



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



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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TNS 19-02

AGRICULTURAL NEWS: The State averaged above normal temperatures and below normal rainfall during the past week. Main farm activities for the week included harvesting hay and many farmers were beginning to top and spray tobacco. Days suitable for fieldwork averaged 5.5 out of a possible seven days. **Topsoil moisture** as of Friday, July 26 was rated 17 percent very short, 36 percent short, 43 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 11 percent very short, 37 percent short, 49 percent adequate, and 3 percent surplus.

CORN: The reports on the corn crop remain mixed and expectations vary with the amount of rainfall. The condition of the crop was rated as 2 percent very poor, 13 percent poor, 31 percent fair, 41 percent good, and 13 percent excellent. Eighty-five percent of the corn crop was silking compared to 92 percent a year ago, and 85 percent for the five year average as of Sunday, July 28. Corn in the milk stage reached 58 percent compared to 68 percent a year ago, and 55 percent for the five year average. Thirty-six percent of the corn crop had reached the dough stage compared to 44 percent last year and 31 percent for the five year average.

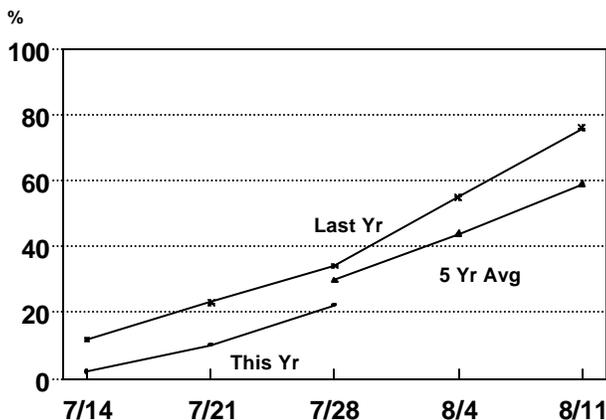
SOYBEANS: Forty-three percent of the soybean crop was blooming as of Sunday, July 28. Spraying soybeans for weeds continued to be reported in many areas. Crop condition was rated as 1 percent very

poor, 6 percent poor, 30 percent fair, 48 percent good, and 15 percent excellent. Twenty percent of the crop was setting pods as of July 29, compared with 40 percent last year, and the five year average of 28 percent.

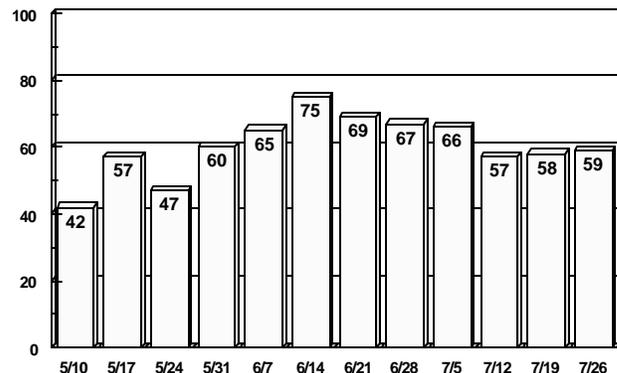
TOBACCO: Tobacco reports are starting to be more varied. The dark tobacco reports continue to be more optimistic than those for burley. Blue mold continued to be more prevalent in the eastern part of the State where weather conditions have been favorable for spread of the disease. Black shank was reported in all districts of the State. Condition of the set tobacco was reported as 3 percent very poor, 10 percent poor, 28 percent fair, 43 percent good, and 16 percent excellent. As of Sunday, July 28, 55 percent of the **burley** crop was blooming compared to 61 percent last year and the five year average of 52 percent. Twenty-two percent of the burley crop was topped compared to 34 percent last year and the five year average of 28 percent. Fifty-four percent of the **dark tobacco** crop was topped compared to 74 percent last year and the five year average of 56 percent.

OTHER CROPS: Cutting and baling **hay** and clipping pastures were reported widely in the State. Some areas of eastern Kentucky received heavy rains which made it difficult to make hay. Condition of the hay crop was reported as 4 percent very poor, 11 percent poor, 38 percent fair, 38 percent good, and 9 percent excellent.

