



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared 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: Below normal temperatures and slightly above normal rain slowed field work in much of the State. Fall like weather was the story for most of the week. The temperature averaged 66 degrees for the week 2 degree below normal. Precipitation averaged 0.9 inches for the week which was 0.1 inches above normal. **Topsoil moisture**, as of Friday, September 15 was rated 2 percent very short, 17 percent short, 70 percent adequate, and 11 percent surplus. **Subsoil moisture** was rated 6 percent very short, 22 percent short, 66 percent adequate, and 6 percent surplus. **Days suitable for fieldwork** averaged 4.0 out of a possible 6. Primary farming activities included cutting hay, cutting and housing tobacco and sowing cover crops. Harvesting of corn and soybeans was advancing in the western portions of the State and beginning in the remainder of the State.

TOBACCO: As of Sunday, September 17, **burley tobacco** was 83 percent cut. This compares with 86 percent in 1999, and 73 percent for the five year average. **Dark tobacco** was 78 percent cut as of Sunday, September 17, this compares with 84 percent in 1999, and 79 percent for the five year average. Farmers continue to be concerned with quick curing. Western areas of the State's harvest was hindered by

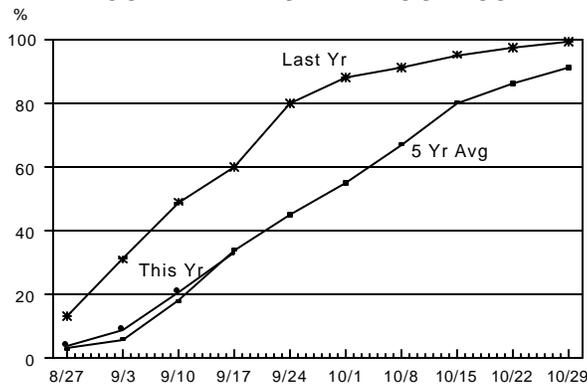
rain with some cut tobacco reportedly rained on. Tobacco showing houseburn was reported as 59 percent with none, 24 percent light, 13 percent moderate, and 4 percent with heavy houseburn.

CORN: As of September 17, 87 percent of the corn crop was mature, compared to 93 percent last year and 71 percent for the five year average. Condition of the corn crop was rated 4 percent poor, 18 percent fair, 45 percent good, and 33 percent excellent. Thirty-three percent of the corn crop was harvested as of Sunday September 17. This compares to 60 percent the previous year, and 34 percent for the five-year average. Average moisture levels of the harvested corn was reported at 19.7 percent.

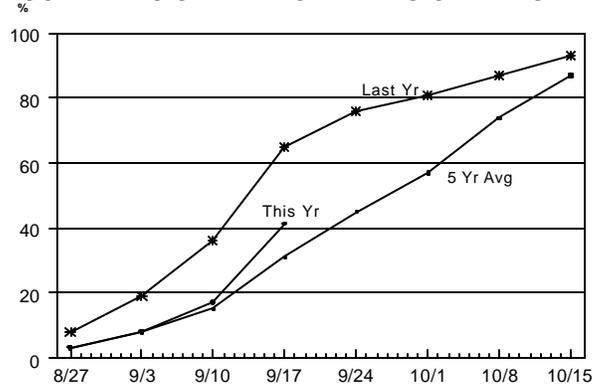
SOYBEANS: The soybean crop continues to advance. The condition of the crop last week was rated 3 percent poor, 28 percent fair, 43 percent good, and 26 percent excellent. Forty-one percent of the soybean crop was shedding leaves compared to 65 percent last year, and 31 percent on average.

OTHER CROPS: **Pasture** condition was rated as 1 percent very poor, 7 percent poor, 23 percent fair, 53 percent good, and 16 percent excellent. The **hay** crop was rated 2 percent very poor, 6 percent poor, 22 percent fair, 53 percent good, and 17 percent excellent.

