

AGRICULTURAL NEWS: The first taste of fall temperatures were felt throughout the State with cold windy conditions on the weekend. Temperatures averaged 49 degrees statewide which was 7 degrees below normal and 14 degrees colder than the previous week. Minimal rainfall fell across the State. **Days suitable for fieldwork** averaged 5.5 out of a possible six. Crop harvesting continued at a steady pace this week. Other farm activities included wheat and pasture seeding and tobacco stripping. **Topsoil moisture** as of Friday, October 22, was rated 18 percent very short, 48 percent short, and 34 percent adequate. **Subsoil moisture** was rated 40 percent very short, 47 percent short, and 13 percent adequate.

TOBACCO: As of Sunday, October 24, 19 percent of the **burley** had been stripped. This compares to 18 percent last year and 17 percent on average. Reports of color variation and small sized tobacco leaf were received. Condition of stripped tobacco was reported as 3 percent very poor, 15 percent poor, 44 percent fair, 31 percent good, and 7 percent excellent.

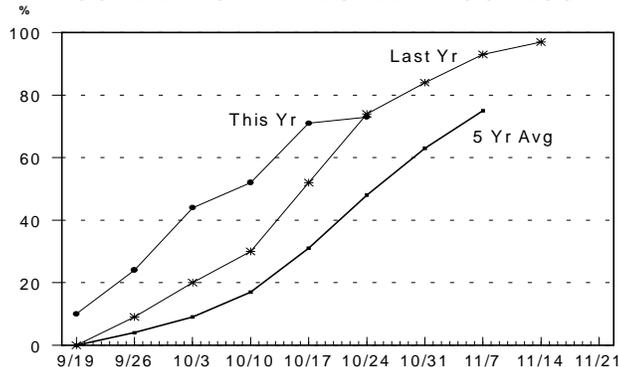
CORN: Ninety-eight percent of the corn crop was harvested as of Sunday, October 24. This compares to 94 percent the previous year and 83 percent for the five year average. The corn harvest is virtually complete across western Kentucky. The remaining corn fields for harvest were across the Bluegrass region and eastern Kentucky.

SOYBEANS: Harvesting has advanced to 73 percent, compared to 74 percent last year and 48 percent on average. Reports were received of late planted beans having short

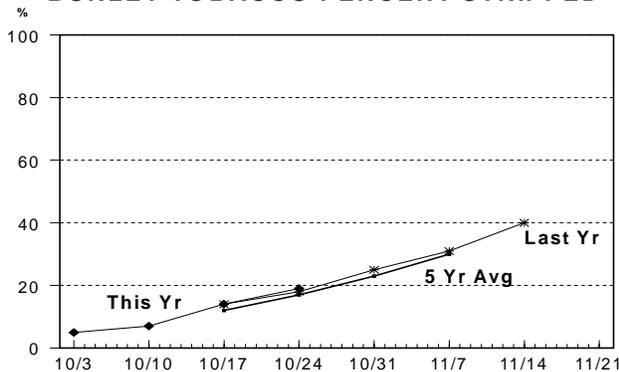
pods with very few beans and still not mature enough to harvest. Some of the double crop soybean acreage will not be harvested due to poor yields after the extended dry spell this summer and fall.

OTHER CROPS: **Winter wheat** seeding was 70 percent complete as of Sunday, October 24 compared to 60 percent last year and 62 percent for the five year average. The condition of the seeded wheat crop was reported as 4 percent poor, 31 percent fair, 58 percent good, and 7 percent excellent. **Pasture** conditions improved this week and were reported as 16 percent very poor, 35 percent poor, 36 percent fair, 12 percent good, and 1 percent excellent. Hay continues to be fed due to lack of suitable pasture. Livestock marketing remains brisk as producers are expecting a long feeding season reducing forage availability. One third of the reporters expect hay supplies to be adequate for winter feeding while two thirds expect hay shortages. The major cattle producing areas expect insufficient forage supplies for their winter needs.

