



KENTUCKY WEEKLY CROP & WEATHER REPORT



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AGRICULTURAL NEWS: Most of Kentucky had four consecutive weeks of above normal rainfall. The State received an average of 1.16 inches of rain which was 0.27 inches above normal. Due to the continued rain, farm work across the State was minimal. When farmers were able to get into their fields, they took the opportunity to set tobacco, plant soybeans, cut and bale hay, or harvest wheat. **Topsoil moisture** as of Friday, June 18 was rated 1 percent short, 45 percent adequate, and 54 percent surplus. **Subsoil moisture** was 56 percent adequate, and 44 percent surplus. Days suitable for fieldwork averaged 2.4 out of a possible seven.

CORN: Rain caused flooding of some corn fields. Some producers are replanting flooded fields. Others may not replant to corn at this late stage in the season but may plant sorghum instead. The condition of the emerged corn improved slightly from last week with 2 percent very poor, 8 percent poor, 25 percent fair, 42 percent good, and 23 percent excellent.

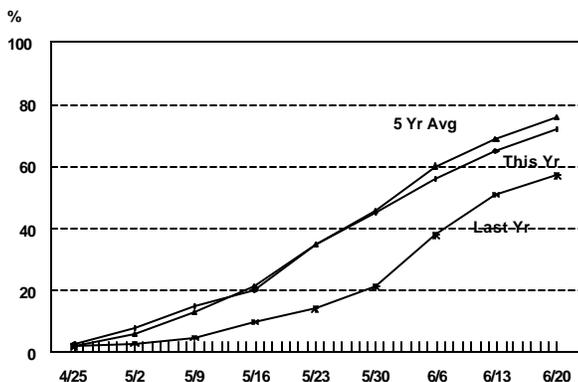
SOYBEANS: Double crop soybean planting was once again delayed due to rain across the State. Soybeans planted was 76 percent as of Sunday, June 20, compared to 57 percent last year, and 76 percent for the 5 year average. Emerged soybeans reached 67 percent, compared with 43 percent last year and the 5 year average of 69 percent. Soybean height was at 6 inches. Condition of the emerged soybeans was rated 2 percent very poor, 6 percent poor, 30 percent fair, 50 percent good, and 12 percent excellent.

TOBACCO: Eighty-seven percent of the **burley** tobacco has been set as of Sunday, June 20, compared with 74 percent last year and 90 percent for the 5 year average. Eighty-five percent of the **dark** tobacco had been set, compared to 91 percent last year, and the 5 year average of 95 percent. Tobacco height was 70 percent under 12 inches, 24 percent was between 12 to 24 inches, and 6 percent was over 24 inches. Condition of the set tobacco was rated as 2 percent very poor, 10 percent poor, 26 percent fair, 53 percent good, and 9 percent excellent. Blue mold as well as a few other diseases have been reported in several central areas of the State.

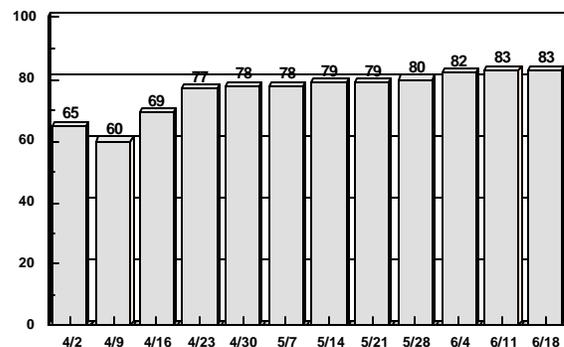
SMALL GRAINS: **Barley** harvested reached 94 percent completed by Sunday, June 20, compared with 82 percent last year, and 92 percent for the average. **Wheat** harvest was 32 percent completed by the end of the week, compared with last year's 19 percent and the average of 43 percent. The wheat harvest continues to be delayed due to the wet weather conditions. Wheat yields and test weights may decline with the delays in harvesting.

