



**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:** Normal temperatures and below normal rainfall prevailed across the Commonwealth this past week. Temperatures for the week averaged 62 degrees across the State which was normal for the week. Total precipitation for the week was 0.97 inches statewide, which was 0.06 inches below normal. **Topsoil moisture** was rated as 7 percent short, 64 percent adequate, and 29 percent surplus. **Subsoil moisture** was rated 1 percent very short, 6 percent short, 71 percent adequate, and 22 percent surplus. There were 3.6 days suitable for fieldwork. The primary farming activities for the week were planting corn and soybeans, applying fertilizer, preparing soil for planting, setting tobacco and spraying weeds.

**TOBACCO:** As of Sunday May 11, 7 percent of the burley tobacco plants have been set compared with 17 percent last year and the five-year average of 9 percent. Six percent of the dark tobacco has been set, behind of last's year's 15 percent and the five-year average of 7 percent.

**ROW CROPS:** Corn planting continued to see good progress last week while it still continued to trail last year and the five-year average. As of Sunday May 11, 69 percent of the intended corn acreage had been planted compared to 89 percent last year and 85 percent for the five-year average. Last week 54 percent of the corn acreage had been planted. Corn emergence was reported at 40 percent, up from last week's 18 percent while below last year's 70 percent and the five year average of 68 percent. The condition of the emerged corn crop was rated 2 percent poor, 26 percent fair, 59 percent good, and 13 percent excellent. Farmers continue to plant soybeans. As of Sunday 9 percent had been planted compared to 15 percent last year and 16 percent for the five-year average. Last week 5 percent had been planted.

**SMALL GRAINS:** The winter wheat crop was rated 4 percent poor, 20 percent fair, 53 percent good, and 23 percent excellent. Some lodging was reported

following the rain and winds. Some farmers have been applying fungicides to their small grains.

**OTHER CROPS AND PASTURE:** Hay crops were rated 3 percent very poor, 11 percent poor, 32 percent fair, 45 percent good, and 9 percent excellent. Only a few reports of alfalfa weevil have been received. As of May 11, pasture condition was rated 2 percent very poor, 11 percent poor, 31 percent fair, 46 percent good, and 10 percent excellent. As of Sunday, May 11, 2 percent of sorghum acreage had been planted. Strawberry growers reported 51 percent of their berries as small, 41 percent medium, and 8 percent as large.

**CROP PROGRESS for week ending 05/11/08**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	Percent			
Corn Planted	69	54	89	85
Corn Emerged	40	18	70	68
Soybeans Planted	9	5	15	16
Sorghum Planted	2	NA	NA	NA
Burley Tobacco Set	7	1	17	9
Dark Tobacco Set	6	3	15	7

**SOIL MOISTURE for week ending 05/11/08**

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	7	64	29
Subsoil	1	6	71	22

**CROP CONDITIONS for week ending 05/11/08**

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Corn Emerged	0	2	26	59	13
Wheat	0	4	20	53	23
Pasture	2	11	31	46	10
Hay Crops	3	11	32	45	9
Tobacco Set	0	0	30	56	14

# KENTUCKY WEATHER SUMMARY, MAY 5 - 11, 2008:

## Normal Temperatures and Below Normal Rainfall:

Despite two late week weather systems, rainfall amounts continued to moderate as below normal values were received for the 3rd time in the past 4 weeks. Although the Commonwealth did experience some severe weather, the State has not received the copious weekly rainfall totals since early April. Consequently, field activities continued normally for much of the week. Temperatures were once again near normal, holding the yearly departures to less than 1 degree from normal. The latest Palmer Drought Index shows that West and Central are in an EXTREME MOIST SPELL, Bluegrass is in a VERY MOIST SPELL, and East is NEAR NORMAL hydrologic conditions.

Temperatures for the period averaged 62 degrees across the State which was 0 degree from normal and 6 degrees higher than the previous week. High temperatures averaged from 72 in the West to 72 in the East. Departure from normal high temperatures ranged from 7 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 52 degrees in the West to 52 degrees in the East. Departure from normal low temperatures ranged from 2 degrees below normal in the West to 1 degree below normal in the East.

