



**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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JMB 18-06

AGRICULTURAL NEWS: The week was hot and humid with farmers receiving less rain than the previous week. The high heat and humidity began to stress the crops and livestock. Although some rain was received, more rain is needed. **Topsoil moisture** as of Friday, July 21, was rated 6 percent very short, 27 percent short, 61 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 6 percent very short, 24 percent short, 65 adequate, and 5 percent surplus. Days suitable for fieldwork averaged 5.6 days out of a possible 7 days. The majority of fieldwork included baling hay, spraying tobacco for blue mold, topping tobacco, and spraying for weeds.

TOBACCO: There were 48 counties with confirmed blue mold sightings, up from 43 counties a week ago. Although the blue mold presence has increased slightly, the rate at which it has spread throughout the State has slowed down. The tobacco condition improved due to good growing conditions with 4 percent poor, 19 percent fair, 54 percent good, and 23 percent excellent. As of Sunday, July 23, 40 percent of the burley tobacco was blooming or beyond, the same as the five year average, and ahead of last year's 37 percent. Eighteen percent of the burley had been topped, the same as the five year average, and ahead of last year's 17 percent. Thirty-three percent of the dark tobacco has been topped.

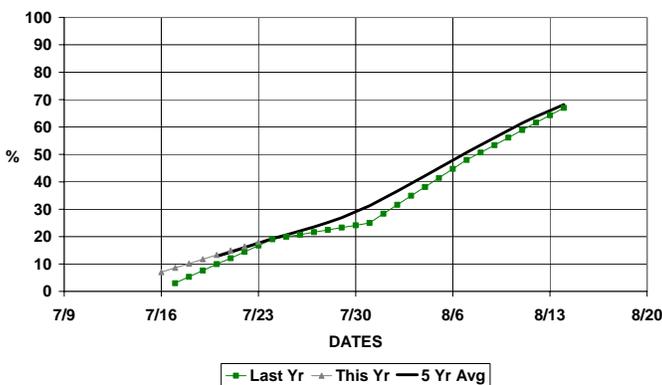
CORN: The corn crop looks very good with continued optimism for high yields. The corn condition was rated 6 percent poor, 9 percent fair, 35 percent good, and 50

percent excellent. Eighty-five percent of the corn has silked or was silking as of Sunday, July 23, behind last year's 92 percent, but ahead of the five year average of 83 percent. Fifty percent was in the milk stage or beyond, behind last year's 55 percent, and the five year average of 51 percent. Sixteen percent was in the dough stage or beyond, behind last year's 19 percent, and the five year average of 24 percent.

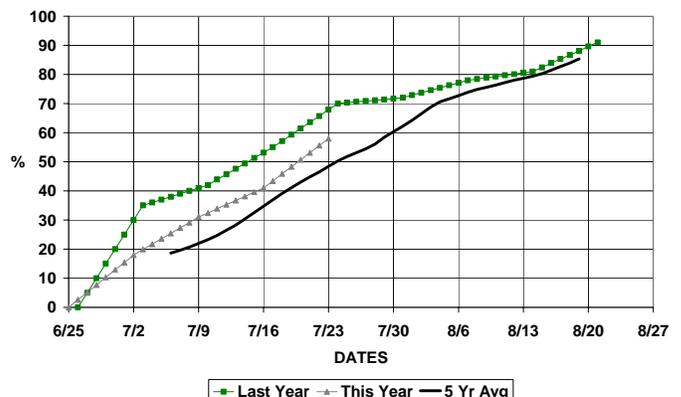
SOYBEANS: Some of the soybeans have reached a critical stage of growth and need rain to sustain development. As of Sunday, July 23, 58 percent of soybeans were blooming, behind last year's 68 percent, but ahead of the five year average of 48 percent. Twenty-nine percent of the soybeans were setting pods, behind last year's 42 percent, but ahead of the five year average of 24 percent. Overall, the soybean condition improved with 2 percent rated as poor, 20 percent fair, 44 percent good, and 34 percent excellent.

OTHER CROPS: One of the main activities continued to be baling hay. The hay condition remained primarily unchanged, with 64 percent rated good to excellent. Hay condition as of Friday, July 21 was rated 1 percent very poor, 6 percent poor, 29 percent fair, 51 percent good, and 13 percent excellent. As of Friday, July 21, the pasture condition had declined slightly in the hot, dry weather, with 6 percent poor, 30 percent fair, 49 percent good, and 15 percent excellent.