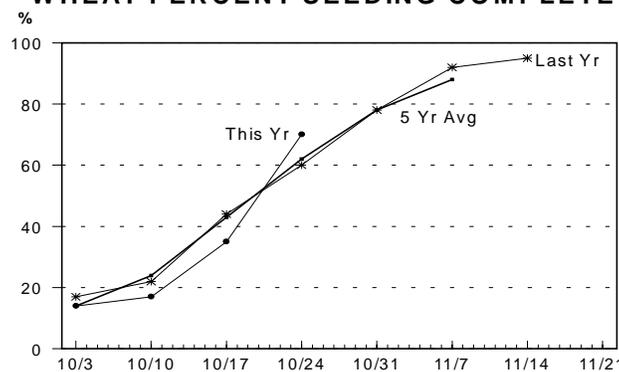
SOYBEANS HARVESTED PROGRESS



BURLEY TOBACCO PERCENT STRIPPED



WHEAT PERCENT SEEDING COMPLETE



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 24, 1999
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans Harvested	73	74	48	71	74
Corn Harvested	98	94	83	96	59
Burley Tobacco Stripped	19	18	17	14	NA
Wheat Seeded	70	60	62	35	79

(NA) Data Not Available

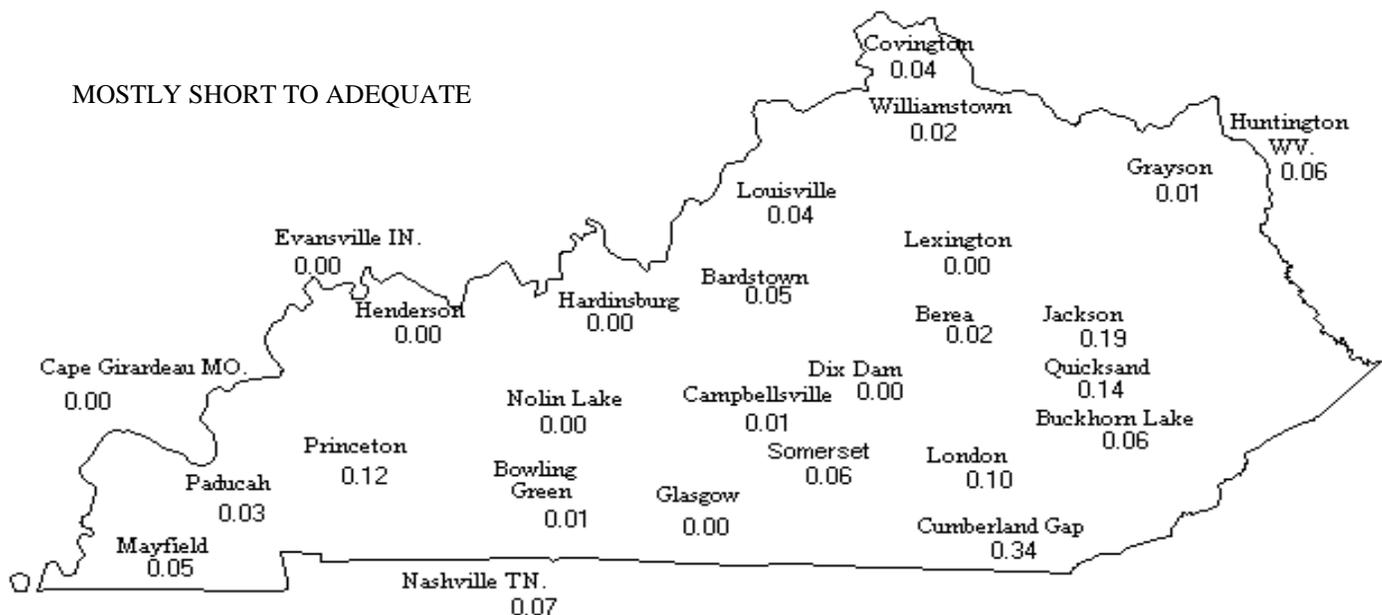
SOIL MOISTURE
WEEK ENDING OCTOBER 22, 1999
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	18	10
Short	48	37
Adequate	34	52
Surplus	0	1
SUBSOIL		
Very Short	40	47
Short	47	34
Adequate	13	19
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 22, 1999					WEEK ENDING OCTOBER 15, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Fall Wheat Seeded	0	4	31	58	7	-	-	-	-	-
Pasture	16	35	36	12	1	23	41	27	8	1
Quality of Stripped Tobacco	3	15	44	31	7	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 24, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 22, 1999



MOSTLY SHORT TO ADEQUATE

KENTUCKY WEATHER SUMMARY, OCTOBER 18 - 24, 1999:

BELOW NORMAL Temperatures and Rainfall: Seasonal temperatures thru the workweek gave way to much colder, windy conditions on the weekend. Patchy frost occurred at mid-week and on the weekend. Rainfall was very limited.