CORN HARVESTED PROGRESS



SOYBEANS SHEDDING LEAVES OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 17, 2000
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	41	65	31	17	37
Corn					
Mature	87	93	71	75	46
Harvested	33	60	34	21	7
Burley Tobacco Cut	83	86	73	78	NA
Dark Tobacco Cut	78	84	79	74	NA

(NA) Data Not Available.

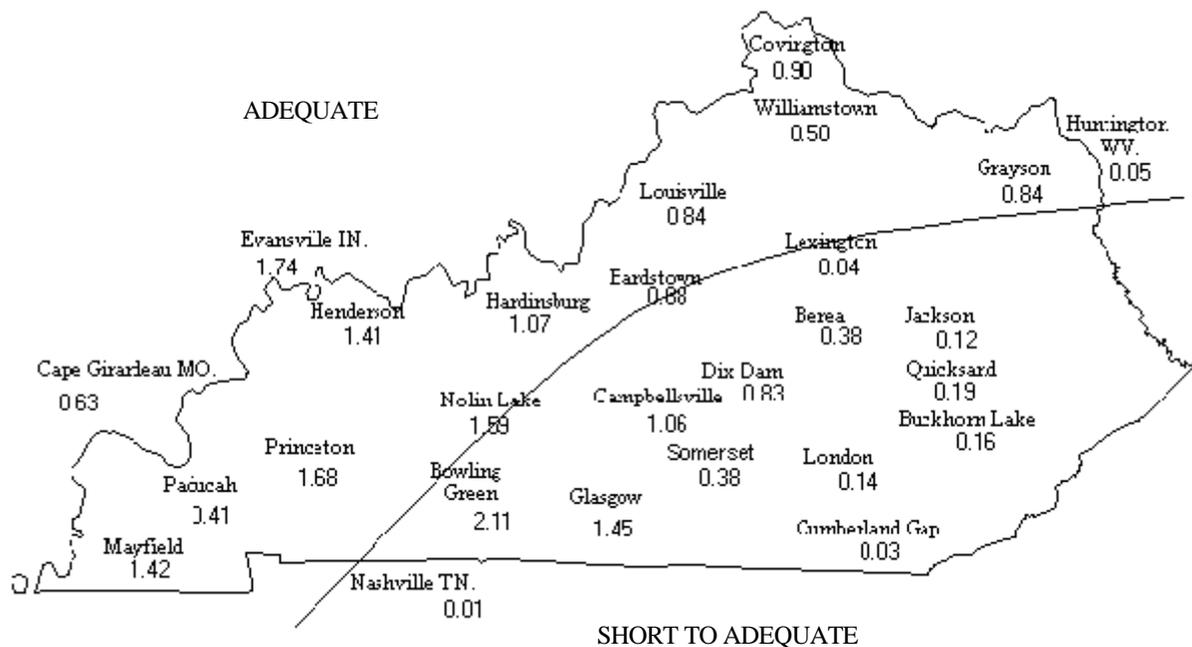
SOIL MOISTURE
WEEK ENDING SEPTEMBER 15, 2000
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	2	6
Short	17	27
Adequate	70	63
Surplus	11	4
SUBSOIL		
Very Short	6	10
Short	22	23
Adequate	66	62
Surplus	6	5

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 15, 2000					WEEK ENDING SEPTEMBER 8, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	4	18	45	33	0	5	21	43	31
Soybeans	0	3	28	43	26	1	5	26	45	23
Pasture	1	7	23	53	16	3	8	26	51	12
Hay Crops	2	6	22	53	17	1	7	25	50	17
Tobacco in Field	2	8	22	54	14	2	4	21	50	23

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 17, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 15, 2000



KENTUCKY WEATHER SUMMARY, SEPTEMBER 11 - 17, 2000:

BELOW NORMAL TEMPERATURES AND SLIGHTLY ABOVE NORMAL RAINFALL:

Cool temperatures were the story for much of the week with more fall-like highs in the 60s to low 70s and record or near record lows across Kentucky. Lows were in the low 40s in most of the State with some areas dropping to the upper 30s in the latter half of the week. The beginning of the work week saw showers in most of the State with Central and Western sections receiving some much needed rainfall.

Temperatures for the period averaged 66 degrees across the State which was 2 degrees BELOW NORMAL. High temperatures averaged from 80 in the West to 76 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 56 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 2 degrees BELOW NORMAL in the West to NEAR NORMAL in the East. As of Sept. 9th the Palmer Drought Index indicated that Central sections slid to MODERATE hydrological drought conditions with Western and Bluegrass in MILD drought and East remained in MOIST SPELL conditions. The Crop Moisture Index for the same time continued to indicate adequate short-term soil moisture for agricultural purposes.

Rainfall for the period totaled 0.88 inches statewide which was 0.08 inches ABOVE NORMAL. Precipitation totals by climate division, West 1.22 inches, Central 1.32 inches, Bluegrass 0.75 inches and East 0.24 inches, which was +0.40, +0.47, -0.03 and -0.54 inches respectively from normal. By station, precipitation totals ranged from a low of 0.03 inches at Cumberland Gap to a high of 2.11 inches at Bowling Green.

Tom Priddy

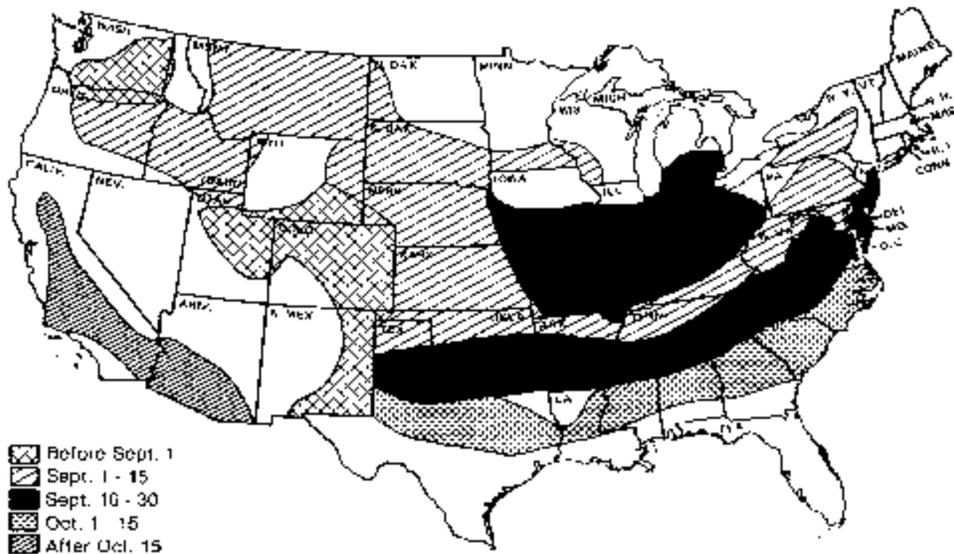
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, SEPTEMBER 17, 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	0.88	18.53	2.25	-4.22	-0.96	83	42	66.1	-2	117	3349	+161
Berea	0.38	25.28	2.54	+1.58	-1.14	80	38	64.7	-2	111	3254	-44
Bowling Green	2.11	19.69	3.81	-4.10	+0.46	84	41	67.9	+0	130	3512	+184
Bristol	0.00	19.64	2.25	-0.44	-0.72	87	37	68.1	+1	135	3147	+81
Buckhorn Lake	0.16	28.37	2.46	+5.80	-0.91	83	41	66.5	-0	122	3271	+375
Cape Girardeau	0.63	14.25	1.67	-7.89	-1.59	89	39	67.4	-2	131	3486	+4
Campbellsville	1.06	26.07	2.24	-0.59	-2.01	83	40	66.4	-1	120	3442	+174
Covington	0.90	21.20	1.29	+0.11	-1.53	77	41	62.8	-4	96	3052	+32
Cumberland Gap	0.03	20.32	2.94	-4.18	-0.34	88	40	68.7	+2	137	3407	+371
Dix Dam	0.83	21.05	2.46	-2.37	-0.86	81	40	64.9	-2	111	3270	+34
Evansville	1.74	23.17	6.14	+2.08	+3.35	83	45	67.0	-3	122	3376	+47
Glasgow	1.45	23.45	2.50	-2.30	-1.13	85	40	66.9	-1	125	3582	+344
Grayson	0.84	23.53	3.44	+1.63	+0.55	79	39	64.7	-2	110	3163	+297
Hardinsburg	1.07	20.43	3.78	-3.16	+0.37	83	42	65.8	-2	116	3500	+155
Henderson	1.41	21.36	4.18	-0.46	+1.09	85	43	68.2	-2	131	3539	+180
Huntington	0.05	22.62	3.16	+0.60	+0.18	80	38	64.7	-2	111	3143	+93
Jackson	0.12	29.13	2.78	+5.48	-0.64	82	42	65.9	-1	116	3178	+282
Lexington	0.84	21.07	3.49	-1.68	+0.28	78	41	64.2	-3	106	3219	+152
London	0.14	19.95	2.15	-1.89	-1.00	81	38	65.4	-1	117	3223	+204
Louisville	0.84	20.80	2.23	-1.35	-0.82	83	43	65.6	-2	113	3391	+31
Mayfield	1.42	14.95	2.65	-9.05	-0.96	86	39	66.9	-3	126	3448	+42
Nashville	0.01	20.23	1.34	-1.95	-1.82	88	47	71.9	+4	150	3756	+179
Nolin Lake	1.59	20.59	3.69	-4.53	-0.03	83	41	66.5	-1	121	3507	+410
Paducah	0.41	20.07	1.43	-3.55	-1.85	87	42	68.9	-1	137	3596	+145
Princeton	1.68	22.72	3.34	-1.08	+0.03	84	43	69.2	-1	139	3741	+304
Quicksand	0.19	33.10	2.32	+9.45	-1.10	82	42	65.9	-1	116	3268	+372
Somerset	0.38	28.63	1.58	+3.89	-2.08	83	39	66.4	-1	122	3368	+241
Spindletop	0.95	19.65	2.78	-3.10	-0.43	78	41	63.4	-3	102	3156	+89
Williamstown	0.58	22.44	1.65	+0.04	-1.48	81	41	64.9	-2	109	3258	+191