BURLEY TOBACCO PERCENT TOPPED



SOYBEANS PERCENT BLOOMING



KENTUCKY CROP PROGRESS

WEEK ENDING JULY 23, 2006
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Blooming	58	68	48	41	60
Setting Pods	29	42	24	17	16
Corn					
Silking	85	92	83	75	51
Milk Stage	50	55	51	28	NA
Dough Stage	16	19	24	7	6
Burley Tobacco					
Blooming	40	37	40	20	NA
Topped	18	17	18	7	NA
Dark Tobacco					
Topped	33	NA	NA	NA	NA

(NA)Data Not Available.

SOIL MOISTURE

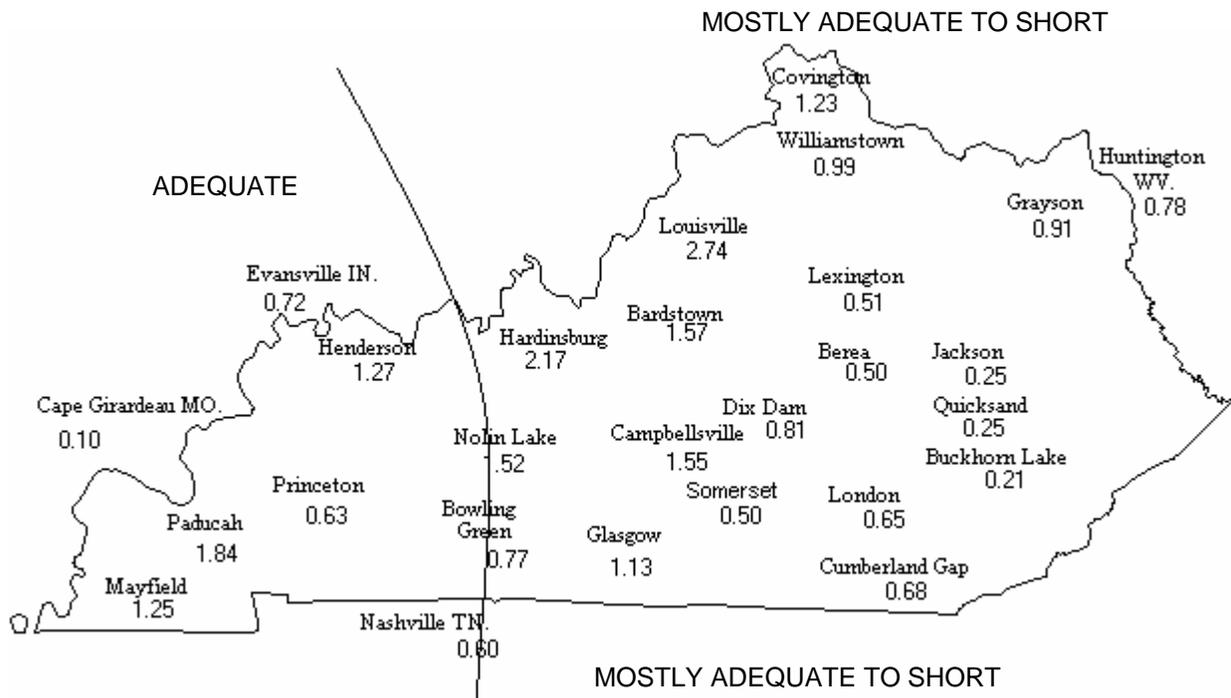
WEEK ENDING JULY 21, 2006
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	6	3
Short	27	19
Adequate	61	63
Surplus	6	15
SUBSOIL		
Very Short	6	4
Short	24	20
Adequate	65	66
Surplus	5	10

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JULY 21, 2006					WEEK ENDING JULY 14, 2006				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	6	9	35	50	0	2	13	47	38
Soybeans	0	2	20	44	34	1	4	23	47	25
Pasture	0	6	30	49	15	1	4	29	56	10
Hay Crops	1	6	29	51	13	1	5	30	53	11
Tobacco	0	4	19	54	23	1	3	21	55	20

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 23, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JULY 21, 2006



KENTUCKY WEATHER SUMMARY, JULY 17 – 23, 2006:

Above Normal Temperatures and Near Normal Rainfall:

After experiencing above normal rainfall last week, near normal rainfall fell across the Bluegrass State this past week. High pressure dominated our weather during most of the work week as hot, dry, and humid conditions were felt. By Friday a cold front moved into the Ohio River Valley and brought cooler temperatures and rain across the State. Cool temperatures and clear skies made for a pleasant weekend.

