



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

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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Released weekly April - November

Issued 4:00 P.M., June 17, 2013

12-13

AGRICULTURAL NEWS: Weather for the past week consisted of higher than normal amounts of rainfall. Precipitation for the week totaled 1.25 inches, 0.23 inches above normal for this point in the season. Temperature for the week averaged 74 degrees, 2 degrees warmer than normal. **Topsoil moisture** was rated 4 short, 80 percent adequate and 16 percent surplus. **Subsoil moisture** was rated 4 percent short, 83 percent adequate, and 13 percent surplus. Days suitable for fieldwork averaged 4.6 out of a possible seven.

CROPS: As of Sunday, June 16, the **corn** crop was 95 percent emerged compared to 100 percent last year and the five year average of 98 percent. Condition of the corn crop was rated as 1 percent very poor, 3 percent poor, 17 percent fair, 61 percent good, and 18 percent excellent. The overall average height of corn is 21 inches, while the average height of the most advanced corn is 35 inches. **Soybean** planting reached 63 percent complete. Planting progress trails last year at 94 percent and the five year average of 78 percent. The soybean crop is 46 percent emerged compared to 85 percent last year and the five year average of 65 percent. Condition of the soybean crop was rated 1 percent very poor, 3 percent poor, 16 percent fair, 69 percent good, and 11 percent excellent.

TOBACCO: At this point of the season, setting of burley and dark tobacco is behind normal. Eighty percent of Burley tobacco has been set compared to 88 percent last year and 86 percent for the five year average. Dark tobacco is 79 percent set, behind last year at 87 percent and the five year average of 86 percent. Condition of set tobacco was rated as 2 percent poor, 26 percent fair, 55 percent good, and 17 percent excellent. Tobacco height is at 83 percent

under 12 inches, 16 percent at 12-24 inches and 1 percent over 24 inches.

SMALL GRAINS: As of June 16, 6 percent of the winter **wheat** crop had been harvested compared to 81 percent last year and the five year average of 30 percent. Condition of the winter wheat crop was rated 1 percent very poor, 4 percent poor, 18 percent fair, 54 percent good, and 23 percent excellent.

PASTURE: Pasture condition was reported as 1 percent very poor, 3 percent poor, 22 percent fair, 56 percent good, and 18 percent excellent.

CROP PROGRESS for week ending 06/16/13

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Emerged	95	84	100	98
Soybeans Planted	63	48	94	78
Soybeans Emerged	46	30	85	65
Wheat Harvested	6	N/A	81	30
Dark Tobacco Set	79	67	87	86
Burley Tobacco Set	80	66	88	86

SOIL MOISTURE for week ending 06/16/13

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	-	4	80	16
Subsoil	-	4	83	13

CROP CONDITIONS for week ending 06/16/13

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	3	17	61	18
Soybeans	1	3	16	69	11
Wheat	1	4	18	54	23
Pasture	1	3	22	56	18
Tobacco Set	-	2	26	55	17

KENTUCKY WEATHER SUMMARY, JUNE 10 - 16, 2013:

Above Normal Temperatures and Rainfall:

This Bluegrass State saw above normal rainfall this past period with 1.25 inches falling on average across Kentucky. The week started off with an upper level disturbance sparking scattered showers and thunderstorms across the area. Strong to severe storms were evident across the southern reaches of the state, with an EF2 tornado touching down in Logan and Simpson Counties. High pressure moved over the region through Wednesday with mostly sunny conditions. Winds veered to the southwest Wednesday and became gusty. This resulted in the warmest day of the season thus far. A combination of temperatures in the low to mid 90s and very muggy conditions put heat indices approaching the century mark. Conditions remained quiet until Thursday morning when a cold front moved through the area. Severe thunderstorms erupted along a line with damaging winds as the primary impacts. Drier and cooler conditions moved in just after as surface high pressure hovered across Kentucky through Saturday, before turning wet again on Sunday as another upper level disturbance moved through the state.

Temperatures for the period averaged 74 degrees across the state which was 2 degrees warmer than normal and 4 degrees warmer than the previous period. High temperatures averaged from 86 in the West to 82 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 1 degree cooler than normal in the East. Low temperatures averaged from 67 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 5 degrees warmer than normal in the East. The extreme high temperature for the period was 96 degrees at POPLAR BLUFF ASOS and the extreme low was 51 degrees at PAINTSVILLE 4W.

