

AGRICULTURAL NEWS: The lack of rain and the resulting drought was the main concern across much of Kentucky. Rainfall during mid-week did bring some relief to eastern areas of the State. Days suitable for fieldwork averaged 5.6 out of a possible six days. Main farming activities continued to be corn harvesting and tobacco cutting and housing. **Topsoil moisture** as of Friday, August 27 was rated 56 percent very short, 32 percent short, 11 percent adequate, and 1 percent surplus. **Subsoil moisture** was rated 65 percent very short, 31 percent short, and 4 percent adequate.

CORN: As of August 29 corn was 87 percent dented, compared to 80 percent a year earlier and the 76 percent average. About 18 percent of the corn acreage has been harvested, mostly in the western part of the State. Fair to good yields are being reported. Condition of the corn crop was rated 7 percent very poor, 18 percent poor, 40 percent fair, 30 percent good, and 5 percent excellent. Reports were received of corn being chopped instead of harvested for grain due to dry conditions, lack of cattle forage, and expected low prices.

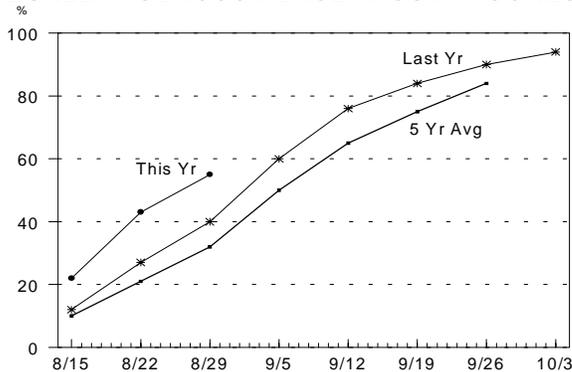
SOYBEANS: Dry conditions throughout the State continue to impact the soybean crop with double crop soybeans being severely stressed. Without moisture, the double crop soybeans will produce very few beans. Several reports were received of soybeans being cut for hay. As of August 29, 27 percent of the beans were turning

compared to 10 percent for both last year and average. The soybean crop was rated 21 percent very poor, 33 percent poor, 32 percent fair, 12 percent good, and 2 percent excellent.

TOBACCO: The tobacco harvest continued uninterrupted except for some eastern areas receiving heavy rain. As of August 29, **burley tobacco** cut was 55 percent, compared to 40 percent last year, and the 32 percent average. **Dark tobacco** cutting was 67 percent complete compared to 52 percent last year and 48 percent on average. Crop condition was reported as 17 percent very poor, 30 percent poor, 33 percent fair, 18 percent good, and 2 percent excellent. Reports of tobacco plants with small leaves and low weights were received. Tobacco was drying too fast in the barns in most areas.

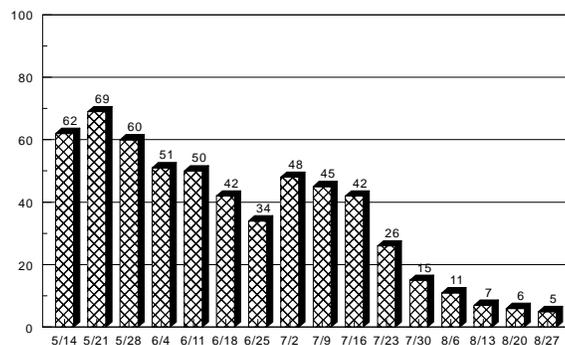
OTHER CROPS: Pasture conditions further deteriorated due to lack of rain. Dormant pasture conditions were commonly reported. Pastures as of August 27 were rated 37 percent very poor, 35 percent poor, 23 percent fair, and 5 percent good. Hay supplies are being fed to cattle to supplement the inadequate pastures. The **hay** crop was rated 32 percent very poor, 36 percent poor, 23 percent fair, 8 percent good, and 1 percent excellent. Continuing dry conditions will significantly limit the fall hay harvest. Cattle producers continue to reduce the size of their herds as both livestock feed and water are in short supply in many areas.

