



**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: Exceptionally wet conditions throughout the state hampered field activity for most of the week. Precipitation for the week totaled 3.55 inches, 2.56 inches above normal for this point in the season. Temperature for the week averaged 72 degrees, 4 degrees cooler than normal. **Topsoil moisture** was rated 44 percent adequate and 56 percent surplus. **Subsoil moisture** was rated 56 percent adequate, and 44 percent surplus. Days suitable for fieldwork averaged 2.0 out of a possible seven.

Crops: As of Sunday, July 7, the **corn** crop was 34 percent tasseled, trailing both last year at 81 percent and the five year average of 49 percent. Corn silking was rated at 16 percent compared to 63 percent last year and the five year average of 38 percent. Condition of the corn crop was rated as 1 percent very poor, 2 percent poor, 13 percent fair, 52 percent good, and 32 percent excellent. **Soybean** planting reached 95 percent complete which trails last year at 100 percent and the five year average of 100 percent. The soybean crop was 83 percent emerged compared to 100 percent last year and the five year average of 95 percent. Soybean blooming was 4 percent complete, compared to 35 percent last year and the five year average of 21 percent. Average soybean height for the state was 11 inches. Condition of the soybean crop was rated 1 percent very poor, 2 percent poor, 14 percent fair, 60 percent good, and 23 percent excellent.

Tobacco: Nine percent of Burley tobacco was blooming compared to 17 percent last year and 7 percent for the five year average. Dark tobacco had 12 percent blooming, behind last year at 45 percent and the five year average of 15 percent. Condition of set tobacco was rated as 2 percent very poor, 4 percent poor, 21 percent fair, 56 percent good, and

17 percent excellent. Damage to the tobacco crop due to heavy rainfall was reported throughout the state.

Small Grains: As of July 7, 84 percent of the winter **wheat** crop had been harvested compared to 100 percent last year and the five year average of 95 percent.

Pasture: Pasture condition was reported as 1 percent very poor, 3 percent poor, 16 percent fair, 57 percent good, and 23 percent excellent.

CROP PROGRESS for week ending 07/08/12

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Tasseling	34	13	81	49
Corn Silking	16	5	63	38
Soybeans Planted	95	88	100	100
Soybeans Emerged	83	71	100	95
Soybeans Blooming	4	N/A	35	21
Tobacco Dark Blooming	12	N/A	45	15
Tobacco Burley Blooming	9	N/A	17	7

SOIL MOISTURE for week ending 07/08/12

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	-	-	44	56
Subsoil	-	-	56	44

CROP CONDITIONS for week ending 07/08/12

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn	1	2	13	52	32
Soybeans	1	2	14	60	23
Pasture	1	3	16	57	23
Tobacco Set	2	4	21	56	17

KENTUCKY WEATHER SUMMARY, JULY 1 - 7, 2013:

Below Normal Temperatures and Well Above Normal Rainfall:

Exceptionally wet conditions were in place across the Bluegrass State for the second straight week. Kentucky was wedged between an upper level low pressure system to the west and a Bermuda high to the east for much of the period. This placed the state in a southerly flow pattern with an abundant amount of moisture pushing north from the Gulf of Mexico. Showers were scattered in coverage to start the work week before becoming more widespread by the 4th of July. This put a damper on most activities across mainly central and Bluegrass portions of the state as areas received anywhere from 1 to around 3 inches of steady light to moderate rainfall. Widespread showers continued into the early part of the weekend before becoming mostly dry on Sunday. Over the course of the week, the Bluegrass State averaged over 3.5 inches of rainfall, which is over 2.5 inches above normal. Putting this into perspective, Kentucky normally only sees 4.5 inches for the entire month of July. This was the wettest week since mid-April of 2011. Dense cloud cover accompanied the rainfall for much of the week and in turn, temperatures were well below normal. High temperatures hovered in the upper 70s to low 80s, which were on average, 8 degrees below normal. The state has not seen a deviation of this magnitude since the end of March.

Temperatures for the period averaged 72 degrees across the state which was 4 degrees cooler than normal and 4 degrees cooler than the previous period. High temperatures averaged from 80 in the West to 81 in the East. Departure from normal high temperatures ranged from 9 degrees cooler than normal in the West to 5 degrees cooler than normal in the East. Low temperatures averaged from 64 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 92 degrees at POPLAR BLUFF ASOS and the extreme low was 57 degrees at CAPE GIRARDEAU ASOS.