OTHER CROPS: It has been difficult to cut and bale hay this summer due to the persistent rain. Eighteen percent of the second cutting of **alfalfa hay** has been completed. **Pasture** conditions were rated 3 percent poor, 14 percent fair, 59 percent good, and 24 percent excellent. **Grain sorghum** planting was 82 percent as of Sunday, June 20, compared with 80 percent last year and the average of 83 percent.

SOYBEAN PLANTING PROGRESS



PASTURE CONDITION
% Good to Excellent



KENTUCKY CROP PROGRESS
WEEK ENDING JUNE 20, 2004
WITH COMPARISONS

SOIL MOISTURE
WEEK ENDING JUNE 18, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Planted	72	57	76	65	93
Emerged	67	43	69	55	83
Sorghum Planted	82	80	83	81	83
Barley Harvested	94	82	92	80	NA
Wheat Harvested	32	19	43	10	23
Burley Tobacco Set	87	74	90	85	NA
Dark Tobacco Set	85	91	95	80	NA

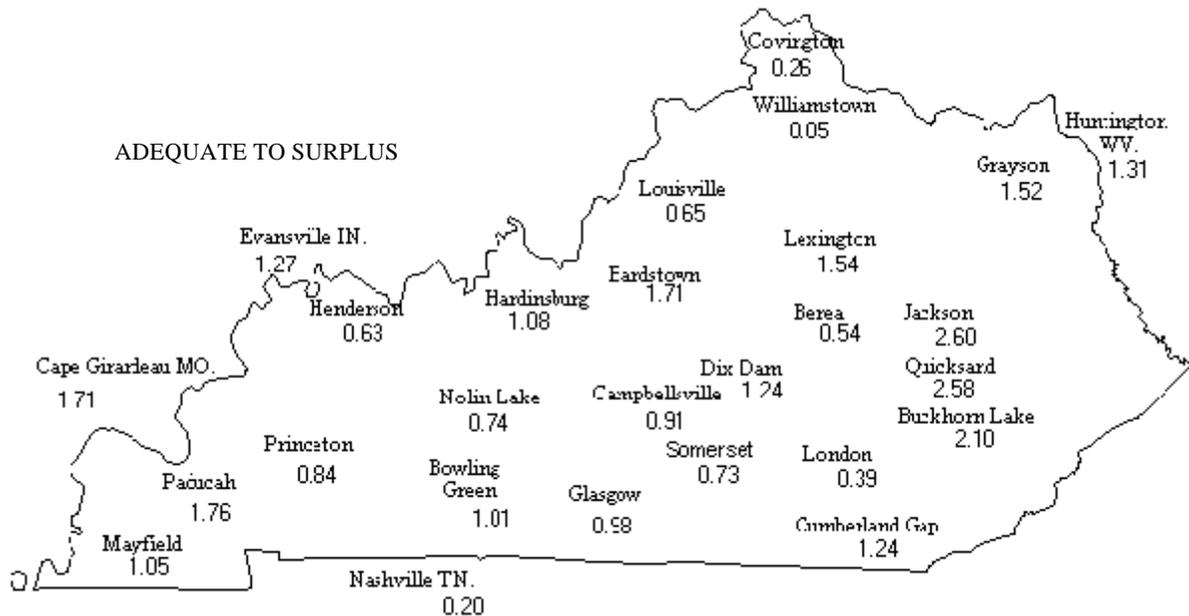
	This Week	Previous Week
TOPSOIL		
Very Short	0	0
Short	1	4
Adequate	45	70
Surplus	54	26
SUBSOIL		
Very Short	0	0
Short	0	4
Adequate	56	75
Surplus	44	21

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 18, 2004					WEEK ENDING JUNE 11, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	2	8	25	42	23	4	9	21	43	23
Soybeans	2	6	30	50	12	3	5	26	51	15
Pasture	0	3	14	59	24	0	2	15	56	27
Set Tobacco	2	10	26	53	9	1	9	24	58	8

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 20, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 18, 2004



ADEQUATE TO SURPLUS

KENTUCKY WEATHER SUMMARY, JUNE 14 - 20, 2004:

ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:

Both temperatures and precipitation averaged above normal for the second week in a row. Average precipitation values have been above normal for the past 4 weeks. The majority of the week was spent in a weather pattern that Kentucky has seen all season. Flood watches were issued on Monday and Tuesday as a disturbance from the Gulf of Mexico brought some locally heavy rains to eastern parts of the State. Humid conditions were a problem this week as dew point temperatures were consistently in the lower and middle 70's keeping humidity values above 70%, which are not ideal drying conditions. Afternoon thundershowers did not facilitate drying as just about every part of the State had some rain during the week. The last weekend of spring was much improved as a high pressure from Canada settled over the State. Under sunny skies, highs barely made it to the 80 degree mark, and with dew points dropping into the 50's, conditions were ideal.

Temperatures for the period averaged 76 degrees across the State which was 2 degrees above normal and 0 degrees warmer than the previous week. High temperatures averaged from 85 in the West to 82 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 68 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 5 degrees above normal in the West to 5 degrees above normal in the East. Extreme high temperatures were in the lower 90's. Extreme low temperatures were in the middle 50's.

Rainfall for the period totaled 1.16 inches statewide which was 0.27 inches above normal. Precipitation totals by climate division, West 1.21 inches, Central 1.03 inches, Bluegrass 0.85 inches and East 1.56 inches, which was +0.35, +0.11, -0.02 and +0.64 inches respectively from normal. By station, precipitation totals ranged from a low of 0.26 inches at Covington to a high of 2.60 inches at Jackson.

Tom Priddy

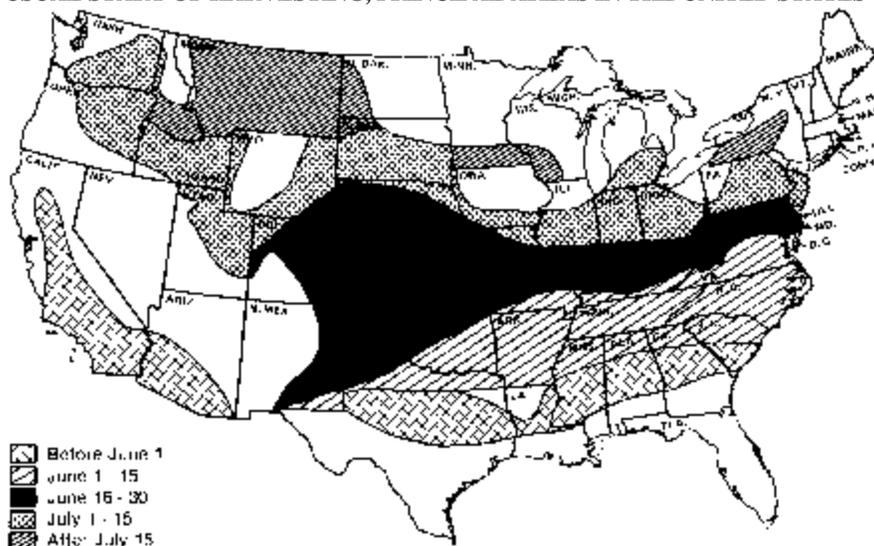
KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 20, 7:00 P.M.