Precipitation (liq. equ.) for the period totaled 1.25 inches statewide which was 0.23 inches above normal and 123% of normal. Precipitation totals by climate division, West 0.51 inches, Central 1.33 inches, Bluegrass 1.62 inches and East 1.52 inches, which was -0.46, 0.30, 0.58 and 0.48 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CAPE GIRARDEAU ASOS to a high of 3.79 inches at BARBOURVILLE 3E.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 16, 7:00 P.M.

Weather Station	Rainfall			Dev. From Norm		Air Temperature			Growing Degree Days			
	Last Week	Since April	Last Four Wks.	Since Apr 1	Norm Last 4 Wks.	Hi	Lo	Avg.	Dev. From Norm	Last Week	Since April	Dev. Since April
		1								1	1	1
		(Inches)						(Degrees F)				
Bardstown	0.88	8.46	2.15	-1.84	-1.53	89	55	73	0	163	1068	-86
Berea	1.46	12.28	3.62	+1.10	-0.35	91	55	72	0	154	1000	-192
Bowling Green	0.58	13.66	2.94	+2.18	-1.20	95	58	78	+5	193	1252	+60
Bristol	1.11	10.94	4.61	+1.85	+1.21	90	53	71	-1	150	958	-119
Buckhorn Lake	1.72	11.04	5.53	+0.97	+1.73	89	55	72	0	152	1040	-9
Cape Girardeau	0.00	12.11	5.04	+0.64	+1.18	95	59	78	+3	194	1150	-107
Campbellsville	1.44	12.56	4.01	+0.41	-0.22	90	55	73	0	162	1019	-155
Covington	1.27	10.14	2.69	+0.06	-1.01	91	57	73	+1	162	1054	+35
Cumberland Gap	3.79	15.10	6.29	+3.94	+2.16	91	56	72	0	156	1028	-53
Dix Dam	2.04	12.83	3.79	+1.91	0.00	91	54	73	+1	161	1030	-107
Evansville	0.21	10.59	4.20	-0.04	+0.50	93	57	76	+1	180	1143	-29
Glasgow	0.90	13.94	3.07	+1.88	-1.34	91	55	75	+2	176	1103	-33
Grayson	1.09	9.14	2.55	-0.80	-1.15	91	53	72	0	153	978	-15
Hardinsburg	1.41	14.64	4.43	+3.44	+0.52	90	55	73	0	164	1086	-120
Henderson	0.56	10.06	4.19	-0.77	+0.41	91	59	75	0	178	1142	-82
Huntington	0.89	6.73	3.26	-3.10	-0.36	91	55	73	+1	159	1104	+23
Jackson	2.27	11.54	4.13	+0.92	+0.36	91	56	72	0	153	1076	+27
Lexington	1.99	13.25	3.83	+2.95	+0.15	92	56	74	+2	166	1108	+34
London	1.69	14.45	4.69	+4.34	+1.11	91	56	72	0	156	1004	-91
Louisville	0.37	8.36	1.40	-2.34	-2.23	93	60	77	+4	191	1258	+99
Mayfield	0.40	18.64	8.17	+6.78	+4.43	95	58	77	+2	191	1146	-113
Nashville	1.09	12.83	2.91	+1.68	-0.88	93	60	78	+5	198	1239	-63
Nolin Lake	0.38	11.91	1.59	-0.19	-2.62	94	55	76	+3	181	1206	+101
Paducah	0.06	15.82	8.24	+3.71	+4.17	93	57	76	+1	184	1150	-88
Princeton	0.24	15.48	7.60	+3.67	+3.63	91	57	76	+1	178	1125	-132
Quicksand	1.42	10.57	3.85	-0.05	+0.08	93	56	72	0	157	999	-50
Somerset	0.95	11.73	2.81	+0.05	-1.41	90	53	72	0	158	996	-125
Spindletop	2.35	12.50	3.87	+2.20	+0.19	92	56	72	0	154	1000	-74
Williamstown	2.28	12.01	3.55	+1.44	-0.17	89	56	72	0	155	1008	-49

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.wgwx.ca.uky.edu/>