



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

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

DAVE KNOPF, Director

Released weekly April - November

Issued 4:00 P.M., September 30, 2013

27-13

Agricultural News: Kentucky experienced drier conditions last week. Precipitation for the week totaled 0.29 inches, 0.56 in below normal. Temperature for the week averaged 66 degrees, 1 degree warmer than normal. **Topsoil moisture** was rated 3 percent very short, 25 percent short, 66 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 2 percent very short, 22 percent short, 71 percent adequate, and 5 percent surplus. Days suitable for fieldwork averaged 5.8 out of a possible seven. Primary activities this week included harvesting tobacco and harvesting corn.

Crops: As of Sunday, September 29, 97 percent of **corn** reached the dent stage, compared to 100 percent for last year and the five-year average. Eighty-seven percent of corn reached the mature stage, compared with 98 percent last year and the five-year average of 92 percent. Thirty-six percent of corn has been harvested, compared to 79 percent last year and the five-year average of 56 percent. Condition of the corn crop was rated as 1 percent very poor, 2 percent poor, 7 percent fair, 43 percent good, and 47 percent excellent. Forty-nine percent of **soybeans** were reported to be shedding leaves, compared to 70 percent last year and the five-year average of 71 percent. Nineteen percent of soybeans were considered mature, compared to 48 percent last year and the five-year average of 43 percent. Four percent of the soybean crop has been harvested, compared to 24 percent last year and the five-year average of 14 percent. Condition of the soybean crop was rated 1 percent very poor, 3 percent poor, 12 percent fair, 53 percent good, and 31 percent excellent.

Tobacco: Eighty-three percent of burley tobacco has been cut, compared to 79 percent last year and 85 percent for the five-year average. Eighty-five percent of dark tobacco was cut, compared to 87 percent last year and the five-year average of 85

percent. Condition of housed tobacco was rated at 1 percent very poor, 4 percent poor, 19 percent fair, 61 percent good, and 15 percent excellent. The amount of tobacco ready for stripping was 10 percent while the amount of tobacco already stripped was 2 percent.

Other Crops and Pasture: **Winter wheat** seeded was reported at 3 percent, compared to 6 percent last year and 4 percent for the five-year average. **Pasture** condition was reported as 2 percent very poor, 7 percent poor, 24 percent fair, 51 percent good, and 16 percent excellent.

CROP PROGRESS for week ending 09/30/12

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dent	97	94	100	100
Corn Mature	87	74	98	92
Corn Harvested	36	25	79	56
Soybeans Dropping Leaves	49	28	70	71
Soybeans Mature	19	8	48	43
Soybeans Harvested	4	1	24	14
Winter Wheat Planted	3	N/A	6	4
Burley Tobacco Cut	83	74	79	85
Dark Tobacco Cut	85	76	87	85

SOIL MOISTURE for week ending 09/30/12

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	3	25	66	6
Subsoil	2	22	71	5

CROP CONDITIONS for week ending 09/30/12

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	2	7	43	47
Soybeans	1	3	12	53	31
Pasture	2	7	24	51	16
Tobacco Housed	1	4	19	61	15

KENTUCKY WEATHER SUMMARY, SEPTEMBER 23 -29, 2013:

Above Normal Temperatures and Below Normal Rainfall:

Rainfall was below normal by over a half inch for the third week this past month. Surface high pressure kept the Commonwealth dry through Tuesday before low pressure began sweeping through the state that night and into Wednesday. This system brought a round of light scattered showers to mainly the southern half of the state with most getting less than a quarter inch. Skies then cleared Wednesday night with winds becoming calm. This allowed for a rather significant fog event Thursday morning. Some areas in south central Kentucky witnessed some dense fog with visibility limited to under a half mile at times. Focus then turned toward a cold front set to move through the Ohio Valley over the course of Sunday. This system slowly weakened as it moved east with a shield of light rainfall over western portions of the state tapering to only isolated showers to the east. Western portions of the state averaged 0.67 inches over the course of day with all other sections of the state under a tenth of an inch.