Temperatures for the period averaged 79 degrees across the State which was 3 degrees above normal and the same as the previous week's average. High temperatures averaged from 90 in the West to 89 in the East. Departure from normal high temperatures ranged near normal in the West to 3 degrees above normal in the East. Low temperatures averaged from 69 degrees in the West to 69 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 4 degrees above normal in the East. Extreme temperatures ranged from a maximum in the upper 90s to a minimum in the upper 50s.

Precipitation (liq. equ.) for the period totaled 0.99 inches statewide which was 0.06 inches below normal. Precipitation totals by climate division, West 0.97 inches, Central 1.65 inches, Bluegrass 0.83 inches and East 0.53 inches, which was +0.04, +0.54, -0.23 and -0.60 inches respectively from normal. By station, precipitation totals ranged from a low of 0.10 inches at Cape Girardeau to a high of 2.74 inches at Louisville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JULY 23, 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	1.57	13.97	4.95	-1.75	+0.63	92	62	78.0	+2	184	1969	-8
Berea	0.50	13.46	2.05	-2.84	-1.89	92	62	79.0	+4	188	2032	+1
Bowling Green	0.77	13.80	3.26	-3.15	-0.95	95	63	80.6	+4	192	2189	+128
Bristol	0.14	13.84	2.63	-0.11	-1.17	94	61	76.8	+1	172	1890	+27
Buckhorn Lake	0.21	14.63	2.50	-0.97	-1.78	93	61	78.9	+3	185	2016	+236
Cape Girardeau	0.10	17.65	6.28	+1.93	+3.08	94	56	79.1	+1	185	2236	+68
Campbellsville	1.55	13.23	4.57	-4.84	-0.11	95	61	78.9	+3	184	1951	-50
Covington	1.23	15.19	2.69	+0.17	-1.10	92	62	78.1	+3	186	1872	+46
Cumberland Gap	0.68	13.10	1.42	-3.96	-3.20	93	61	78.9	+3	185	1982	+149
Dix Dam	0.81	13.46	3.23	-2.85	-1.06	91	62	78.1	+3	184	1908	-69
Evansville	0.72	19.19	6.29	+3.93	+2.71	93	59	79.3	+1	189	2149	+95
Glasgow	1.13	17.76	4.68	-0.39	-0.03	97	60	79.9	+4	188	2177	+206
Grayson	0.91	17.34	5.00	+2.00	+0.75	93	64	79.6	+4	191	1919	+200
Hardinsburg	2.17	17.94	6.35	+1.43	+2.18	93	61	78.4	+2	184	2007	-54
Henderson	1.27	17.43	6.73	+1.80	+3.06	94	59	78.7	+1	184	2014	-70
Huntington	0.78	17.43	6.31	+2.21	+2.04	94	64	80.0	+5	192	2004	+148
Jackson	0.25	14.97	3.78	-1.33	-0.75	92	63	79.5	+4	190	2047	+267
Lexington	0.51	15.97	5.53	+0.25	+1.21	91	62	77.8	+2	184	1923	+67
London	0.65	13.44	1.60	-1.89	-2.53	94	61	77.9	+2	177	1954	+121
Louisville	2.74	22.55	7.85	+6.89	+3.93	92	61	77.9	+2	184	1965	-89
Mayfield	1.25	15.45	4.82	-1.31	+0.93	93	61	78.9	+1	185	1982	-140
Nashville	0.60	13.76	2.77	-2.01	-0.77	99	65	82.4	+6	198	2365	+167
Nolin Lake	1.52	17.80	4.73	+0.12	+0.33	94	61	79.6	+3	188	2013	+119
Paducah	1.84	19.98	6.83	+2.87	+3.05	96	59	79.6	+2	187	2303	+158
Princeton	0.63	14.66	3.21	-2.13	-0.61	96	61	80.9	+3	190	2223	+109
Quicksand	0.25	13.15	3.76	-3.15	-0.77	93	61	78.9	+3	185	1978	+198
Somerset	0.50	15.26	3.34	-2.03	-0.99	95	61	77.6	+2	176	1909	-15
Spindletop	0.92	13.39	5.15	-2.33	+0.83	93	62	77.5	+2	178	1871	+15
Williamstown	0.99	17.99	5.73	+2.30	+1.74	92	62	78.1	+3	186	1846	-10

