



**NATIONAL
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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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AGRICULTURAL NEWS: It has rained nearly continuously this past week throughout the Commonwealth. With all of the rain that has been received this month, almost all of the farming activities that would be going on right now are behind. If farmers were able to get into their fields this past week, the majority of the fieldwork included harvesting wheat, setting tobacco, cutting and baling hay, and planting soybeans. **Topsoil moisture** was rated as 2 percent short, 69 percent adequate, and 29 percent surplus. **Subsoil moisture** was rated as 3 percent short, 73 percent adequate, and 24 percent surplus. There were 2.9 days, out of a possible 7 suitable for fieldwork.

CORN: Despite some of the corn starting to yellow due to the rains, the corn crop throughout the State improved from last week. The emerged corn condition was rated 5 percent poor, 20 percent fair, 57 percent good, and 18 percent excellent.

SOYBEANS: Soybean planting made progress and was 74 percent complete, although still behind last year's 80 percent, and the five year average of 86 percent. Soybeans emerged was reported at 70 percent, compared with last year's 71 percent, but also well behind the five year average of 80 percent. The emerged soybean height was 6 inches high. Soybean condition was rated as 2 percent poor, 23 percent fair, 53 percent good, and 22 percent excellent.

TOBACCO: Farmers were setting tobacco when the rains permitted. As of Sunday June 21, 88 percent of burley tobacco acreage had been set, compared with 91 percent last year and the five year average of 93 percent. Dark tobacco set advanced to 91 percent complete, same as last year, but behind the five year average of 94 percent. Farmers reported the tobacco crop condition as 2 percent poor, 27 percent fair, 55 percent good and 16 percent excellent. Sixty-six percent of set tobacco was under 12 inches high, 31 percent between 12 and 24 inches, and 3 percent was over 24 inches high.

SMALL GRAINS: As of June 21, 27 percent of the wheat has been harvested, behind both last year's 33 percent and the five year average of 41 percent. Farmers are reporting that disease and excessive rains are causing low test weights and yields for the wheat crop.

OTHER CROPS AND PASTURE: Hay production throughout the state is behind, and is being cut when the fields are dry enough for farmers to get in them. In some areas hay production has come to a halt due to the wet fields. As of June 21, 18 percent of the second cutting of alfalfa hay has been completed. Pasture conditions remained the same from last week with 1 percent rated as very poor, 4 percent poor, 23 percent fair, 52 percent good, and 20 percent excellent.

CROP PROGRESS for week ending 06/21/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Soybeans Planted	74	67	80	86
Soybeans Emerged	70	50	71	80
Soybeans Blooming	0	NA	0	1
Wheat Harvested	27	7	33	41
Burley Tobacco Set	88	84	91	93
Dark Tobacco Set	91	80	91	94

SOIL MOISTURE for week ending 06/21/09

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	2	69	29
Subsoil	0	3	73	24

CROP CONDITIONS for week ending 06/21/09

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	0	5	20	57	18
Soybeans	0	2	23	53	22
Pasture	1	4	23	52	20
Tobacco	0	2	27	55	16

KENTUCKY WEATHER SUMMARY, JUNE 15 - 21, 2009:

Above normal temperatures and rainfall:

Abundant rainfall and warm temperatures were the story during the final week of Spring. A frontal boundary stalled out over the Ohio Valley and caused showers and thunderstorm nearly every day. The Bluegrass State was on the warm side of the frontal boundary for much of the week, which in turn caused above normal temperatures for the 6th week out of the past 9.

Temperatures for the period averaged 77 degrees across the state which was 3 degrees above normal. High temperatures averaged from 87 in the West to 83 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 0 degrees from normal in the East. Low temperatures averaged from 68 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 0 degrees above normal in the East.

Rainfall for the period totaled 1.83 inches statewide which was 0.93 inches above normal. Rainfall totals by climate division, West 1.76 inches, Central 1.78 inches, Bluegrass 1.49 inches and East 2.13 inches, which was 1.05, 0.89, 0.49 and 1.17 inches respectively above normal. By station, precipitation totals ranged from a low of 0.13 inches at Henderson to a high of 4.76 inches at Princeton.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 21, 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	2.30	17.84	7.30	+6.93	+3.73	90	64	76.6	+3	180	1272	+45
Berea	0.72	13.48	4.71	+1.64	+0.86	89	64	76.0	+3	177	1195	-63
Bowling Green	0.57	17.01	8.03	+4.83	+4.00	94	67	80.3	+6	195	1384	+105
Bristol	1.61	9.89	3.66	+0.21	+0.30	88	62	73.9	+1	165	1217	+72
Buckhorn Lake	1.46	10.30	5.14	-0.47	+1.31	88	65	74.8	+2	171	1211	+108
Cape Girardeau	0.76	12.55	4.61	+0.50	+1.01	95	66	80.4	+5	192	1357	+26
Campbellsville	0.27	15.36	4.83	+2.52	+0.75	90	65	77.1	+3	183	1207	-30
Covington	1.17	11.90	5.60	+1.18	+1.95	90	63	75.9	+3	178	1179	+85
Cumberland Gap	2.66	13.83	5.77	+1.96	+1.70	90	64	74.6	+2	168	1216	+92
Dix Dam	0.89	14.35	5.22	+2.82	+1.58	91	65	76.2	+3	177	1153	-74
Evansville	0.56	15.56	4.83	+4.35	+1.31	96	67	79.9	+4	191	1340	+91
Glasgow	0.69	18.05	7.40	+5.22	+3.04	94	64	78.8	+5	188	1366	+168
Grayson	0.17	13.39	6.10	+2.81	+2.45	89	64	74.3	+1	166	1139	+97
Hardinsburg	2.30	17.39	4.66	+5.56	+0.91	92	65	77.5	+4	182	1223	-56
Henderson	0.13	13.24	3.91	+1.78	+0.23	94	65	78.4	+3	185	1226	-53
Huntington	0.58	14.84	6.96	+4.39	+3.41	90	62	76.4	+3	181	1206	+82
Jackson	2.24	17.82	5.77	+6.57	+2.08	89	64	75.4	+2	173	1221	+118
Lexington	0.74	14.68	6.19	+3.77	+2.62	91	65	76.6	+4	180	1203	+88
London	1.83	18.05	7.22	+7.34	+3.72	90	62	75.9	+3	176	1246	+122
Louisville	2.39	15.82	8.24	+4.55	+4.77	91	65	78.1	+4	186	1304	+55
Mayfield	0.49	9.39	2.39	-3.03	-1.10	92	65	79.4	+4	190	1243	-97
Nashville	0.84	16.68	4.54	+4.93	+0.94	94	68	81.6	+8	203	1440	+79
Nolin Lake	0.90	17.93	6.52	+5.18	+2.54	91	64	76.9	+3	180	1252	+67
Paducah	1.15	13.57	5.20	+0.79	+1.25	97	65	81.4	+6	196	1423	+92
Princeton	4.76	19.43	8.34	+6.98	+4.53	93	65	79.6	+4	190	1358	+49
Quicksand	1.52	16.51	5.05	+5.26	+1.36	90	64	75.4	+2	171	1204	+101
Somerset	0.89	15.16	4.27	+2.77	+0.16	88	66	76.9	+4	183	1208	+2
Spindletop	0.91	12.94	5.35	+2.03	+1.78	93	65	77.3	+4	182	1184	+69
Williamstown	1.34	17.63	8.00	+6.43	+4.37	89	64	75.4	+2	175	1131	+16

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.wagwx.ca.uky.edu/>