



Crop Progress and Condition

USDA, NASS, Kentucky Field Office

David Knopf, Director
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277
Email: nassfoemr@nass.usda.gov

In Cooperation with:

Univ. of KY – Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

Released: July 27, 2015

Issue: 21-15

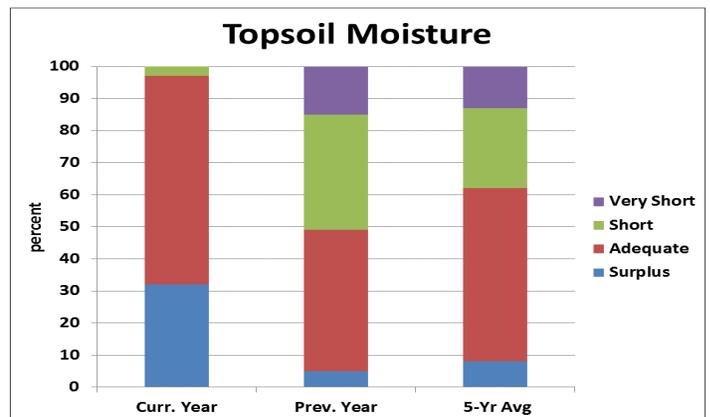
Agricultural News: Kentucky finally experienced a break from heavy rainfalls over the past week. Precipitation for the week totaled 0.71 inches, 0.25 inches below normal. Temperatures averaged 77 degrees for the week, unchanged from normal. **Topsoil moisture** was rated 3 percent short, 65 percent adequate and 32 percent surplus. **Subsoil moisture** was rated 3 percent short, 74 percent adequate, and 23 percent surplus. Days suitable for fieldwork averaged 4.7 out of a possible seven.

Primary activities this week included cutting hay and topping tobacco where conditions allowed. In most areas of Kentucky farmers were finally able to get back in the field. Crops in areas near the Ohio River continue to remain under water, however. Soybean and tobacco crops have been completely destroyed in a few areas. Some farmers plan on replanting double cropped soybeans up into the beginning of August. Tobacco condition increased slightly with sixty percent rated as good to excellent compared to fifty-eight percent last week. However, target spot and black shank are moving into some tobacco fields. Hay conditions have decreased since last month with sixty-four percent rated as good to excellent compared to seventy-two percent at the end of June. Pasture conditions remain in mostly good to excellent condition.

SOIL MOISTURE for week ending 07/26/15

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	3	65	32
Subsoil	-	3	74	23

- Represents zero.



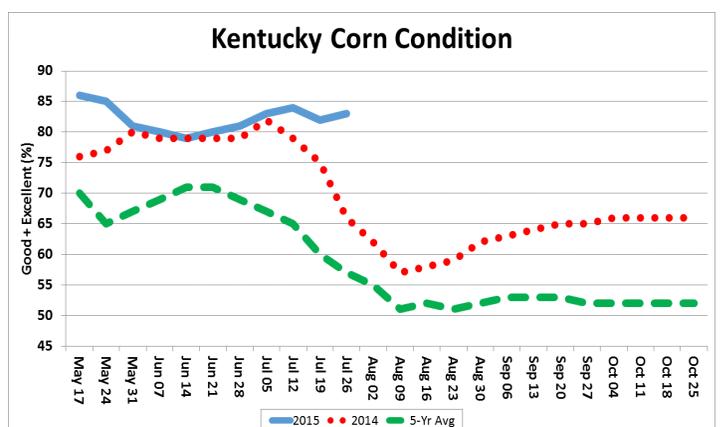
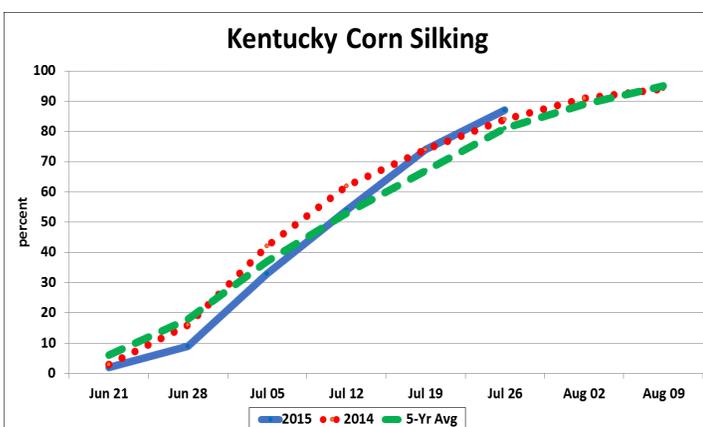
CROP PROGRESS for week ending 07/26/15