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	1.71	19.63	10.89	+8.84	+7.30	86	55	75.3	+1	175	1368	+163
Berea	0.54	14.40	7.20	+2.70	+3.33	87	58	76.7	+4	185	1447	+211
Bowling Green	1.01	17.11	7.25	+5.07	+3.20	89	60	77.4	+4	186	1459	+203
Bristol	2.12	11.99	6.32	+2.43	+2.95	86	62	75.0	+2	173	1292	+168
Buckhorn Lake	2.10	18.57	10.20	+7.94	+6.37	85	57	74.6	+2	171	1302	+218
Cape Girardeau	1.71	10.82	4.50	-1.11	+0.85	90	60	78.3	+3	188	1426	+119
Campbellsville	0.91	15.89	7.23	+3.19	+3.12	88	59	77.1	+3	185	1436	+220
Covington	0.26	14.13	6.47	+3.54	+2.81	86	54	75.0	+2	174	1219	+145
Cumberland Gap	1.24	14.22	6.66	+2.49	+2.58	86	62	75.8	+3	179	1338	+234
Dix Dam	1.24	16.84	9.42	+5.43	+5.75	86	56	75.7	+3	178	1375	+170
Evansville	1.27	12.09	6.29	+0.99	+2.74	89	54	76.7	+1	180	1449	+223
Glasgow	0.98	16.98	5.68	+4.30	+1.31	91	59	79.1	+5	191	1540	+364
Grayson	1.52	14.00	7.61	+3.55	+3.95	87	54	75.1	+2	174	1328	+305
Hardinsburg	1.08	18.62	8.51	+6.91	+4.73	88	56	76.5	+3	180	1414	+158
Henderson	0.63	14.16	6.51	+2.82	+2.81	88	53	77.1	+1	186	1444	+188
Huntington	1.31	12.30	6.19	+1.97	+2.62	88	54	75.4	+2	175	1338	+234
Jackson	2.60	18.92	12.19	+7.79	+8.49	85	56	74.1	+1	167	1304	+220
Lexington	1.54	18.95	11.56	+8.16	+7.97	86	55	74.9	+2	172	1290	+196
London	0.39	15.45	7.94	+4.86	+4.43	87	59	75.7	+3	178	1312	+208
Louisville	0.65	19.90	10.94	+8.74	+7.44	88	54	76.0	+2	179	1392	+166
Mayfield	1.05	10.50	4.25	-1.81	+0.71	87	57	76.1	+0	181	1376	+59
Nashville	0.20	16.75	4.74	+5.12	+1.10	89	64	77.7	+4	190	1535	+198
Nolin Lake	0.74	17.36	7.13	+4.74	+3.10	89	58	77.1	+3	183	1453	+288
Paducah	1.76	12.88	6.54	+0.23	+2.57	90	58	76.5	+1	180	1497	+190
Princeton	0.84	15.93	7.83	+3.60	+3.98	89	58	76.8	+1	181	1521	+235
Quicksand	2.58	20.31	11.37	+9.18	+7.67	85	56	74.3	+1	168	1306	+222
Somerset	0.73	14.59	8.37	+2.34	+4.23	88	59	75.6	+3	177	1322	+137
Spindletop	0.69	15.37	9.53	+4.58	+5.94	86	55	74.4	+1	169	1264	+170
Williamstown	0.85	13.78	7.78	+2.71	+4.13	87	54	75.5	+2	176	1317	+223

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/>

WINTER WHEAT

USUAL START OF HARVESTING, PRINCIPAL AREAS IN THE UNITED STATES



WINTER WHEAT, SELECTED STATES & U.S., JUNE 1, 2004

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	2003	Ind. 2004	2003	Ind. 2004	2002	2003	Ind. 2004
	(1,000 Acres)		(Bushels)		(1,000 Bushels)		
Colorado	2,200	1,800	35.0	30.0	36,300	77,000	54,000
Illinois	810	970	65.0	58.0	30,870	52,650	56,260
Indiana	430	420	69.0	65.0	16,430	29,670	27,360
Kansas	10,000	9,000	48.0	39.0	270,600	480,000	351,000
KENTUCKY	330	350	62.0	62.0	17,160	20,460	21,700
Missouri	870	950	61.0	55.0	33,440	53,070	52,250
Montana	1,720	1,600	37.0	34.0	21,840	63,640	54,400
Nebraska	1,820	1,850	46.0	35.0	50,160	83,720	64,750
Ohio	1,000	880	68.0	67.0	50,220	68,000	58,960
Oklahoma	4,600	4,300	39.0	37.0	103,600	179,400	159,100
Oregon	940	840	51.0	59.0	29,820	47,940	49,560
Tennessee	270	270	50.0	53.0	14,100	13,500	14,310
Texas	3,450	3,600	28.0	33.0	78,300	96,600	118,800
Washington	1,800	1,700	65.0	64.0	104,400	117,000	108,800
U.S.	36,541	35,082	46.7	43.6	1,137,001	1,707,069	1,530,742

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