



**NATIONAL  
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STATISTICS  
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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:** Weather for the past week consisted of higher than normal rainfall. Precipitation for the week totaled 1.91 inches, 0.92 inches above normal for this point in the season. Temperature for the week averaged 76 degrees, 1 degree warmer than normal. **Topsoil moisture** was rated 4 short, 75 percent adequate and 21 percent surplus. **Subsoil moisture** was rated, 4 percent short, 81 percent adequate, and 15 percent surplus. Days suitable for fieldwork averaged 4.2 out of a possible seven. The wheat harvest and soybean planting continued but was delayed in some areas due to the torrential rains that we experienced this week. Also, there were also some reports of decreased quality of hay because of late cutting due to the rains.

**Crops:** The **corn** crop was 13 percent tasseled compared to 65 percent last year and the five year average of 33 percent. Corn silking was rated at 5 percent in comparison to 45 percent last year and the five year average of 21 percent. Condition of the corn crop was rated as 1 percent very poor, 2 percent poor, 15 percent fair, 57 percent good, and 25 percent excellent. **Soybean** planting reached 88 percent complete which trails last years progress at 100 percent and the five year average of 95 percent. The soybean crop is 71 percent emerged compared to 100 percent last year and the five year average of 89 percent. Condition of the soybean crop was rated 1 percent very poor, 2 percent poor, 16 percent fair, 65 percent good, and 16 percent excellent.

**Tobacco:** Ninety-five percent of Burley tobacco has been set compared to 99 percent last year and 100 percent for the five year average. Dark tobacco is 98 percent set, behind last year at 99 percent and the five year average of 100 percent. Condition of set tobacco was rated as 1 percent very poor, 2 percent

poor, 19 percent fair, 56 percent good, and 22 percent excellent. Tobacco height is at 54 percent under 12 inches, 37 percent at 12-24 inches and 9 percent over 24 inches.

**Small Grains:** Winter **wheat** crop harvested reached 66 percent compared to 99 percent last year and the five year average of 84 percent.

**Pasture:** Pasture condition was reported as 1 percent very poor, 2 percent poor, 20 percent fair, 57 percent good, and 20 percent excellent.

### CROP PROGRESS for week ending 06/30/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Tasseling	13	2	65	33
Corn Silking	5	N/A	45	21
Soybeans Planted	88	77	100	95
Soybean Emerged	71	60	100	89
Wheat Harvested	66	29	99	84
Tobacco Dark Set	98	89	99	100
Tobacco Burley Set	95	90	99	100

### SOIL MOISTURE for week ending 06/30/13

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	-	4	75	21
Subsoil	-	4	81	15

### CROP CONDITIONS for week ending 06/30/13

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	1	2	15	57	25
Soybeans	1	2	16	65	16
Pasture	1	2	20	57	20
Tobacco Set	1	2	19	56	22

# KENTUCKY WEATHER SUMMARY, JUNE 24 – JUNE 30, 2013:

Above Normal Temperatures and Well Above Normal Rainfall:

Extremely wet conditions soaked the Bluegrass State this past week as an average of nearly 2 inches fell across the Commonwealth. The Bluegrass Region was the overall winner with almost 3 inches coming down, which was around 2 inches above normal. Numerous rounds of showers and thunderstorms soaked Kentucky, with the most prominent system coming Wednesday and into the overnight. An upper level disturbance diving into the state made way for a very warm, humid, and unstable environment. Temperatures on Wednesday rose into the mid to upper 80s with dew points peaking in the low 70s. A line of storms formed later that evening with strong winds and heavy rainfall the primary threats. An EF2 tornado did touch down in LaRue County with winds estimated between 100 and 135 mph. As a side note, the state averaged 6.01 inches of rainfall this past month. This is in comparison to the drought of 2012, where only 0.88 inches fell across the Commonwealth.

Temperatures for the period averaged 76 degrees across the state which was 1 degree warmer than normal and 2 degrees warmer than the previous period. High temperatures averaged from 87 in the West to 84 in the East. Departure from normal high temperatures ranged from 1 degree cooler than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 69 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 3 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 100 degrees at POPLAR BLUFF ASOS and the extreme low was 27 degrees at FORT CAMPBELL.