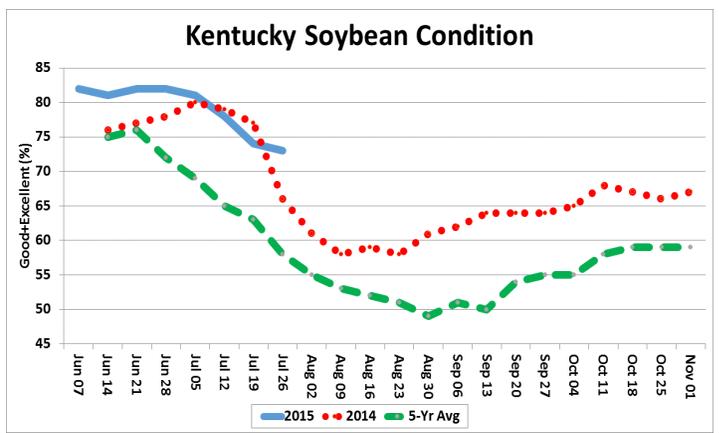
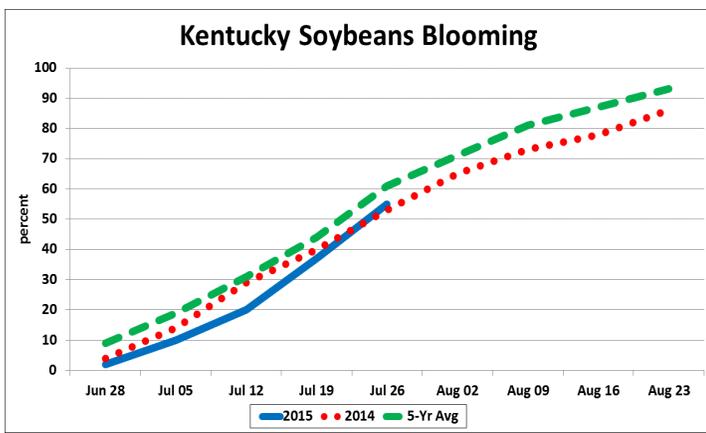
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Silking	87	74	83	78
Corn Milked	52	35	49	47
Corn Dough	27	13	28	25
Corn Dent	3	-	10	7
Soybeans Blooming	55	37	51	56
Soybeans Setting Pods	26	12	29	26
Tobacco Blooming	50	37	52	45
Tobacco Topped	26	15	23	20

- Represents zero.

CROP CONDITIONS for week ending 07/26/15

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	2	3	12	57	26
Hay	3	11	22	53	11
Pasture	1	4	18	60	17
Soybeans	2	5	20	57	16
Tobacco Set	5	11	24	52	8





**Kentucky Climate Summary
For the Period July 20, 2015 to July 26, 2015**

Near Normal Temperatures and Below Normal Rainfall:

The Commonwealth saw another couple rounds of rainfall this past week, but overall, much of the state finally got a break from weeks of much above normal precipitation. The state average for the period was 0.71 inches, which was a quarter inch below normal for the week. This broke a five week span of above normal precipitation that extended back into mid-June. Looking at temperatures, it was an up and down pattern through the week. After starting the period on the hot and humid side, a cold front brought a much welcomed break. High temperatures dipped slightly below seasonable norms by Wednesday, but the break was short lived. High pressure at the surface and aloft pushed into the region for the weekend, bumping temperatures back into the middle 80s to low 90s for most. During this time, evapotranspiration estimates across the state were around 0.2 inches of water loss each day. The end of July is normally the warmest time of the year for Kentucky with highs averaging in the middle 80s to around 90.