Temperatures for this past week averaged 49 degrees across the State which was 7 degrees BELOW NORMAL and 14 degrees colder than the previous week. High temperatures averaged from 62 in the West to 58 in the East. Departure from normal high temperatures ranged from 8 degrees BELOW NORMAL in the West to 8 degrees BELOW NORMAL in the East. Low temperatures averaged from 36 degrees in the West to 40 degrees in the East. Departure from normal low temperature ranged from 10 degrees BELOW NORMAL in the West to 4 degrees BELOW NORMAL in the East. Extreme high temperatures were in the low 70's and extreme lows were in the upper 20's.

Rainfall for the week totaled 0.05 inches Statewide which was 0.62 inches BELOW NORMAL. Rainfall totals by climate division, West 0.03 inches, Central 0.02 inches, Bluegrass 0.01 inches and East 0.12 inches, which was 0.66, 0.64, 0.61 and 0.56 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Cape Girardeau to a high of 0.34 inches at Cumberland Gap.

Tom Priddy

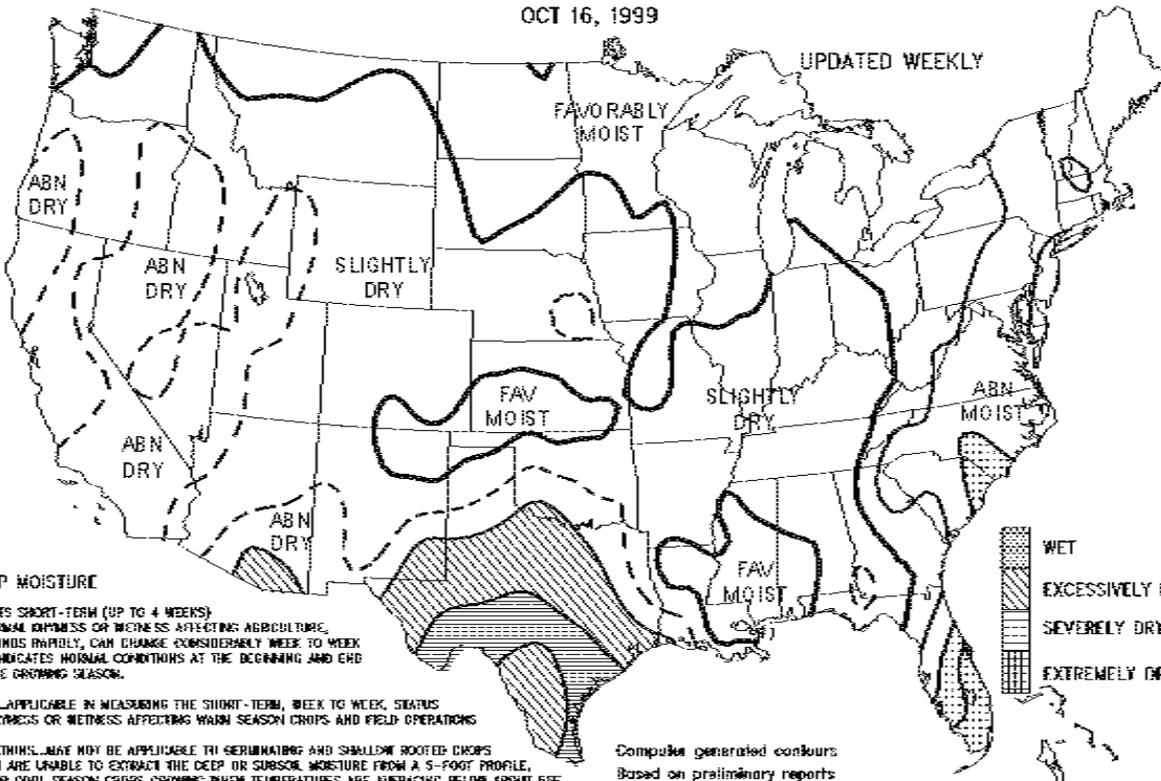
**KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, OCTOBER 24, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity			
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average			
	(Inches)			(Degrees Fahrenheit)								High	Low
Bardstown	0.05	17.07	3.19	-9.06	+0.77	66	31	48.9	-7	93	45		
Berea	0.02	19.75	3.03	-7.85	+0.33	63	33	49.5	-5	91	43		
Bowling Green	0.01	16.39	3.53	-11.35	+0.70	67	31	49.9	-6	--	--		
Bristol	0.23	19.62	2.69	-3.88	+0.25	66	34	49.1	-6	--	--		
Buckhorn Lake	0.06	17.63	3.10	-8.71	+0.43	65	34	48.9	-6	--	--		
Cape Girardeau	0.00	16.03	2.54	-9.98	-0.26	74	25	47.9	-10	--	--		
Campbellsville	0.01	18.47	3.02	-12.64	-0.04	66	32	49.9	-6	92	42		
Covington	0.04	17.64	4.33	-6.91	+1.73	62	29	46.0	-9	--	--		
Cumberland Gap	0.34	19.25	3.91	-9.13	+0.94	70	36	50.4	-4	92	44		
Dix Dam	0.00	17.15	2.83	-9.84	+0.16	63	33	48.4	-6	--	--		
Evansville	0.00	20.28	3.01	-4.32	+0.39	68	30	47.4	-11	--	--		
