



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

KENTUCKY WEEKLY CROP & WEATHER REPORT



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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AGRICULTURAL NEWS: Hot, dry weather continued to further stress field crops. The occasional shower did not improve overall soil moisture condition. As of Sunday, September 9, **topsoil moisture** was rated 66 percent very short, 26 percent short, 6 percent adequate, and 2 percent surplus. **Subsoil moisture** was rated 72 percent very short, 23 percent short, and 5 percent adequate. Main farm activities were cutting and housing tobacco and shelling corn. Fieldwork was possible for 6.2 days out of a total 7 days.

TOBACCO: There were numerous reports of housed tobacco drying fast instead of curing. Some farmers are spraying water in their tobacco barns to create some moisture to insure better curing conditions. Condition of the tobacco was rated 9 percent very poor, 14 percent poor, 29 percent fair, 36 percent good, and 12 percent excellent. Sixty-four percent of the burley was cut, above previous year's 63 percent. The five year average was 64 percent. Seventy percent of dark tobacco has been cut. In 2006, it was 48 percent and the average was 55 percent. Tobacco yields suffered due to the dry conditions.

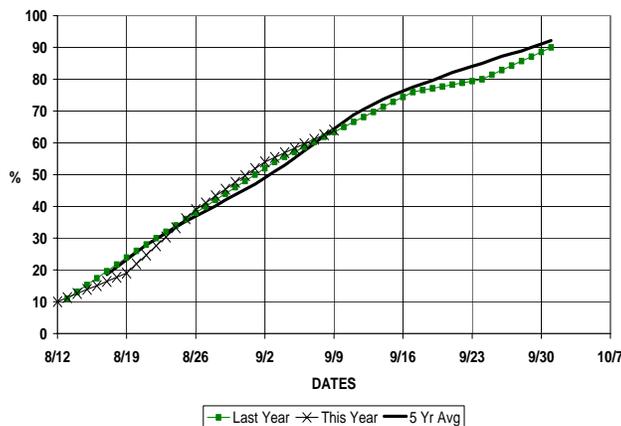
CORN: By September 9, 35 percent of the corn had been harvested. Only 17 percent was harvested last year, with 21 percent for the five year average. Yields look good in some places, while other areas

are yielding below normal. Corn dried quickly again this week with 83 percent mature. Seventy-three percent was matured a year ago. The average was 70 percent. Most of the corn had reached the dent stage at 97 percent. It was 95 percent in 2006, with 93 percent for the average. The condition of the corn was rated 7 percent very poor, 17 percent poor, 24 percent fair, 38 percent good, and 14 percent excellent.

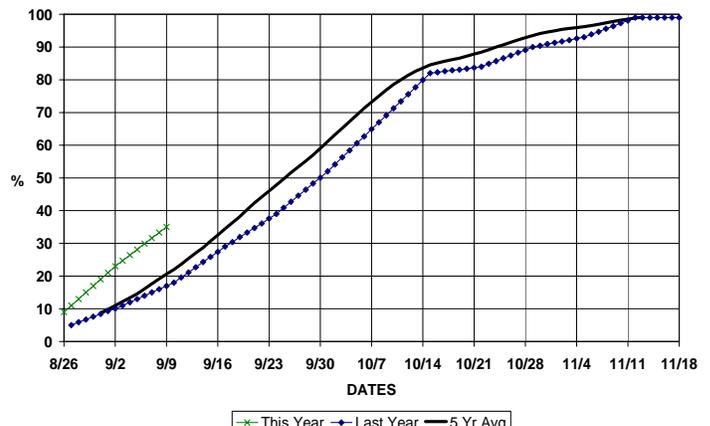
SOYBEANS: The quality of the soybean crop declined further this week. Early planted soybeans will yield beans but it will be lower than normal. Double crop soybeans have suffered extensive damage. Some farmers are baling late soybeans for hay. Soybean condition was rated 18 percent very poor, 22 percent poor, 40 percent fair, 18 percent good, and 2 percent excellent. Thirty-eight percent of soybeans had leaves turning yellow, more than the 32 percent a year ago and 33 percent for the average. Acreage that had dropped leaves was at 19 percent, compared to 10 percent last year and the average of 13 percent.