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.gwx.ca.uky.edu/>

CROP PROGRESS PERCENT FOR WEEK ENDING JULY 16, 2006

SOYBEANS SETTING PODS

State	Curr	Last Wk	2005	Avg
AR	42	24	36	23
IL	11	4	15	12
IN	5	0	11	11
IA	17	5	17	12
KS	9	4	8	9
KY	17	4	13	10
LA	71	68	57	48
MI	7	0	12	5
MN	6	0	3	3
MS	85	79	78	68
MO	9	3	11	7
NE	18	5	14	8
NC	3	1	0	1
ND	40	6	7	7
OH	4	1	9	7
SD	5	2	2	4
TN	39	19	45	19
WI	5	0	13	3
18 States	16	7	15	11

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

CORN SILKING

State	Curr	Last Wk	2005	Avg
CO	13	7	15	13
IL	78	40	79	62
IN	43	13	59	46
IA	46	8	33	25
KS	75	56	71	66
KY	75	71	77	74
MI	18	0	27	11
MN	36	4	17	15
MO	85	72	84	77
NE	60	27	55	38
NC	95	90	91	89
ND	30	7	7	9
OH	26	6	25	26
PA	38	5	31	23
SD	12	0	4	3
TN	96	90	90	93
TX	89	72	79	82
WI	14	1	17	8
18 States	51	23	46	38

These 18 States planted 93% of last year's corn acreage.

CORN DOUGH

State	Curr	Last Wk	2005	Avg
CO	0	NA	0	0
IL	9	NA	10	8
IN	2	NA	4	3
IA	0	NA	0	0
KS	20	NA	13	12
KY	7	NA	0	9
MI	0	NA	0	0
MN	0	NA	0	0
MO	22	NA	21	22
NE	4	NA	2	1
NC	44	NA	39	37
ND	0	NA	0	0
OH	1	NA	0	1
PA	0	NA	2	2
SD	0	NA	0	0
TN	20	NA	33	36
TX	56	NA	62	62
WI	0	NA	0	0
18 States	6	NA	6	6

These 18 States planted 93% of last year's corn acreage.

CROP CONDITION PERCENT FOR WEEK ENDING JULY 16, 2006

SOYBEANS

State	VP	P	F	G	EX
AR	4	17	36	34	9
IL	2	8	31	48	11
IN	2	7	30	53	8
IA	2	7	24	53	14
KS	1	8	35	52	4
KY	1	4	23	47	25
LA	5	16	41	38	0
MI	3	8	29	49	11
MN	4	11	33	42	10
MS	8	18	28	41	5
MO	2	10	35	47	6
NE	2	10	35	46	7
NC	0	2	17	70	11
ND	3	16	39	38	4
OH	3	9	27	45	16
SD	7	15	33	36	9
TN	2	6	21	56	15
WI	3	9	23	50	15
18 States	3	10	30	47	10
Prev Week	3	9	30	47	11
Prev Year	4	12	31	43	10

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

CORN

State	VP	P	F	G	EX
CO	3	7	16	45	29
IL	1	6	26	50	17
IN	1	6	28	53	12
IA	3	6	23	51	17
KS	3	9	34	45	9
KY	0	2	13	47	38
MI	2	8	27	49	14
MN	5	12	31	41	11
MO	2	7	25	55	11
NE	2	7	30	44	17
NC	0	1	11	63	25
ND	9	22	33	34	2
OH	2	6	22	47	23
PA	2	4	19	39	36
SD	10	17	31	32	10
TN	3	7	20	48	22
TX	25	21	35	16	3
WI	5	10	19	42	24
18 States	4	8	26	46	16
Prev Week	3	8	26	47	16
Prev Year	6	13	26	42	13

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

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