Temperatures for the period averaged 77 degrees across the state which was near normal and 2 degrees cooler than the previous period. High temperatures averaged from 86 in the West to 85 in the East. Departure from normal high temperatures ranged from 3 degrees cooler than normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 71 degrees in the West to 67 degrees in the East. Departure from normal low temperature ranged from 4 degrees warmer than normal in the West to 3 degrees warmer than normal in the East. The extreme high temperature for the period was 93 degrees at POPLAR BLUFF ASOS and the extreme low was 57 degrees at MOREHEAD 4NE.

Precipitation (liq. equ.) for the period totaled 0.71 inches statewide which was 0.25 inches below normal and 74% of normal. Precipitation totals by climate division, West 1.55 inches, Central 0.35 inches, Bluegrass 0.37 inches and East 0.56 inches, which was 0.65, -0.62, -0.58 and -0.44 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at CARROLLTON 2E to a high of 4.81 inches at MURRAY 1W.

**KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 07/26/15 4 p.m.**

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 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	Inches	Inches	Inches	Inches	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F	Degrees F
Bardstown	0.66	26.74	7.49	10.54	3.05	92	61	76	0	184	2,272	163
Berea	0.78	27.77	9.13	11.04	5.16	90	60	74	-1	170	2,091	-65
Bowling Green	0.46	20.94	6.09	3.53	1.84	91	65	79	3	206	2,562	372
Bristol	0.28	14.77	6.29	0.41	2.43	91	64	78	3	192	2,270	280
Buckhorn Lake	0.81	20.71	6.91	4.64	2.57	84	62	73	-2	164	2,142	235
Cape Girardeau	1.40	23.93	9.21	7.87	6.01	91	72	81	3	214	2,492	191
Campbellsville	0.31	25.38	9.45	6.79	4.67	89	60	76	0	182	2,168	35
Covington	0.12	18.29	6.26	2.86	2.45	88	60	75	0	176	2,090	143
Cumberland Gap	0.28	22.60	9.05	5.03	4.35	90	63	77	2	188	2,198	222
Dix Dam	0.56	31.06	9.06	14.27	4.66	87	62	76	1	182	2,148	53
Evansville	0.59	21.65	4.35	6.00	0.73	89	65	78	0	198	2,372	192
Glasgow	0.27	24.10	7.36	5.44	2.60	88	62	78	2	192	2,326	213
Grayson	0.41	27.62	9.73	11.81	5.40	87	57	75	0	172	2,009	162
Hardinsburg	2.49	21.79	8.53	4.82	4.28	87	62	77	1	186	2,258	53
Henderson	2.15	24.23	7.07	8.20	3.39	88	65	78	0	195	2,360	129
Huntington	1.83	21.80	8.61	6.11	4.23	87	60	74	-1	172	2,076	71
Jackson	0.77	28.08	9.38	11.28	4.72	88	63	76	1	180	2,244	337
Lexington	0.17	27.78	9.30	11.58	4.86	89	61	76	1	182	2,186	162
London	0.42	22.98	11.58	7.19	7.35	91	63	78	3	196	2,354	344
Louisville	0.39	28.88	8.52	12.79	4.51	91	67	80	4	208	2,540	377
Mayfield	4.81	26.47	10.68	9.27	6.69	90	68	80	2	207	2,424	183
Nashville	0.73	17.96	4.99	1.81	1.42	95	68	81	5	218	2,617	273
Nolin Lake	2.00	28.30	9.75	10.13	5.25	97	62	79	3	205	2,564	547
Paducah	1.91	22.17	10.34	4.66	6.56	91	71	80	2	212	2,582	314
Princeton	2.21	20.98	7.25	3.77	3.40	88	66	78	0	195	2,375	109
Quicksand	0.82	23.01	7.90	6.21	3.24	89	62	76	1	185	2,151	244
Somerset	0.51	23.80	6.82	6.04	2.44	87	61	75	0	176	2,122	80
Spindletop	0.51	33.90	10.58	17.70	6.14	90	63	77	2	188	2,259	235
Williamstown	0.01	25.94	9.02	9.81	4.97	86	61	75	0	176	2,034	51

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.