Temperatures for the period averaged 66 degrees across the state which was 1 degree warmer than normal and no change to the previous period. High temperatures averaged from 78 in the West to 75 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 56 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 2 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 85 degrees at PADUCAH ASOS and the extreme low was 42 degrees at RICHMOND 8E.

Precipitation (liq. equ.) for the period totaled 0.29 inches statewide which was 0.56 inches below normal and 34% of normal. Precipitation totals by climate division, West 0.89 inches, Central 0.12 inches, Bluegrass 0.04 inches and East 0.10 inches, which was 0.03, -0.81, -0.73 and -0.73 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CARLISLE 5SW to a high of 2.07 inches at PADUCAH ASOS.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 29, 7:00 P.M.

Weather Station	Rainfall			Dev. From Norm		Air Temperature			Relative Humidity	
	Last Week	Since April 1	Last Four Wks.	Since Apr 1	Norm Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Normal	Average High Low
	(Inches)			(Degrees Fahrenheit)						
Bardstown	0.14	27.86	1.71	+3.83	-1.28	92	48	67	+2	97 36
Berea	0.00	28.64	0.98	+3.34	-2.75	80	42	63	-1	88 38
Bowling Green	0.11	35.00	4.25	+9.72	+0.78	82	48	67	+2	100 36
Bristol	0.20	31.21	1.53	+9.83	-1.51	79	46	64	0	100 42
Buckhorn Lake	0.06	26.49	1.69	+2.45	-1.73	78	47	63	-1	93 36
Cape Girardeau	0.00	20.84	0.44	-2.73	-2.89	84	45	69	+2	100 38
Campbellsville	0.39	31.17	1.83	+2.65	-2.50	79	46	64	-1	96 53
Covington	0.07	27.15	3.62	+4.91	+0.93	80	49	64	0	100 31
Cumberland Gap	0.13	33.62	3.43	+7.89	+0.56	79	48	65	+1	100 42
Dix Dam	0.02	35.07	1.25	+10.28	-1.93	80	47	65	+1	96 36
Evansville	0.55	23.05	0.92	+0.77	-1.85	84	50	68	+1	100 10
Glasgow	0.11	31.32	1.63	+4.01	-2.00	80	49	67	+2	100 36
Grayson	0.00	25.19	1.14	+2.19	-1.43	78	44	62	-2	85 52
Hardinsburg	0.53	25.94	2.48	+0.89	-0.93	81	51	67	+2	100 44
Henderson	0.56	22.28	1.35	-0.92	-1.88	84	46	68	+1	100 10
Huntington	0.00	24.68	1.70	+1.54	-0.91	81	46	63	-1	100 41
Jackson	0.01	32.13	1.25	+7.07	-2.04	80	48	65	+1	100 38
Lexington	0.00	33.52	1.63	+9.49	-1.36	81	49	66	+2	96 36
London	0.37	31.59	2.37	+8.36	-0.88	81	49	66	+2	97 41
Louisville	0.04	22.92	2.41	-0.49	-0.54	83	52	68	+3	90 34
Mayfield	1.30	38.54	3.60	+12.95	-0.11	81	50	68	+1	85 52
Nashville	0.54	27.66	4.16	+4.11	+0.98	83	52	69	+4	100 41
Nolin Lake	0.00	28.96	1.65	+2.15	-2.29	83	49	69	+4	100 36
Paducah	2.07	28.10	2.89	+3.00	-0.55	85	48	68	+1	100 36
Princeton	1.23	32.91	3.63	+7.78	+0.52	81	48	67	0	85 52
Quicksand	0.03	26.77	1.69	+1.71	-1.60	79	48	64	0	85 52
Somerset	0.04	28.04	1.57	+1.70	-2.16	80	44	64	0	100 38
Spindletop	0.00	32.23	2.20	+8.20	-0.79	78	45	63	-1	100 35
Williamstown	0.02	30.40	3.12	+6.73	+0.14	79	46	63	-1	85 52

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/>