BURLEY TOBACCO PERCENT CUT PROGRESS



PASTURE CONDITION

% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 29, 1999
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Setting Pods	85	75	74	74	90
Turning Yellow	27	10	10	0	NA
Shedding Leaves	11	4	4	1	3
Corn					
Dough Stage	99	94	94	95	81
Dent Stage	87	80	76	72	42
Mature	50	20	19	27	NA
Harvested	18	0	0	0	NA
Burley Tobacco Cut	55	40	32	43	NA
Dark Tobacco Cut	67	52	48	50	NA

SOIL MOISTURE
WEEK ENDING AUGUST 27, 1999
WITH COMPARISONS

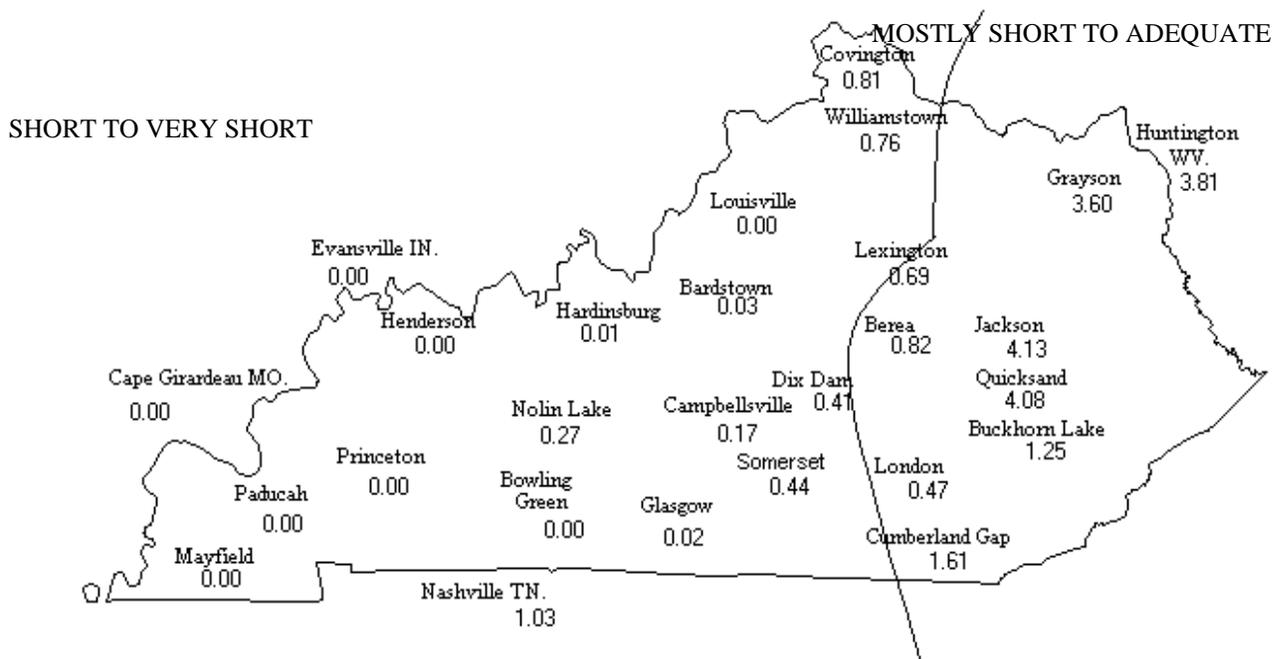
	This Week	Previous Week
TOPSOIL		
Very Short	56	77
Short	32	20
Adequate	11	3
Surplus	1	0
SUBSOIL		
Very Short	65	72
Short	31	25
Adequate	4	3
Surplus	0	0

(NA) Data Not Available

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 27, 1999					WEEK ENDING AUGUST 20, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	7	18	40	30	5	5	20	38	34	3
Soybeans	21	33	32	12	2	16	32	39	13	0
Pasture	37	35	23	5	0	42	34	18	6	0
Hay Crops	32	36	23	8	1	39	35	20	6	0
Tobacco in Field	17	30	33	18	2	16	29	36	17	2

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 29, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 27, 1999



KENTUCKY WEATHER SUMMARY, AUGUST 23 - 29, 1999:

Slightly Cooler Temperatures near Mid-week, along with heavy rain East...otherwise...Hot and Dry:

Heavy rainfall occurred in Eastern sections of the State on Tuesday/ Wednesday (Aug. 24/25) with 3 to 5 inches indicated by doppler radar, especially in Breathitt Co...extending from Magoffin Co. and into Johnson County. Weather stations near those counties reported 3 and 4 inches rainfall event totals.