Rainfall for the period totaled 0.97 inches statewide which was 0.06 inches below normal. Precipitation totals by climate division, West 0.85 inches, Central 0.91 inches, Bluegrass 1.47 inches and East 0.79 inches, which was respectively 0.15 inches below normal, 0.21 inches below normal, 0.48 inches above normal and 0.24 inches below normal. By station, precipitation totals ranged from a low of 0.46 inches at Mayfield to a high of 3.57 inches at Grayson.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, MAY 11, 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	1.57	9.81	3.73	+4.34	-0.05	78	42	61.2	-3	84	425	-40
Berea	1.46	7.97	2.99	+2.00	-1.13	79	41	62.4	-1	93	444	-32
Bowling Green	1.26	8.96	4.33	+2.89	+0.13	82	44	63.9	-1	100	450	-26
Bristol	0.46	3.37	1.92	-1.31	-1.33	82	39	63.7	+0	103	463	+39
Buckhorn Lake	1.37	5.29	2.61	+0.08	-0.97	80	45	62.4	-1	87	421	-3
Cape Girardeau	0.71	10.67	3.76	+4.40	-0.59	76	44	62.0	-5	86	378	-109
Campbellsville	0.82	8.39	3.48	+1.81	-1.05	81	40	63.3	-1	101	452	-24
Covington	1.59	5.16	2.92	-0.11	-0.72	78	41	59.3	-4	71	365	-29
Cumberland Gap	0.68	5.93	2.17	+0.14	-1.85	82	45	62.6	-1	89	424	+0
Dix Dam	1.77	6.98	3.51	+1.08	-0.56	78	40	61.3	-2	85	403	-62
Evansville	1.94	8.97	4.03	+3.26	+0.07	79	43	61.2	-5	82	381	-65
Glasgow	1.01	10.29	3.85	+3.94	-0.52	83	41	65.1	+1	111	495	+79
Grayson	3.57	8.29	4.81	+3.15	+1.24	82	42	60.9	-2	82	414	+31
Hardinsburg	2.05	10.13	4.25	+4.09	+0.08	79	43	60.3	-4	85	438	-38
Henderson	1.44	8.75	3.85	+2.88	-0.18	78	44	61.0	-6	81	398	-78
Huntington	3.35	6.78	4.26	+1.67	+0.71	83	41	60.6	-3	83	432	+8
Jackson	1.27	5.31	2.44	-0.38	-1.47	80	46	62.1	-1	86	453	+29
Lexington	1.80	8.91	3.43	+3.44	-0.35	77	41	60.9	-2	81	376	-18
London	1.12	5.79	2.54	+0.36	-1.19	81	42	63.4	+0	100	460	+36
Louisville	1.75	10.08	4.27	+4.21	+0.23	80	48	63.1	-1	93	434	-12
Mayfield	0.46	5.95	1.36	-0.88	-3.28	79	43	61.9	-5	86	413	-104
Nashville	0.87	9.80	3.59	+3.70	-0.62	82	47	65.4	+1	108	478	-39
Nolin Lake	1.40	10.76	3.94	+4.29	-0.57	81	43	62.8	-2	94	446	-19
Paducah	0.67	9.21	2.03	+2.45	-2.56	79	44	63.4	-3	95	425	-62
Princeton	0.94	10.80	4.92	+4.24	+0.44	80	42	62.9	-4	94	462	-44
Quicksand	1.26	5.29	2.43	-0.40	-1.48	80	46	62.3	-1	87	423	-1
Somerset	1.37	7.94	3.13	+1.79	-1.13	81	37	62.3	-1	95	426	-39
Spindletop	2.31	9.09	3.87	+3.62	+0.09	77	41	60.9	-2	81	379	-15
Williamstown	1.98	7.01	3.48	+1.30	-0.44	77	41	59.9	-3	75	362	-32