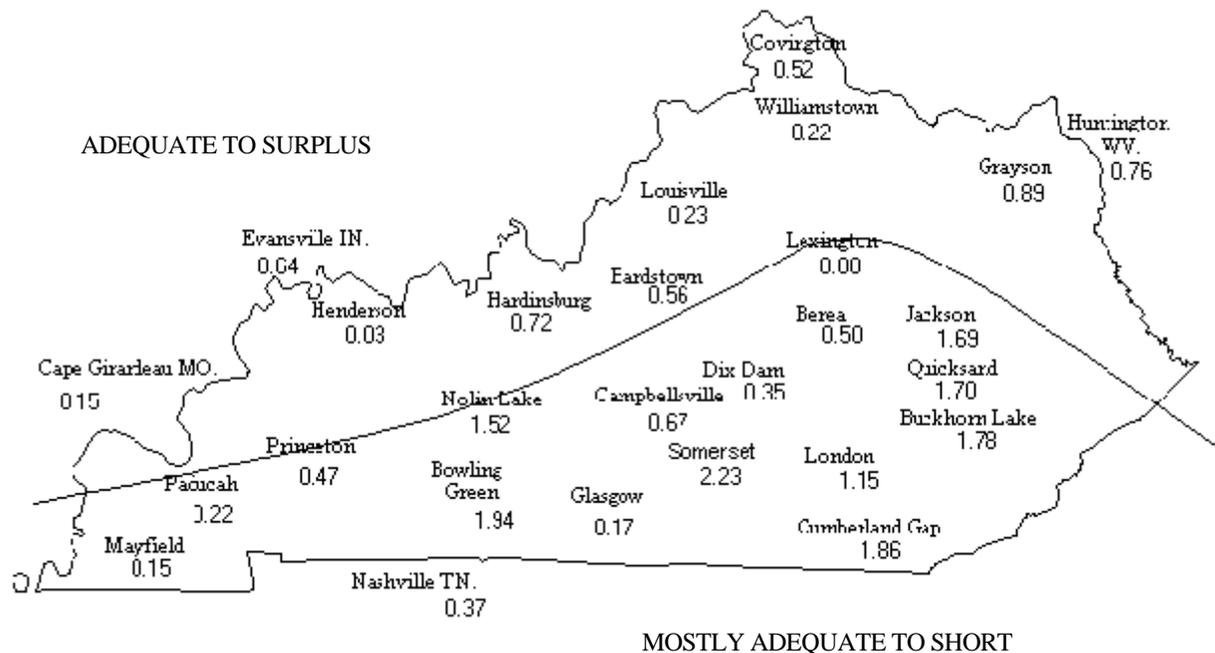
Percentage		
TOPSOIL		
Very Short	4	13
Short	7	24
Adequate	77	59
Surplus	12	4
SUBSOIL		
Very Short	10	16
Short	17	27
Adequate	65	52
Surplus	8	5

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 4, 2000					WEEK ENDING JULY 28, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	1	4	19	46	30	1	7	23	45	24
Soybeans	1	3	20	47	29	2	6	28	42	22
Pasture	2	6	20	56	16	5	10	27	47	11
Hay Crops	2	4	21	54	19	3	7	23	51	16
Tobacco	1	4	16	55	24	2	5	20	55	18

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 6, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 4, 2000



KENTUCKY WEATHER SUMMARY, JULY 31 - AUGUST 6, 2000:

NEAR NORMAL TEMPERATURES AND SLIGHTLY BELOW NORMAL RAINFALL:

Most of Kentucky saw rainshowers/thunderstorms off and on all week which was good news for Western, Central, and Bluegrass sections of the State which were still in moderate to mild hydrological drought. The temperatures continued to be comfortable in the upper 70s to low 80s for the work week with the weekend heating up to the upper 80s and low 90s with muggy conditions.

Temperatures for the period averaged 76 degrees across the State which was NEAR NORMAL. High temperatures averaged from 87 in the West to 83 in the East. Departure from normal high temperatures ranged from 2 degrees BELOW NORMAL in the West to 2 degrees BELOW NORMAL in the East. Low temperatures averaged from 68 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 2 degrees ABOVE NORMAL in the West to 2 degrees ABOVE NORMAL in the East. On July 29th the Palmer Drought Index indicated that the Central region was in a MODERATE hydrological drought with the West and Bluegrass areas in a MILD drought and East was NEAR NORMAL and on the plus side of the hydrological drought. As for short term moisture in the State at that time, the Crop Moisture Index indicated that all of Kentucky had adequate moisture for agricultural purposes.

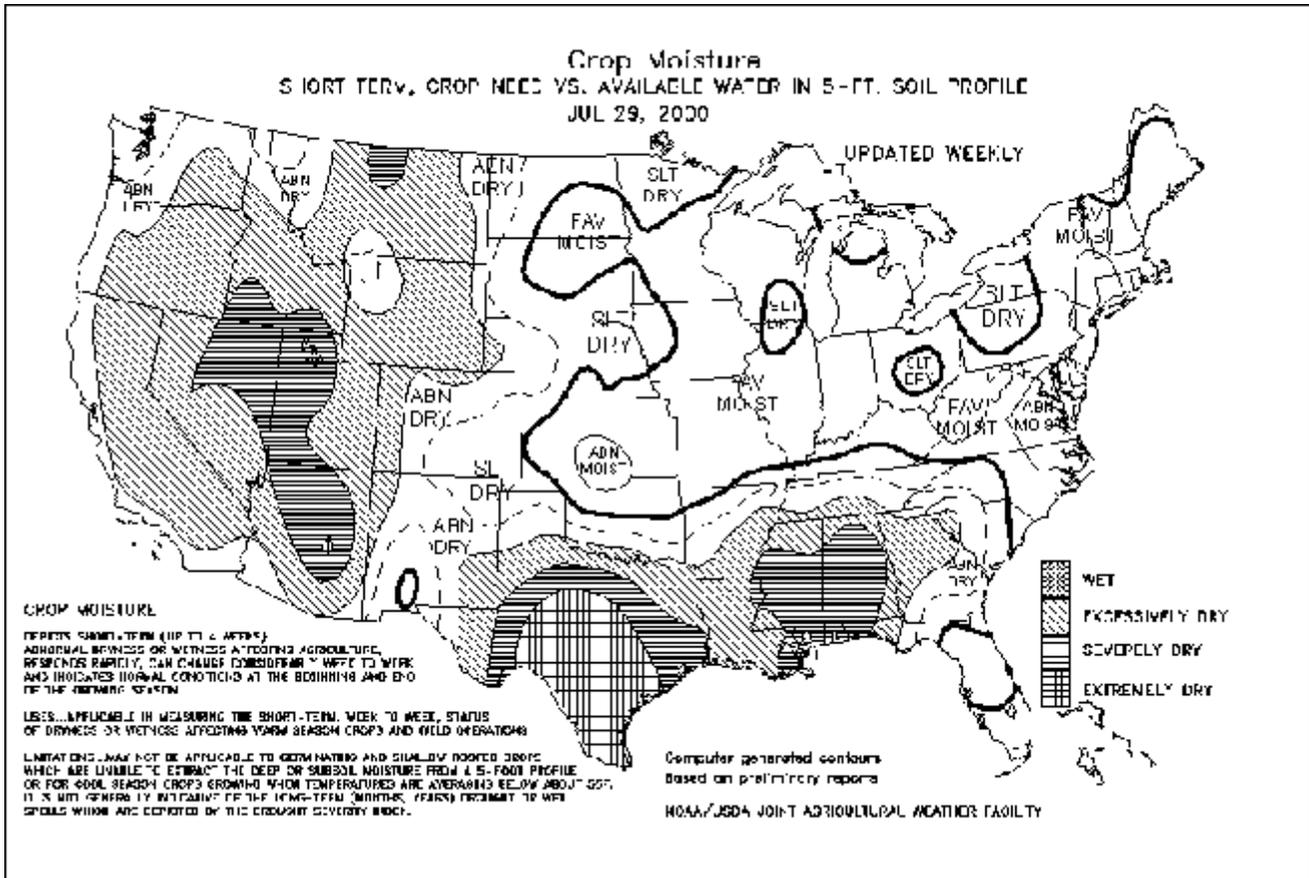
Rainfall for the period totaled 0.79 inches Statewide which was 0.08 inches BELOW NORMAL. Precipitation totals by climate division, West 0.28 inches, Central 0.86 inches, Bluegrass 0.54 inches and East 1.51 inches, which was -0.53, -0.03, -0.35 and +0.60 inches respectively from normal. By station, precipitation totals ranged from a low of 0.03 inches at Henderson to a high of 2.23 inches at Somerset.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 6, 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	0.56	14.22	3.30	-3.55	-1.01	92	63	76.0	+0	176	2397	+90
Berea	0.50	21.88	2.94	+3.67	-0.97	88	55	73.4	-1	161	2354	-21
Bowling Green	1.94	15.70	3.59	-3.15	-0.45	94	66	78.5	+3	190	2494	+89
Bristol	0.80	16.17	4.60	+0.50	+0.92	85	62	73.7	-1	164	2240	+55
Buckhorn Lake	1.78	22.62	5.38	+5.06	+1.24	88	62	74.8	-0	171	2357	+275
Cape Girardeau	0.15	11.32	1.62	-5.99	-1.57	93	62	77.5	+0	181	2474	-60
Campbellsville	0.67	20.98	4.83	+0.64	+0.13	92	63	76.5	+1	180	2493	+148
Covington	0.52	17.19	2.42	+0.43	-1.24	87	56	73.7	-1	163	2178	+22
Cumberland Gap	1.86	16.91	4.99	-2.35	+0.41	90	64	75.6	+1	175	2448	+293
Dix Dam	0.35	17.12	2.69	-1.22	-1.58	90	58	74.3	-1	166	2355	+42
Evansville	0.64	15.63	4.06	-1.27	+0.59	92	63	75.9	-1	175	2378	-28
Glasgow	0.17	19.89	4.25	-0.41	-0.30	94	65	77.7	+2	183	2597	+282
Grayson	0.89	17.57	4.35	+0.25	+0.18	87	60	74.5	-0	169	2286	+259
Hardinsburg	0.72	15.95	3.29	-2.52	-0.83	92	64	77.4	+2	185	2513	+108
Henderson	0.03	16.89	2.80	-0.41	-0.72	90	61	76.5	-1	180	2526	+90
Huntington	0.76	16.66	4.38	-0.59	+0.12	86	59	74.3	-1	169	2271	+85
Jackson	1.69	24.22	5.71	+5.79	+1.21	87	62	74.6	-0	170	2290	+208
Lexington	0.80	15.97	3.15	-1.80	-1.16	90	61	75.6	+1	176	2310	+124
London	1.15	17.07	4.43	-0.13	+0.41	89	66	75.4	+1	174	2312	+157
Louisville	0.23	17.36	3.57	-0.15	-0.32	92	62	76.4	+1	179	2429	+17
Mayfield	0.15	11.68	1.76	-6.98	-2.17	91	61	76.4	-1	178	2454	-12
Nashville	0.37	18.53	2.62	+1.07	-0.87	95	68	79.7	+4	194	2666	+96
Nolin Lake	1.52	16.46	3.60	-3.25	-0.71	93	66	78.0	+2	186	2510	+294
Paducah	0.22	17.45	5.31	-1.39	+1.69	93	65	79.1	+2	193	2546	+43
Princeton	0.47	18.85	4.86	+0.17	+1.04	93	65	79.4	+2	194	2670	+198
Quicksand	1.70	26.94	5.60	+8.51	+1.10	87	62	74.6	-0	170	2369	+287
Somerset	2.23	26.23	7.29	+6.92	+3.06	89	63	75.5	+1	175	2439	+193
Spindletop	0.82	14.52	3.13	-3.25	-1.18	88	59	75.6	+1	176	2271	+85
Williamstown	0.22	17.78	2.04	+0.20	-1.90	88	58	74.9	+0	172	2355	+169

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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