



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:
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AGRICULTURAL NEWS: Farm work resumed this week as soils dried out. Small grain harvest got into full swing, hay harvest resumed and tobacco transplanting made good progress. Days suitable for fieldwork averaged 5.4 out of a possible six days. **Topsoil moisture** as of Friday, June 15 was rated 2 percent very short, 19 percent short, 74 percent adequate and 5 percent surplus. **Subsoil moisture** was rated 5 percent very short, 28 percent short, 63 percent adequate and 4 percent surplus. Seeding of double crop soybeans was underway as small grain harvest was completed. Despite recent rains, producers in Western Kentucky are hoping for more rain and cooler temperatures.

CORN: Almost all of the planted acreage had emerged and was in mostly good condition, with 2 percent poor, 14 percent fair, 56 percent good and 28 percent excellent. Few problems with insects and disease were reported. Tasseling was beginning in some southern areas.

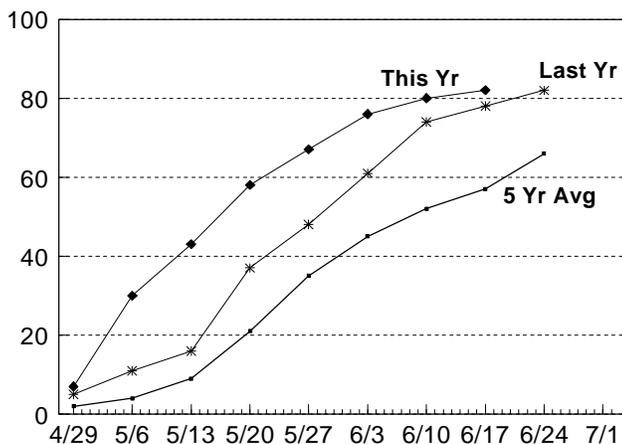
SOYBEANS: Almost all of the single crop soybeans have been planted and seeding double crop beans was underway as small grain harvest winds down. Seeding was 82 percent complete as of Sunday, June 17, compared with 78 percent last year, and the five-year average of 57 percent. About 80 percent of the crop had emerged by Sunday June 17, compared with 74 percent a year ago, and well ahead of the five-year average of 40 percent. Average height of emerged soybeans was 7 inches as of Friday, June 15. Condition was reported as 1 percent very poor, 3 percent poor, 19 percent fair, 61 percent good, and 16 percent excellent.

TOBACCO: Transplanting tobacco made progress as soils dried out. As of Sunday, June 17, 92 percent of the intended **burley** acreage had been set compared with 96 percent last year and 75 percent for the five-year average. Spot shortages of transplants were reported. Plants still in beds are growing large and disease problems are starting to show up. Ninety-seven percent of the **dark tobacco** acreage was set, unchanged from last year and ahead of the five year average of 83 percent. Disease and insect problems were minor in most areas. By Friday, June 15, 4 percent of set tobacco was over 24 inches, 21 percent was 12 - 24 inches and 75 percent was under 12 inches in height. Condition of set tobacco was reported as 4 percent poor, 27 percent fair, 57 percent good, and 12 percent excellent.

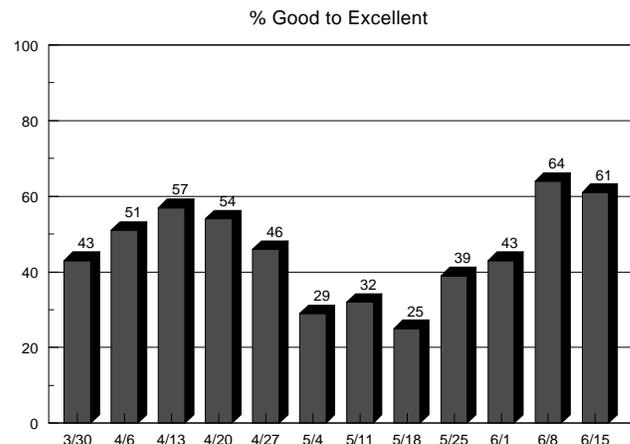
SMALL GRAINS: **Wheat** harvest was in full swing this week with 43 percent of the acreage harvested as of Sunday, June 17. Early yields and quality were generally quite good. **Barley** harvest was winding down with 95 percent of the acres harvested by Sunday June 17.

OTHER CROPS: **Hay** was being made as conditions permit. Curing conditions have not been ideal. Second cutting of **alfalfa** was well underway but quantities may be short due to lack of rain earlier in the year. Pasture conditions have improved with the recent moisture and are now rated as 2 percent very poor, 9 percent poor, 28 percent fair, 49 percent good and 12 percent excellent. **Sorghum** planting was 85 percent complete as of Sunday, June 17.

SOYBEAN PLANTING PROGRESS



PASTURE CONDITION



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 17, 2001
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Planted	82	78	57	80	86
Emerged	80	74	40	75	72
Burley Tobacco Set	92	96	75	78	NA
Dark Tobacco Set	96	97	83	80	NA
Wheat Harvested	43	36	17	5	8

(NA) Data Not Available.

SOIL MOISTURE

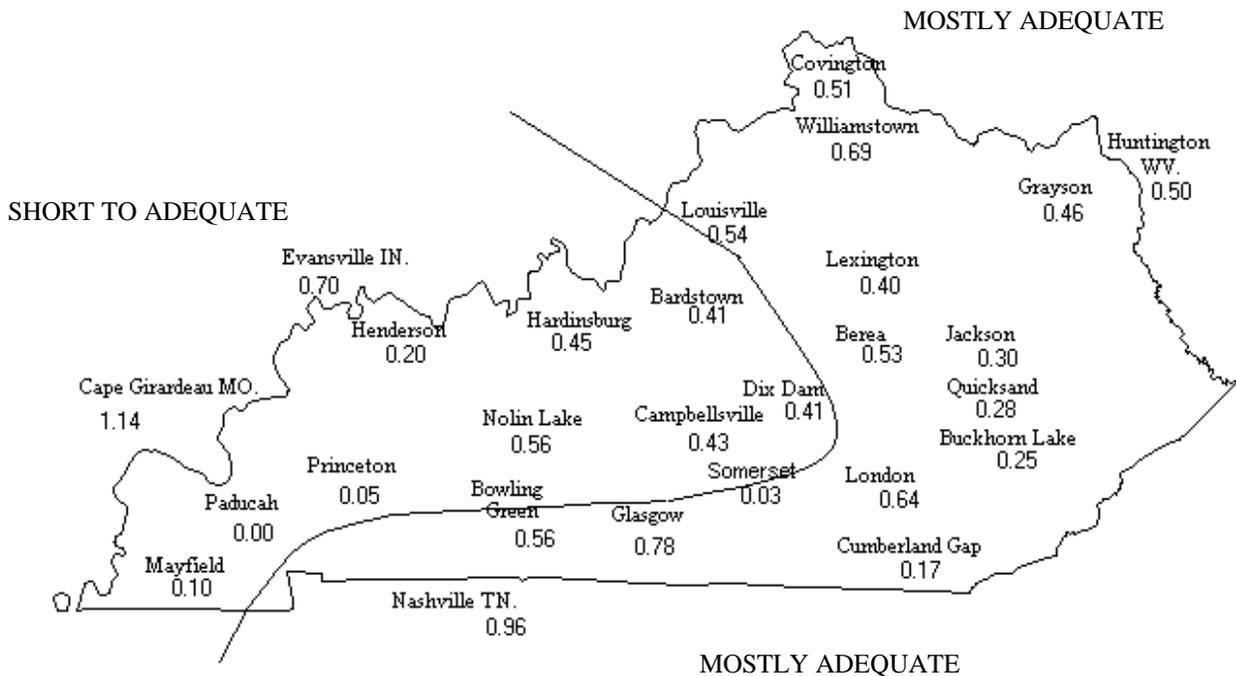
WEEK ENDING JUNE 15, 2001
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	2	0
Short	19	5
Adequate	74	64
Surplus	5	31
SUBSOIL		
Very Short	5	2
Short	28	18
Adequate	63	64
Surplus	4	16

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 15, 2001					WEEK ENDING JUNE 8, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	2	14	56	28	0	2	23	55	20
Soybeans	1	3	19	61	16	1	6	18	57	18
Pasture	2	9	28	49	12	1	8	27	48	16
Set Tobacco	0	4	27	57	12	1	6	27	56	10

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 17, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 15, 2001



KENTUCKY WEATHER SUMMARY, JUNE 11 - 17, 2001:

ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Hot and humid weather which caused high heat indices was the story last week across Kentucky with high temperatures in the upper 80s to low 90s and dewpoints at times in the 70s for much of the workweek. There were a few scattered thunderstorms with some storms becoming severe and causing minor damage to some areas and locally heavy rain. Yet, limited rainfall last week allowed enough drying that most farmers could resume agricultural activities. Due to the hot and humid conditions, the livestock heat stress index moved into the danger category several days.

Temperatures for the period averaged 76 degrees across the State which was 3 degrees ABOVE NORMAL. High temperatures averaged from 89 in the West to 86 in the East. Departure from normal high temperatures ranged from 2 degrees ABOVE NORMAL in the West to 3 degrees ABOVE NORMAL in the East. Low temperatures averaged from 65 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 2 degrees ABOVE NORMAL in the West to 1 degree ABOVE NORMAL in the East. Rainfall for the period totaled 0.43 inches statewide which was 0.46 inches BELOW NORMAL. Precipitation totals by climate division, West 0.36 inches, Central 0.55 inches, Bluegrass 0.50 inches and East 0.33 inches, which was 0.49, 0.37, 0.38 and 0.59 inches respectively BELOW NORMAL. By Kentucky station, precipitation totals ranged from a low of TRACE amounts at Paducah to a high of 0.78 inches at Glasgow.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 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	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.41	9.40	4.41	-1.02	+0.75	91	59	76.1	+3	175	1258	+119
Berea	0.53	9.66	7.16	-1.65	+3.21	88	55	74.0	+2	163	1242	+72
Bowling Green	0.56	9.26	5.21	-2.36	+1.09	93	59	76.9	+4	175	1374	+187
Bristol	0.00	7.06	4.06	-2.15	+0.67	89	54	73.1	+1	156	1167	+106
Buckhorn Lake	0.25	10.30	6.71	+0.09	+2.90	88	57	73.6	+1	160	1226	+199
Cape Girardeau	1.14	6.51	3.00	-5.08	-0.81	93	56	78.3	+3	179	1397	+162
Campbellsville	0.43	9.76	5.67	-2.53	+1.47	91	57	75.8	+3	171	1297	+144
Covington	0.51	10.32	5.25	+0.11	+1.56	89	59	75.3	+3	170	1142	+128
Cumberland Gap	0.17	7.24	3.99	-4.06	-0.13	89	53	73.8	+1	159	1259	+215
Dix Dam	0.41	9.36	5.39	-1.68	+1.63	89	58	75.1	+3	170	1244	+105
Evansville	0.70	7.36	4.13	-3.39	+0.47	92	59	77.5	+2	180	1358	+201
Glasgow	0.78	9.75	5.57	-2.47	+1.17	93	57	76.4	+3	170	1354	+244
Grayson	0.46	13.39	5.55	+3.32	+1.86	89	58	74.5	+2	166	1194	+228
Hardinsburg	0.45	8.91	4.17	-2.42	+0.29	92	62	77.1	+4	180	1342	+155
Henderson	0.20	6.81	3.07	-4.15	-0.69	91	58	76.5	+1	177	1364	+177
Huntington	0.50	13.26	5.31	+3.30	+1.70	90	57	74.2	+2	164	1184	+140
Jackson	0.30	8.65	5.72	-2.09	+1.97	87	58	74.1	+2	166	1218	+191
Lexington	0.40	8.96	3.95	-1.46	+0.29	90	61	76.1	+4	176	1249	+218
London	0.64	10.85	8.52	+0.62	+4.96	88	56	74.0	+2	163	1180	+136
Louisville	0.54	9.52	3.74	-1.29	+0.14	91	62	77.4	+4	183	1318	+161
Mayfield	0.10	6.05	3.88	-5.92	+0.19	90	59	75.7	+1	172	1276	+28
Nashville	0.96	9.77	6.34	-1.50	+2.59	91	60	77.0	+4	178	1407	+142
Nolin Lake	0.56	10.82	4.97	-1.41	+0.80	92	60	76.9	+4	177	1357	+252
Paducah	0.00	7.36	4.68	-4.88	+0.63	93	56	78.0	+3	183	1407	+172
Princeton	0.05	8.20	5.53	-3.74	+1.59	92	56	77.4	+2	174	1463	+246
Quicksand	0.28	11.27	7.61	+0.53	+3.86	88	58	73.7	+1	161	1222	+195
Somerset	0.03	9.64	6.11	-2.18	+1.91	90	55	74.7	+2	167	1243	+121
Spindletop	0.43	7.95	3.26	-2.47	-0.40	90	60	75.9	+3	174	1182	+151
Williamstown	0.69	10.29	5.52	-0.41	+1.82	90	60	76.2	+4	175	1223	+192

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/>