Glasgow	0.00	15.74	2.20	-14.03	-0.65	68	29	50.8	-5	93	42		
Grayson	0.01	19.52	2.16	-5.88	-0.52	66	34	49.5	-5	90	44		
Hardinsburg	0.00	18.66	2.18	-8.87	-0.67	68	35	49.9	-6	87	47		
Henderson	0.00	21.26	3.82	-4.21	+1.21	69	29	49.4	-9	87	41		
Huntington	0.06	17.57	3.86	-7.95	+1.20	63	33	48.1	-7	--	--		
Jackson	0.19	22.03	3.91	-5.40	+1.19	62	36	48.7	-6	--	--		
Lexington	0.00	14.99	2.50	-11.14	+0.08	63	32	47.4	-7	--	--		
London	0.10	19.00	3.37	-6.49	+0.77	64	33	48.8	-6	--	--		
Louisville	0.04	20.87	3.14	-4.75	+0.62	67	35	49.9	-6	--	--		
Mayfield	0.05	19.55	2.11	-8.96	-1.21	66	34	49.6	-9	90	45		
Nashville	0.07	20.92	2.61	-4.77	+0.13	71	35	51.8	-4	--	--		
Nolin Lake	0.00	19.48	3.20	-9.92	+0.18	68	33	50.3	-6	--	--		
Paducah	0.03	24.32	4.39	-3.22	+1.58	71	29	49.6	-9	91	46		
Princeton	0.12	23.31	3.46	-4.29	+0.65	70	28	50.4	-8	90	49		
Quicksand	0.14	21.97	2.86	-5.46	+0.14	64	33	49.0	-6	99	42		
Somerset	0.06	24.63	2.97	-4.37	-0.09	65	32	49.4	-5	91	45		
Spindletop	0.00	12.36	2.67	-13.77	+0.25	63	34	47.4	-7	91	48		
Williamstown	0.02	13.86	3.04	-12.23	+0.30	64	34	48.9	-6	81	42		

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/>

Crop Moisture
 SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
 OCT 16, 1999

UPDATED WEEKLY



CROP MOISTURE

DEFICITS SHORT-TERM (UP TO 4 WEEKS)
 ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE,
 RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK
 AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END
 OF THE GROWING SEASON.

USES...APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS
 OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS

LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS
 WHICH ARE UNABLE TO EXTRACT THE DEEP OR SURFACE MOISTURE FROM A 5-FOOT PROFILE,
 OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGE BELOW ABOUT 55F.
 IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET
 SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.

Computer generated contours
 Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY