



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Univ. of Ky - Agr'l Weather Center
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Cooperative Extension Service

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AGRICULTURAL NEWS: Limited farm work was possible during the week due to rain and saturated soils. Very heavy rain in Northern Kentucky caused considerable flooding and erosion problems at midweek. A few other areas had limited problems with standing water in low lying areas. Drier weather at the end of the week should allow farm work to resume. Days suitable for fieldwork averaged only 1.7 out of a possible six. **Topsoil moisture** as of Friday, June 8 was rated 5 percent short, 64 percent adequate and 31 percent surplus. **Subsoil moisture** was rated 2 percent very short, 18 percent short, 64 percent adequate and 16 percent surplus. Pastures and hay crops are recovering well from dry conditions earlier in the year. Rains came too late for fall seeded small grain crops, causing lodging damage just prior to harvest.

CORN: Almost all of the planted acreage had emerged and was in mostly good condition, with 2 percent poor, 23 percent fair, 55 percent good and 20 percent excellent. Few problems with insects and disease were reported.

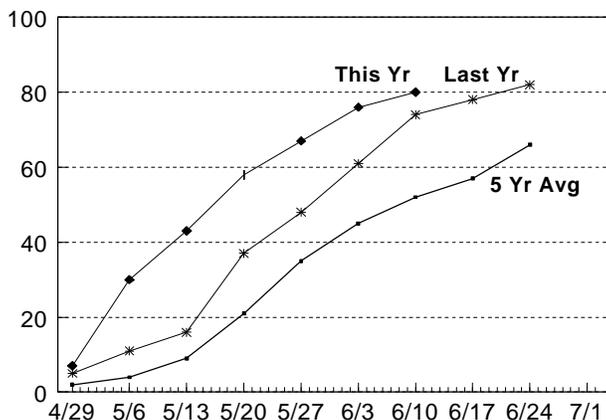
SOYBEANS: Eighty percent of the crop had been planted as of Sunday, June 10, compared with 74 percent seeded last year, and the five-year average of 52 percent. Seventy-five percent of the crop had emerged at weeks' end compared with 63 percent a year ago, and the five-year average of 31 percent. Average height of emerged soybeans was approaching 5 inches as of Friday, June 8. Condition was reported as 1 percent very poor, 6 percent poor, 18 percent fair, 57 percent good, and 18 percent excellent.

TOBACCO: Transplanting tobacco remains slow due to wet conditions. As of Sunday, June 10, 78 percent of the intended **burley** acreage had been set compared with 90 percent last year and 70 percent for the five-year average. Several producers reported problems with tobacco plants getting too big. A few reports of cold damage were received on early set tobacco. Eighty percent of the **dark tobacco** acreage was set, compared with 74 percent last year and the average of 76 percent. Disease and insect problems were minor in most areas. By Friday, June 8, 1 percent of set tobacco was over 24 inches, 12 percent was 12 - 24 inches and 87 percent was under 12 inches in height. Condition of set tobacco was reported as 1 percent very poor, 6 percent poor, 27 percent fair, 56 percent good, and 10 percent excellent.

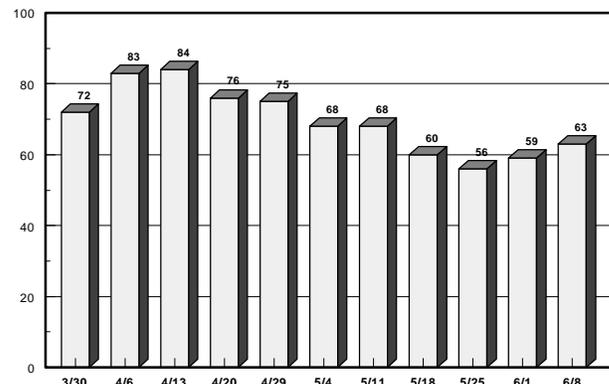
SMALL GRAINS: Lodging will be a problem for small grain producers in some areas of western Kentucky. **Barley** harvest advanced to 40 percent complete by Sunday June 10. **Wheat** harvest was getting underway with 5 percent of the acreage harvested as of Sunday, June 10. As of Friday, June 8 wheat condition was reported as 2 percent very poor, 8 percent poor, 27 percent fair, 50 percent good and 13 percent excellent.

OTHER CROPS: Pastures and hay crops have responded well to recent moisture, but unharvested hay crops are too mature and the quality of the crop will suffer. Armyworms continue to be a problem in hay and pasture fields in the West. Pasture condition was rated 1 percent very poor, 8 percent poor, 27 percent fair, 48 percent good and 16 percent excellent. Sorghum planting was 80 percent complete as of Sunday, June 10.

SOYBEAN PLANTING PROGRESS



WHEAT CONDITION
% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING JUNE 10, 2001
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn Emerged	99	98	90	99	90
Soybeans Planted	80	74	52	76	80
Soybeans Emerged	75	63	31	72	59
Wheat Harvested	5	9	4	2	3
Burley Tobacco Set	78	90	70	70	NA
Dark Tobacco Set	80	94	76	76	NA

(NA) Data Not Available.

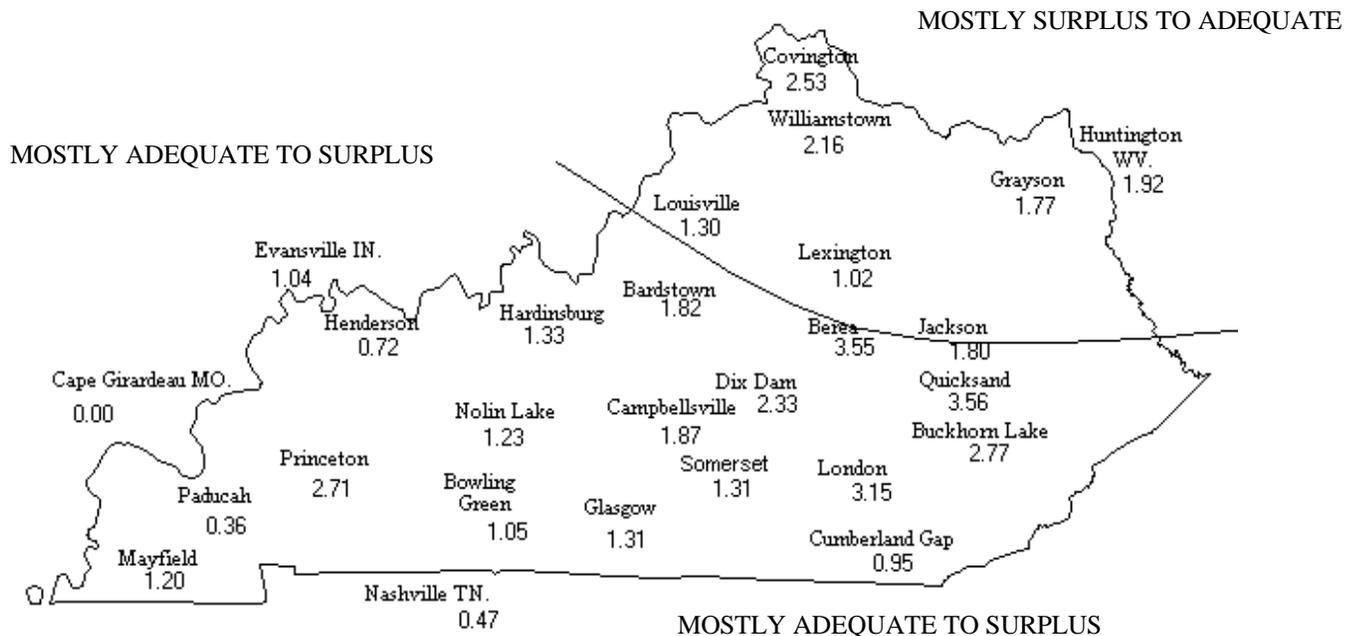
SOIL MOISTURE
WEEK ENDING JUNE 8, 2001
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	1
Short	5	12
Adequate	64	73
Surplus	31	14
SUBSOIL		
Very Short	2	6
Short	18	31
Adequate	64	57
Surplus	16	6

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 8, 2001					WEEK ENDING JUNE 1, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	2	23	55	20	1	4	21	58	16
Soybeans	1	6	18	57	18	1	4	29	53	13
Wheat	2	8	27	50	13	1	7	33	50	9
Pasture	1	8	27	48	16	4	12	41	35	8
Tobacco Set	1	6	27	56	10	1	5	31	55	8

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 10, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 8, 2001



KENTUCKY WEATHER SUMMARY, JUNE 4 - 10, 2001:
BELOW NORMAL TEMPERATURES AND ABOVE NORMAL RAINFALL:

Rainfall through Thursday of last week continued interruptions to field activities from the previous week. Much needed drier and warmer weather finished off the workweek. Rainfall for the past 30 days has been significant, such that moisture is adequate for agricultural purposes for all of the State, and abnormally wet for the eastern three-quarters of the State. Sections of West Kentucky however, continued to receive less rainfall than the remainder of the State and is 6 to 8 inches BELOW NORMAL for the year.

Temperatures for the past week averaged 71 degrees across the State which was 1 degree BELOW NORMAL and 8 degrees warmer than the previous week. High temperatures averaged from 83 in the West to 79 in the East. Departure from normal high temperatures ranged from 3 degrees BELOW NORMAL in the West to 3 degrees BELOW NORMAL in the East. Low temperatures averaged from 62 degrees in the West to 60 degrees in the East. Departure from normal low temperature were NEAR NORMAL across the entire State. Extreme high temperatures were in the mid 80's and extreme low temperatures were in the low to mid 50's. Rainfall for the past week totaled 1.63 inches statewide which was 0.74 inches ABOVE NORMAL. Rainfall totals by climate division, West 1.00 inches, Central 1.34 inches, Bluegrass 2.04 inches and East 2.15 inches, which was 0.15, 0.42, 1.16 and 1.24 inches respectively ABOVE NORMAL. By Kentucky weather station, rainfall totals ranged from a low of 0.36 inches at Paducah to a high of 3.56 inches at Quicksand.

Tom Priddy

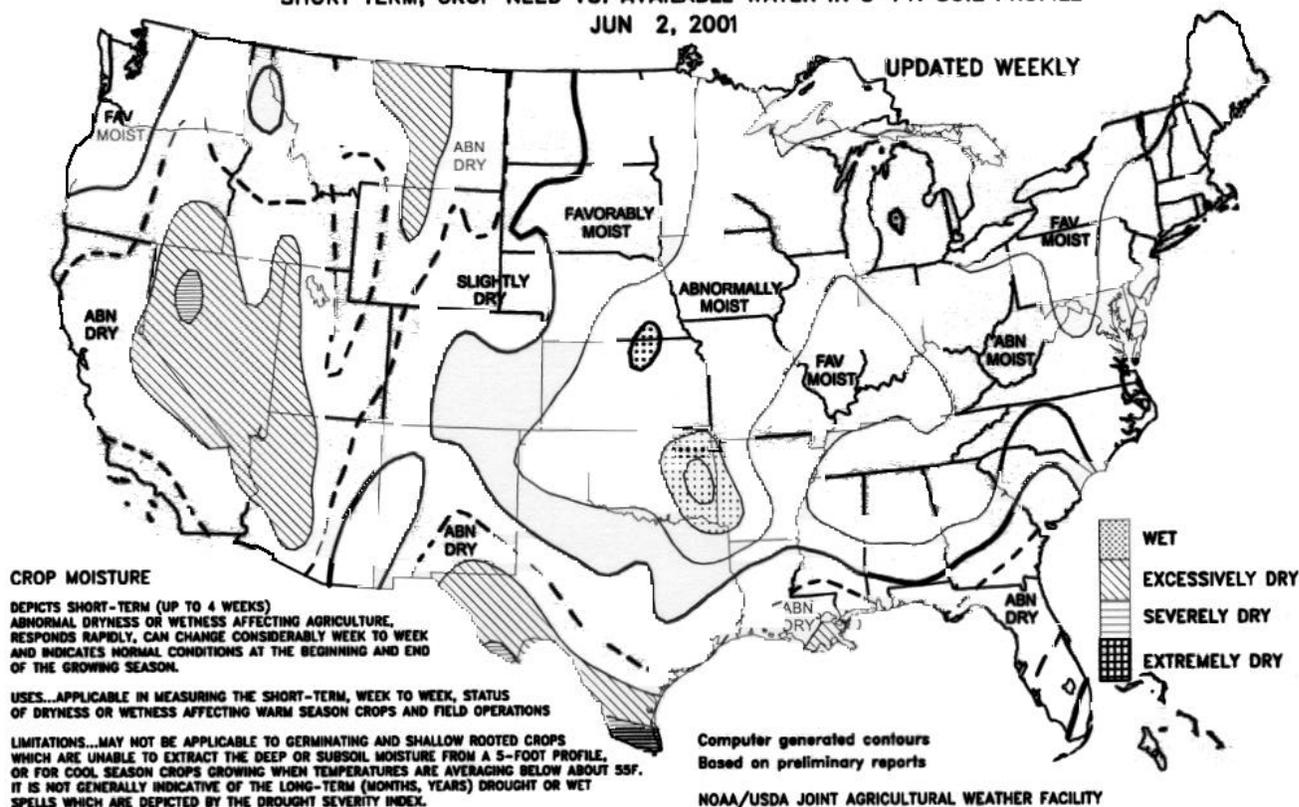
KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, JUNE 10, 7:00 P.M.