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/>

WINTER WHEAT - Usual Start of Planting, Principal Areas in the United States



CROP PROGRESS PERCENT FOR WEEK ENDING SEPTEMBER 10, 2000

CORN MATURE

State	Curr	Last Wk	1999	Avg
CO	24	22	6	9
IL	53	32	49	25
IN	48	22	45	26
IA	61	32	41	28
KS	88	65	51	44
KY	75	65	82	55
MI	2	0	32	16
MN	20	11	18	12
MO	86	62	76	53
NE	53	20	18	12
NC	85	70	84	87
ND	23	12	10	17
OH	14	*9	32	12
PA	5	4	22	15
SD	23	10	13	14
TN	93	76	95	81
TX	88	79	81	79
WI	6	2	27	19
18 States	46	27	38	25

These 18 States planted 92% of last year's corn acreage.

*Revised.

SOYBEANS DROPPING LEAVES

State	Curr	Last Wk	1999	Avg
AR	20	13	13	11
IL	33	12	25	12
IN	52	28	49	29
IA	39	9	9	10
KS	85	67	25	24
KY	17	8	36	15
LA	67	55	44	37
MI	4	1	31	20
MN	29	9	15	17
MS	70	55	64	45
MO	31	13	16	10
NE	41	23	8	8
NC	10	5	9	7
ND	36	10	18	28
OH	29	16	57	28
SD	41	23	28	34
TN	22	15	26	14
WI	16	2	18	11
18 States	37	18	25	18

These 18 States planted 95% of last year's soybean acreage.

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