OTHER CROPS: Farmers continue to report their pastures and hay crops were very poor due to the dry conditions. Hay condition was rated 47 percent very poor, 29 percent poor, 21 percent fair, and 3 percent good. Pasture condition was rated 54 percent very poor, 29 percent poor, 14 percent fair and 3 percent good.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN HARVESTED PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 9, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Turning Yellow	38	32	33	28	NA
Shedding Leaves	19	10	13	11	14
Corn					
Dent Stage	97	95	93	96	79
Mature	83	73	70	81	25
Harvested	35	17	21	23	NA
Burley Tobacco					
Cut	64	63	64	54	NA
Dark Tobacco					
Cut	70	48	55	50	NA

(NA)Data Not Available.

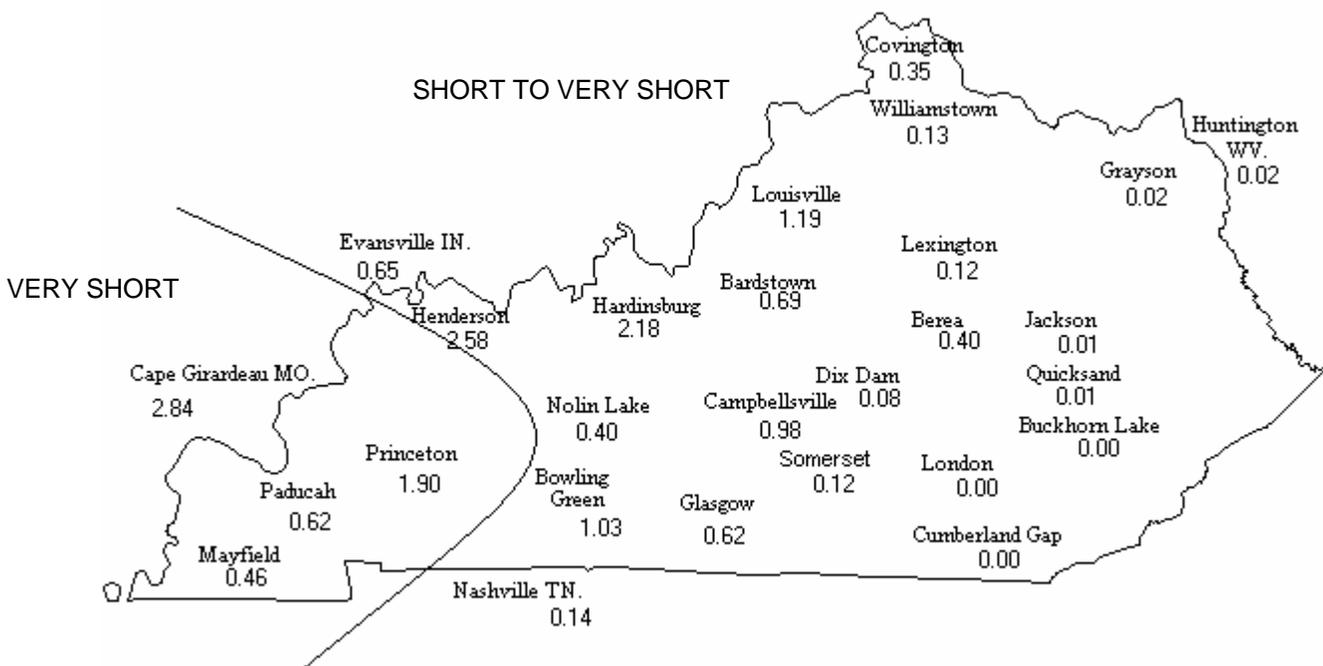
SOIL MOISTURE
WEEK ENDING SEPTEMBER 9, 2007

	This Week	Previous Week
TOPSOIL		
Very Short	66	64
Short	26	29
Adequate	6	7
Surplus	2	0
SUBSOIL		
Very Short	72	70
Short	23	24
Adequate	5	6
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 9, 2007					WEEK ENDING SEPTEMBER 2, 2007				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn	7	17	24	38	14	15	19	27	32	7
Soybeans	18	22	40	18	2	28	21	35	15	1
Pasture	54	29	14	3	0	37	35	21	7	0
Hay Crops	47	29	21	3	0	37	34	24	5	0
Tobacco in Field	9	14	29	36	12	7	13	30	36	11

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION
WEEK ENDING SEPTEMBER 9, 2007



KENTUCKY WEATHER SUMMARY, SEPTEMBER 3 - 9, 2007:

Above normal temperatures and below normal rainfall:

High pressure dominated the Bluegrass state for much of the work week, once again providing mostly dry conditions throughout the week. Thursday, a southerly wave coupled with moisture from the remnants of Henriette provided scattered showers to western and parts of central Kentucky. A cold front approaching the State early in the weekend stalled Saturday morning, resulted in scattered showers and thunderstorms for much of the State through the weekend. Statewide, rainfall totals were below normal for the sixth straight week. Temperatures were significantly above normal for the sixth straight week as well, as high temperatures climbed into the upper 90's for many locations statewide. The extreme high for the week occurred on September 4th as Bowling Green and Glasgow reached 98 degrees. The extreme low for the week occurred on September 4th in Huntington at 57 degrees.

Temperatures for the period averaged 77.9 degrees across the State which was 5.8 degrees above normal and nearly 1 degree cooler than the previous week. High temperatures averaged from 89 in the West to 92 in the East. Departure from normal high temperatures ranged from 5 degrees above normal in the West to 12 degrees above normal in the East. Low temperatures averaged from 70 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 9 degrees above normal in the West to 8 degrees above normal in the East.

Rainfall for the period totaled 0.67 inches statewide which was 0.13 inches below normal. Rainfall totals by climate division, West 1.28 inches, Central 1.17 inches, Bluegrass 0.22 inches and East 0.02 inches, which was 0.46 above normal, 0.32 above normal, 0.55 below normal and 0.76 inches below normal respectively. By station, rainfall totals ranged from a low of 0.00 inches at Bristol to a high of 2.84 inches at Cape Girardeau.

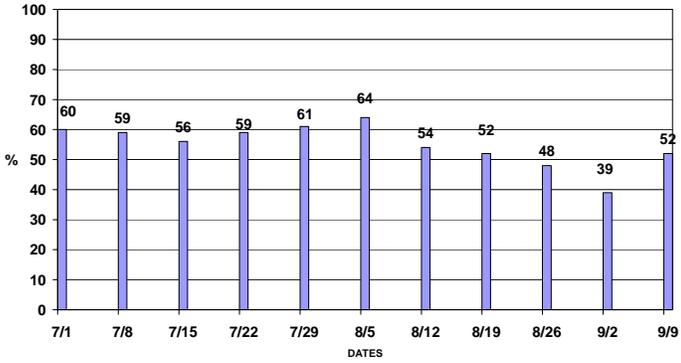
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 9, 7:00 P.M.

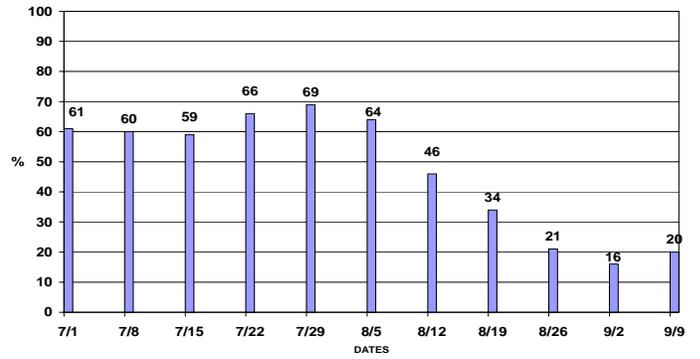
Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.69	18.59	3.99	-3.31	+0.62	95	61	78.5	+8	183	3410	+366
Berea	0.40	15.77	1.05	-6.86	-2.60	96	58	80.6	+11	189	3412	+266
Bowling Green	1.03	13.86	1.70	-8.94	-1.57	98	66	82.0	+12	200	3630	+454
Bristol	0.00	10.75	0.31	-8.46	-2.61	94	56	75.6	+6	157	3141	+219
Buckhorn Lake	0.00	11.34	0.16	-10.26	-3.18	95	62	79.4	+10	186	3417	+657
Cape Girardeau	2.84	13.42	2.84	-7.77	-0.37	95	65	79.1	+7	190	3470	+140
Campbellsville	0.98	20.74	2.64	-4.68	-1.55	96	61	79.8	+10	185	3424	+308
Covington	0.35	8.74	0.51	-11.58	-2.41	97	59	80.3	+11	185	3307	+423
Cumberland Gap	0.00	14.37	0.46	-9.30	-3.12	95	62	79.4	+10	186	3417	+525
Dix Dam	0.08	15.59	0.98	-6.92	-2.43	95	59	79.2	+10	186	3369	+285
Evansville	0.65	12.69	1.66	-7.61	-1.14	97	63	79.4	+7	189	3486	+309
Glasgow	0.62	19.52	3.16	-5.20	-0.48	98	63	80.4	+10	187	3555	+469
Grayson	0.02	16.14	4.44	-5.03	+1.32	96	58	78.1	+9	172	3294	+564
Hardinsburg	2.18	18.73	4.09	-3.89	+0.68	95	62	79.9	+10	194	3565	+380
Henderson	2.58	18.08	3.26	-2.82	+0.28	95	64	79.0	+7	188	3436	+229
Huntington	0.02	9.92	1.16	-11.35	-2.09	96	57	77.7	+8	168	3261	+347
Jackson	0.01	12.21	2.02	-10.51	-1.49	95	62	79.6	+10	184	3356	+596
Lexington	0.12	18.13	3.56	-3.77	+0.19	94	58	78.4	+9	181	3330	+407
London	0.00	13.34	0.49	-7.57	-2.58	97	58	78.1	+9	175	3366	+483
Louisville	1.19	16.90	2.86	-4.41	-0.26	96	62	78.6	+8	183	3379	+171
Mayfield	0.46	7.90	0.46	-15.04	-3.08	95	62	79.4	+7	186	3422	+176
Nashville	0.14	10.34	1.46	-10.93	-1.68	96	71	81.6	+11	203	3789	+380
Nolin Lake	0.40	17.29	2.17	-6.71	-1.39	97	65	80.8	+11	193	3595	+642
Paducah	0.62	15.32	1.79	-7.32	-1.36	95	68	79.3	+7	194	3580	+281
Princeton	1.90	15.10	2.69	-7.81	-0.77	97	67	80.0	+8	191	3637	+360
Quicksand	0.01	11.90	2.02	-10.82	-1.49	95	62	79.4	+10	186	3421	+661
Somerset	0.12	14.08	0.32	-9.59	-3.28	99	59	78.8	+10	172	3225	+242
Spindletop	0.18	16.73	1.89	-5.17	-1.48	95	59	78.6	+9	184	3265	+342
Williamstown	0.13	16.79	1.94	-4.76	-1.30	96	60	79.5	+10	186	3323	+400

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: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.agwx.ca.uky.edu/>

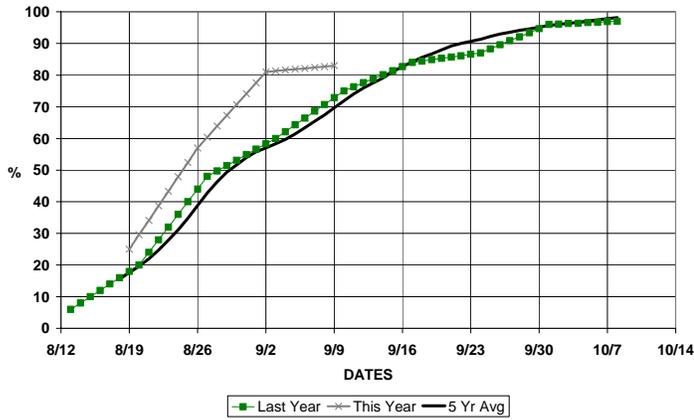
CORN CONDITION
% Good to Excellent



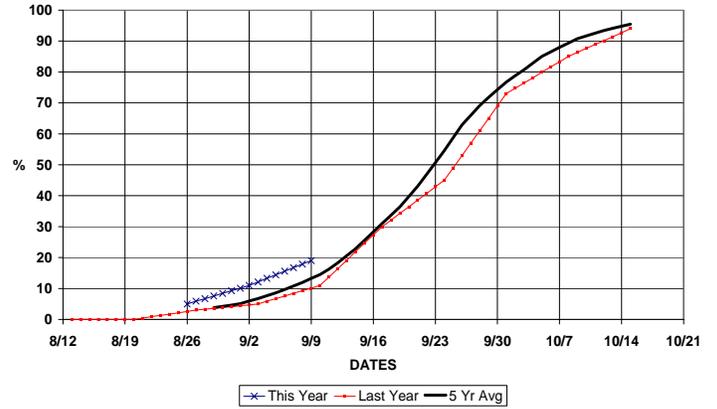
SOYBEAN CONDITION
% Good to Excellent



CORN MATURE OR BEYOND PROGRESS



SOYBEANS SHEDDING LEAVES OR BEYOND



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