BURLEY TOBACCO PERCENT TOPPED



BURLEY TOBACCO CONDITION
 % Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING JULY 28, 2002
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Blooming	43	69	52	33	59
Setting Pods	20	40	28	10	16
Corn					
Silking	85	92	85	70	51
Milk Stage	58	68	55	33	NA
Dough Stage	36	44	31	15	7
Burley Tobacco					
Blooming	55	61	52	30	NA
Topped	22	34	28	10	NA
Dark Tobacco					
Topped	54	74	56	27	NA

(NA) Data Not Available.

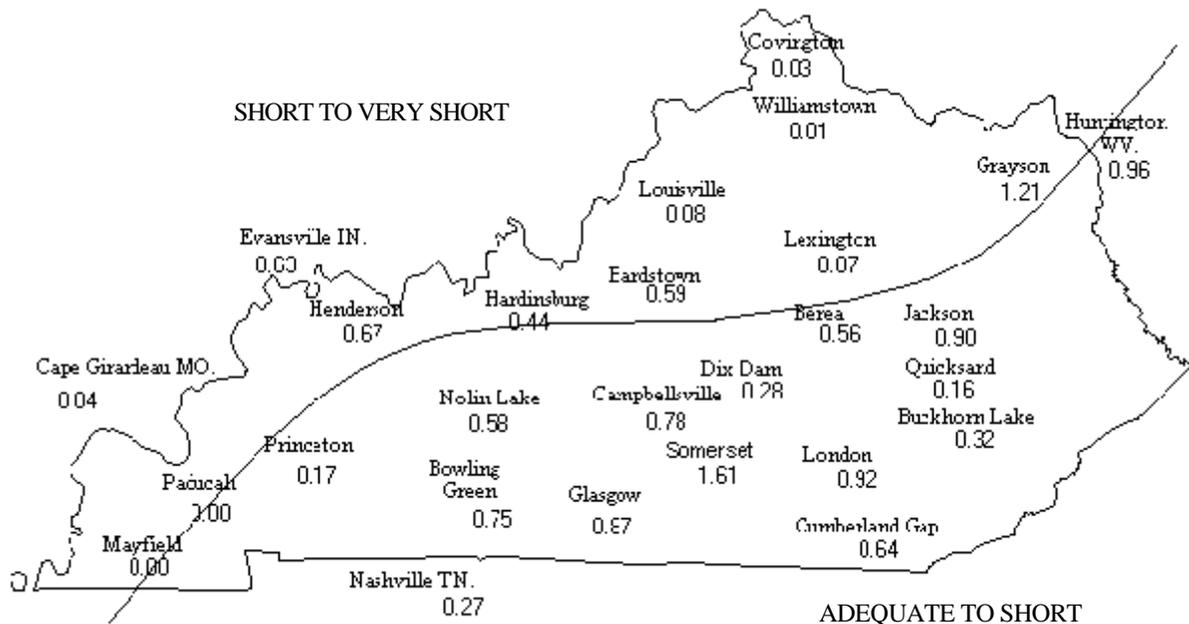
SOIL MOISTURE
WEEK ENDING JULY 26, 2002
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	17	12
Short	36	35
Adequate	43	47
Surplus	4	6
SUBSOIL		
Very Short	11	9
Short	37	41
Adequate	49	45
Surplus	3	5

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JULY 26, 2002					WEEK ENDING JULY 19, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	2	13	31	41	13	1	6	32	48	13
Soybeans	1	6	30	48	15	2	7	27	49	15
Pasture	8	15	33	36	8	4	14	33	40	9
Hay Crops	4	11	38	38	9	2	11	33	43	11
Tobacco	3	10	28	43	16	3	10	29	45	13

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 28, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JULY 26, 2002



KENTUCKY WEATHER SUMMARY, JULY 22 - 28, 2002:

ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Temperatures for the week averaged above normal for the State. Much of the week's temperatures were above normal with the exception the 23rd and 24th when temperatures were near normal as the result of cloud cover and spotty rainfall in the area due to a frontal system propagating slowly through the State. Rainfall was below normal for the week, with one rainfall event associated with the frontal passage early in the week, and a second late in the week resulting in rainfall mostly in southern and eastern parts of the State due to instability caused by very hot and humid air across the State coupled with a stationary front to the south of the State.

Temperatures for the period averaged 80 degrees across the State which was 4 degrees above normal and 2 degrees warmer than the previous week. High temperatures averaged from 91 in the West to 87 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 1 degree above normal in the East. Low temperatures averaged from 73 degrees in the West to 70 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 5 degrees above normal in the East.

Rainfall for the period totaled 0.45 inches statewide which was 0.61 inches below normal and 0.28 inches less than the previous week's total. Rainfall totals by climate division, West 0.25 inches, Central 0.55 inches, Bluegrass 0.16 inches and East 0.84 inches, which was 0.68, 0.55, 0.90 and 0.29 inches respectively below normal. By station, rainfall totals ranged from a low of 0.00 inches at Mayfield to a high of 1.61 inches at Somerset.

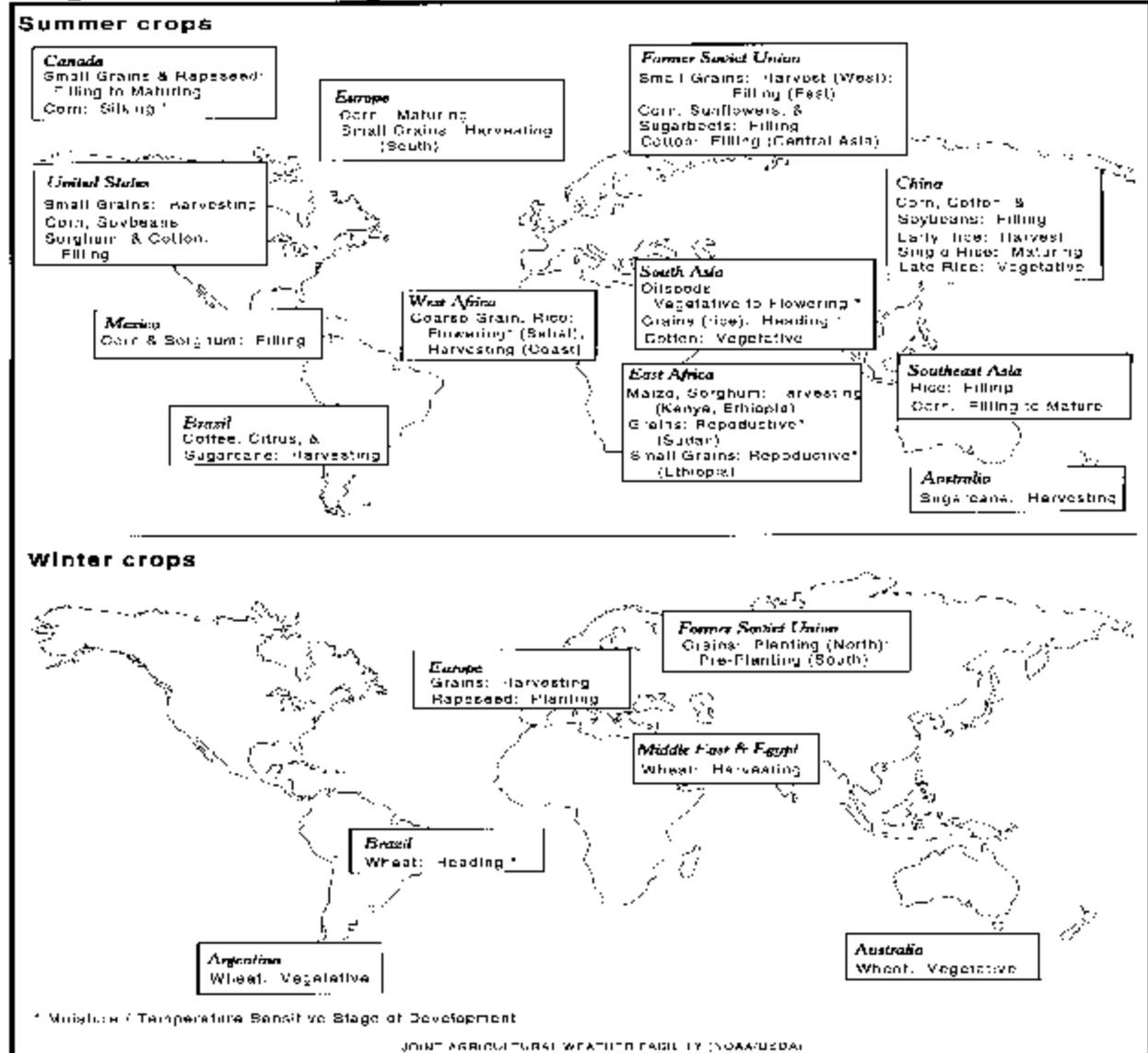
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 28, 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	0.59	21.65	4.08	+5.12	-0.44	91	66	80.2	+4	200	2296	+199
Berea	0.56	25.77	5.84	+8.76	+1.85	91	69	79.6	+4	198	2339	+183
Bowling Green	0.75	17.09	3.03	-0.62	-1.25	93	70	81.7	+6	207	2346	+160
Bristol	0.74	9.89	4.53	-4.75	+0.63	91	65	77.4	+2	182	2192	+214
Buckhorn Lake	0.32	16.83	4.41	+0.45	+0.04	91	67	78.8	+3	192	2192	+302
Cape Girardeau	0.04	22.00	0.79	+5.71	-2.41	96	69	82.5	+5	205	2422	+119
Campbellsville	0.78	20.80	5.07	+1.86	+0.22	92	70	80.4	+4	200	2377	+251
Covington	0.03	18.38	0.86	+2.68	-2.97	93	64	79.1	+4	192	2055	+109
Cumberland Gap	0.64	11.75	4.07	-6.16	-0.69	90	67	78.7	+3	190	2260	+312
Dix Dam	0.28	20.45	3.73	+3.34	-0.75	92	68	80.7	+5	202	2277	+180
Evansville	0.63	19.46	1.13	+3.55	-2.52	93	66	80.9	+3	203	2343	+159
Glasgow	0.87	19.69	5.17	+0.68	+0.37	93	69	81.1	+5	200	2480	+384
Grayson	1.21	16.11	3.45	-0.01	-0.94	91	68	79.3	+4	198	2184	+355
Hardinsburg	0.44	17.67	1.66	+0.39	-2.65	93	67	81.2	+5	206	2306	+120
Henderson	0.67	23.34	2.13	+7.05	-1.56	95	66	81.1	+3	201	2384	+170
Huntington	0.96	15.87	3.08	-0.14	-1.37	91	68	78.6	+3	193	2171	+195
Jackson	0.90	18.80	4.57	+1.66	-0.17	90	68	77.9	+2	190	2201	+311
Lexington	0.07	13.67	1.81	-2.86	-2.71	94	68	80.6	+5	201	2197	+221
London	0.92	14.91	3.56	-1.19	-0.74	90	67	78.1	+3	190	2171	+223
Louisville	0.08	17.42	0.81	+1.04	-3.26	94	66	80.4	+4	201	2280	+96
Mayfield	0.00	12.51	0.20	-4.98	-3.86	92	68	80.3	+2	201	2290	+43
Nashville	0.27	14.15	4.38	-2.26	+0.79	91	70	80.9	+5	202	2484	+151
Nolin Lake	0.58	16.86	2.44	-1.63	-2.12	93	70	81.9	+6	209	2300	+291
Paducah	0.00	18.31	1.40	+0.53	-2.38	96	70	83.6	+6	208	2460	+185
Princeton	0.17	18.65	2.01	+1.17	-1.86	97	69	83.0	+5	204	2518	+274
Quicksand	0.16	18.33	4.76	+1.19	+0.02	91	66	78.8	+3	193	2198	+308
Somerset	1.61	19.28	6.38	+1.20	+1.96	90	61	78.1	+3	189	2218	+179
Spindletop	0.00	11.91	0.91	-4.62	-3.61	94	66	80.2	+5	200	2138	+162
Williamstown	0.01	15.91	0.98	-0.51	-3.11	93	65	79.6	+4	191	2235	+259

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

August normal crop calendar



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to nass-state-releases@news.usda.gov with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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