Precipitation (liq. equ.) for the period totaled 1.91 inches statewide which was 0.92 inches above normal and 193% of normal. Precipitation totals by climate division, West 1.76 inches, Central 1.48 inches, Bluegrass 2.95 inches and East 1.44 inches, which was 0.78, 0.5, 1.98 and 0.41 inches above normal. By station, precipitation totals ranged from a low of 0.01 inches at BOWLING GREEN APT to a high of 6.84 inches at MADISONVILLE 4S.

-Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, June 30, 7:00 P.M.

Weather Station	Rainfall			Dev. From Norm		Air Temperature			Growing Degree Days			
	Since Last Week	Last April 1	Last Four Wks.	Since Apr 1	Norm Last 4 Wks.	Hi	Lo	Avg.	Dev. From Norm	Last Week	Since Apr 1	
	(Inches)	(Inches)	(Inches)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	(Degrees F)	
Bardstown	4.09	13.15	5.99	+1.14	+2.57	91	60	76	+1	180	1414	-49
Berea	2.49	15.47	6.49	+2.45	+2.80	88	62	75	+1	175	1334	-172
Bowling Green	0.01	13.99	1.52	+0.56	-2.37	94	64	80	+5	210	1654	+139
Bristol	2.54	16.68	7.96	+5.94	+4.66	86	60	74	0	168	1282	-89
Buckhorn Lake	0.63	14.17	6.65	+2.16	+2.78	85	61	74	0	170	1362	+40
Cape Girardeau	0.10	16.14	4.37	+3.05	+1.13	97	63	80	+3	213	1566	-32
Campbellsville	0.29	14.66	4.01	+0.57	+0.13	90	61	75	0	178	1368	-112
Covington	2.35	14.39	6.00	+2.52	+2.42	90	62	75	+1	176	1404	+92
Cumberland Gap	1.06	16.66	6.59	+3.51	+2.61	85	61	74	0	166	1358	-8
Dix Dam	3.68	17.26	7.13	+4.63	+3.70	87	62	74	0	170	1364	-83
Evansville	5.40	16.43	6.30	+4.17	+3.04	93	64	78	+1	200	1532	+33
Glasgow	2.45	16.71	3.91	+2.50	-0.38	89	62	76	+1	185	1467	+12
Grayson	2.54	11.89	5.05	+0.16	+1.47	88	58	74	0	169	1303	+41
Hardinsburg	1.06	15.80	3.31	+2.83	-0.23	89	61	76	+1	182	1446	-87
Henderson	2.08	14.20	4.97	+1.60	+1.43	90	61	77	0	190	1516	-38
Huntington	2.93	9.98	5.67	-1.58	+2.22	91	61	76	+2	180	1453	+78
Jackson	1.09	14.23	5.99	+1.83	+2.42	86	63	75	+1	172	1412	+90
Lexington	3.60	17.63	6.95	+5.62	+3.53	90	63	77	+3	186	1472	+94
London	2.40	18.07	6.69	+6.27	+3.31	86	62	74	0	171	1338	-50
Louisville	3.25	11.99	4.14	-0.32	+0.91	93	65	78	+3	199	1654	+173
Mayfield	3.06	22.63	5.70	+9.20	+2.55	92	61	78	+1	200	1538	-50
Nashville	0.01	14.55	3.77	+1.73	+0.44	96	61	80	+5	212	1646	+4
Nolin Lake	2.32	14.84	3.62	+0.91	-0.04	92	62	78	+3	200	1595	+197
Paducah	1.46	18.81	3.53	+4.81	-0.25	94	61	80	+3	208	1554	-20
Princeton	1.72	17.53	4.98	+3.92	+1.39	91	58	77	0	191	1502	-86
Quicksand	1.88	13.97	6.05	+1.57	+2.48	87	62	75	+1	174	1338	+16
Somerset	1.06	13.88	4.10	+0.22	+0.14	89	61	75	+1	176	1334	-85
Spindletop	3.13	17.01	7.25	+5.00	+3.83	87	61	73	-1	160	1326	-52
Williamstown	3.17	15.53	6.20	+3.20	+2.68	88	60	74	0	169	1337	-17