Statewide temperatures for last week averaged 75 degrees across the State which was 3 degrees ABOVE NORMAL and 1 degree cooler than the previous week. High temperatures averaged from 90 in the West to 85 in the East. Departure from normal high temperatures ranged from 4 degrees ABOVE NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Low temperatures averaged from 63 degrees in the West to 63 degrees in the East. Departure from normal low temperature were NEAR NORMAL in the West to 2 degrees ABOVE NORMAL in the East. Princeton reported the hottest high temperature of 99 degrees and Quicksand reported a low of 51 degrees. Statewide rainfall for last week totaled 0.79 inches statewide which was 0.05 inches BELOW NORMAL. Rainfall totals by climate division, West 0.00 inches, Central 0.06 inches, Bluegrass 0.67 inches and East 2.42 inches, which was -0.79, -0.79, -0.19 and +1.55 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Bowling Green to a high of 4.13 inches at Jackson. Most West and Central locations report no rainfall last week.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, AUGUST 29, 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	0.03	13.41	1.04	-7.28	-2.51	94	60	75.6	+3	168	3032	+196
Berea	0.82	14.73	1.92	-6.44	-1.68	93	61	74.9	+3	165	3005	+78
Bowling Green	0.00	11.28	0.99	-10.17	-2.18	97	62	78.5	+6	179	3269	+312
Bristol	0.26	16.34	1.31	-1.69	-1.55	89	60	74.0	+2	164	2890	+176
Buckhorn Lake	1.25	14.17	3.17	-6.09	-0.13	88	56	74.8	+3	169	2947	+382
Cape Girardeau	0.00	13.27	0.66	-6.62	-2.49	95	57	75.4	+1	164	3102	-7
Campbellsville	0.17	14.53	1.32	-9.21	-2.81	94	62	76.0	+3	173	3124	+227
Covington	0.81	13.29	2.49	-5.95	-0.54	90	60	73.1	+1	158	2842	+157
Cumberland Gap	1.61	15.25	2.68	-7.22	-1.23	90	55	73.4	+2	160	3011	+327
Dix Dam	0.41	13.00	1.00	-8.24	-2.52	92	61	75.8	+4	169	2976	+111
Evansville	0.00	17.09	0.63	-2.12	-2.18	95	59	75.4	+1	165	3021	+63
Glasgow	0.02	12.27	1.05	-11.02	-2.59	96	59	77.8	+5	172	3280	+413
Grayson	3.60	17.31	4.33	-2.79	+0.94	90	62	74.9	+3	167	3007	+474
Hardinsburg	0.01	16.36	0.51	-4.92	-2.90	93	62	75.6	+3	168	3054	+97
Henderson	0.00	17.17	1.33	-2.49	-1.53	94	60	75.9	+1	169	3141	+153
Huntington	3.81	13.29	5.22	-6.89	+1.66	89	57	73.5	+2	159	2988	+273
Jackson	4.13	17.83	5.42	-3.57	+1.80	89	60	73.3	+2	160	2988	+423
Lexington	0.69	12.07	0.94	-8.62	-2.61	92	61	76.2	+5	172	3000	+285
London	0.47	14.80	2.80	-4.86	-0.19	90	58	73.2	+2	158	2982	+298
Louisville	0.00	17.50	0.86	-2.63	-2.34	95	60	76.8	+4	172	3108	+121
Mayfield	0.00	17.24	0.12	-4.26	-3.34	98	62	76.6	+2	173	3168	+150
Nashville	1.03	16.91	3.05	-3.12	-0.08	93	64	78.6	+6	186	3409	+241
Nolin Lake	0.27	15.21	0.62	-7.28	-2.77	96	54	76.6	+4	171	3176	+431
Paducah	0.00	19.67	0.54	-1.64	-2.48	96	58	76.4	+2	166	3197	+119
Princeton	0.00	19.32	1.00	-2.33	-2.62	99	58	77.6	+3	167	3311	+264
Quicksand	4.08	18.85	5.08	-2.55	+1.46	88	51	72.9	+1	156	2920	+355
Somerset	0.44	20.63	2.60	-1.59	-0.94	88	59	73.6	+2	162	2988	+213
Spindletop	0.55	9.42	0.76	-11.27	-2.79	93	61	75.5	+4	169	2967	+252
Williamstown	0.76	10.68	1.87	-9.67	-1.50	91	59	75.1	+3	167	3031	+316

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/>