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	1.82	8.99	4.94	-0.58	+1.12	84	56	70.4	-2	142	1083	+98
Berea	3.55	9.13	6.92	-1.26	+2.81	85	50	69.4	-2	133	1079	+63
Bowling Green	1.05	8.70	4.68	-1.95	+0.42	87	55	73.9	+2	163	1199	+173
Bristol	0.69	7.06	4.63	-1.32	+1.19	84	53	70.1	-1	138	1011	+97
Buckhorn Lake	2.77	10.05	7.21	+0.81	+3.44	85	54	70.6	-0	143	1066	+172
Cape Girardeau	0.00	5.37	2.49	-5.41	-1.68	86	55	73.6	-0	163	1218	+151
Campbellsville	1.87	9.33	5.70	-1.99	+1.30	86	53	71.5	-0	148	1126	+120
Covington	2.53	9.81	6.88	+0.50	+3.11	81	52	67.1	-4	119	972	+98
Cumberland Gap	0.95	7.07	4.12	-3.24	-0.09	85	51	70.4	-1	141	1100	+196
Dix Dam	2.33	8.95	5.98	-1.23	+2.00	84	53	70.2	-1	139	1074	+89
Evansville	1.04	6.66	4.90	-3.27	+0.98	86	58	72.5	-1	155	1178	+182
Glasgow	1.31	8.97	5.20	-2.17	+0.73	88	52	72.8	+1	157	1184	+228
Grayson	1.77	12.93	10.41	+3.76	+6.66	82	53	67.9	-3	122	1028	+195
Hardinsburg	1.33	8.46	4.27	-1.98	+0.18	86	55	71.8	-0	150	1162	+136
Henderson	0.72	6.61	3.65	-3.46	-0.26	85	49	71.2	-3	147	1187	+161
Huntington	1.92	12.76	10.86	+3.67	+7.15	82	52	67.0	-4	118	1020	+116
Jackson	1.80	8.35	6.09	-1.50	+2.22	82	55	69.4	-2	134	1052	+158
Lexington	1.02	8.56	6.11	-1.01	+2.29	84	55	70.6	-0	143	1073	+189
London	3.15	10.21	7.88	+0.82	+4.20	85	52	70.1	-1	138	1017	+113
Louisville	1.30	8.98	3.93	-1.02	+0.09	86	56	70.9	-1	143	1135	+139
Mayfield	1.20	5.95	4.28	-5.23	+0.25	84	54	70.9	-3	143	1104	+17
Nashville	0.47	8.81	5.39	-1.63	+1.37	88	58	73.5	+2	162	1229	+132
Nolin Lake	1.23	8.90	4.62	-2.42	+0.13	87	55	73.1	+1	159	1184	+219
Paducah	0.36	7.36	5.04	-3.94	+0.82	86	57	73.3	-1	162	1224	+157
Princeton	2.71	8.15	5.48	-2.89	+1.32	86	56	73.4	-0	162	1289	+233
Quicksand	3.56	10.99	8.21	+1.14	+4.34	85	55	70.9	-0	145	1061	+167
Somerset	1.31	9.61	6.21	-1.22	+1.85	85	51	70.8	-0	144	1076	+101
Spindletop	0.64	7.52	4.75	-2.05	+0.93	84	54	69.3	-2	133	1008	+124
Williamstown	2.16	9.60	7.38	-0.22	+3.56	84	54	68.9	-2	129	1048	+164

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/>

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
JUN 2, 2001

UPDATED WEEKLY



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