Precipitation (liq. equ.) for the period totaled 3.55 inches statewide which was 2.56 inches above normal and 358% of normal. Precipitation totals by climate division, West 1.70 inches, Central 4.81 inches, Bluegrass 4.00 inches and East 3.67 inches, which was 0.7, 3.82, 3.04 and 2.65 inches above normal. By station, precipitation totals ranged from a low of 0.03 inches at POPLAR BLUFF ASOS to a high of 7.94 inches at RUSSELLVILLE 2W.

Tom Priddy

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

Weather Station	Rainfall			Dev. From		Air Temperature			Growing Degree Days			
	Last Week	Since April 1	Last Four Wks.	Norm Since Apr 1	Norm Last 4 Wks.	Hi	Lo	Avg.	Dev. From Norm	Last Week	Since Apr 1	Since Dev.
	(Inches)			(Degrees F)								
Bardstown	3.24	16.39	8.81	+3.25	+5.12	84	60	71	-5	148	1561	-76
Berea	3.41	18.88	8.06	+4.86	+4.30	83	63	72	-3	156	1489	-192
Bowling Green	6.39	20.38	7.30	+5.88	+3.31	88	62	73	-3	160	1814	+117
Bristol	3.47	20.15	10.32	+8.43	+6.87	85	64	74	-1	165	1447	-91
Buckhorn Lake	3.18	17.35	8.03	+4.25	+4.03	84	59	73	-2	159	1522	+42
Cape Girardeau	0.05	16.19	4.08	+2.30	+0.85	90	57	72	-6	156	1722	-65
Campbellsville	6.86	21.52	10.40	+6.22	+6.28	83	59	70	-6	143	1510	-146
Covington	3.75	18.14	9.27	+5.31	+5.62	82	64	72	-3	154	1558	+75
Cumberland Gap	4.77	21.43	10.12	+7.09	+5.95	84	64	73	-2	161	1518	-12
Dix Dam	5.47	22.73	11.94	+8.98	+8.25	81	60	71	-4	144	1509	-113
Evansville	0.35	16.78	6.40	+3.61	+3.04	87	63	73	-5	161	1694	+12
Glasgow	5.26	21.97	8.93	+6.56	+4.51	85	61	71	-5	148	1616	-16
Grayson	4.52	16.41	8.36	+3.58	+4.57	82	62	73	-2	158	1461	+41
Hardinsburg	2.78	18.58	5.35	+4.53	+1.62	85	58	71	-5	145	1590	-124
Henderson	0.59	14.79	5.29	+1.27	+1.71	86	61	72	-6	150	1667	-69
Huntington	4.80	14.78	8.94	+2.11	+5.24	87	63	75	0	176	1629	+84
Jackson	3.56	17.79	8.52	+4.20	+4.66	82	63	72	-3	157	1568	+88
Lexington	4.35	21.98	10.72	+8.84	+7.03	83	62	72	-3	155	1627	+75
London	5.14	23.21	10.45	+10.34	+6.84	83	64	72	-3	158	1495	-61
Louisville	2.47	14.46	6.47	+1.13	+3.03	87	64	74	-2	166	1820	+155
Mayfield	1.99	24.62	6.38	+10.18	+3.01	87	59	72	-6	156	1693	-71
Nashville	3.99	18.54	6.80	+4.82	+3.40	89	64	74	-2	166	1812	-19
Nolin Lake	5.60	20.44	8.91	+5.37	+5.03	84	59	73	-3	158	1754	+189
Paducah	0.51	19.32	3.56	+4.37	-0.22	88	61	73	-5	163	1717	-44
Princeton	1.92	19.45	4.21	+4.87	+0.55	86	59	72	-6	152	1654	-116
Quicksand	3.29	17.26	8.11	+3.67	+4.25	84	62	74	-1	166	1504	+24
Somerset	5.59	19.47	8.69	+4.71	+4.62	83	59	71	-4	144	1478	-109
Spindletop	5.48	22.49	12.34	+9.35	+8.65	80	60	70	-5	136	1462	-90
Williamstown	4.81	20.34	10.61	+6.99	+6.95	81	60	71	-4	146	1482	-41