

## Fall Freeze / Frost Occurrence Data

Based on 1981-2010 Normals

Station Name	Threshold (F°)	Fall (Date)				
		Probability Level				
		Earliest	10	50	90	Latest
Ashland	36	Aug29	Sep07	Oct01	Oct18	Oct23
	32	Aug31	Sep23	Oct13	Oct28	Nov03
	28	Oct05	Oct07	Oct22	Nov08	Nov22
Barbourville	36	Sep23	Sep25	Oct11	Oct19	Nov13
	32	Oct03	Oct06	Oct20	Nov04	Nov13
	28	Oct04	Oct09	Oct29	Nov14	Dec02
Bowling Green AP	36	Sep24	Oct03	Oct15	Oct24	Nov01
	32	Oct06	Oct09	Oct26	Nov08	Nov15
	28	Oct21	Oct25	Nov04	Nov28	Dec02
Cincinnati Covington AP	36	Sep22	Sep30	Oct11	Oct19	Oct25
	32	Sep30	Oct06	Oct21	Nov01	Nov08
	28	Oct12	Oct18	Nov02	Nov17	Nov25
Jackson Julian Carroll AP	36	Sep24	Oct03	Oct17	Nov01	Nov09
	32	Oct04	Oct09	Oct27	Nov11	Nov25
	28	Oct14	Oct22	Nov12	Dec01	Dec15
Lexington Blue Grass AP	36	Sep30	Oct03	Oct17	Oct25	Nov01
	32	Oct04	Oct12	Oct27	Nov08	Nov10
	28	Oct13	Oct22	Nov05	Nov21	Dec03
Louisville International AP	36	Oct04	Oct08	Oct21	Nov06	Nov09
	32	Oct09	Oct21	Nov02	Nov17	Nov28
	28	Oct22	Nov02	Nov18	Dec04	Dec24
Paducah Barkley Regional AP	36	Sep24	Oct02	Oct11	Oct23	Oct29
	32	Oct04	Oct09	Oct25	Nov06	Nov12
	28	Oct08	Oct23	Nov03	Nov21	Nov26
Princeton 1 SE	36	Sep22	Oct02	Oct11	Oct22	Oct29
	32	Oct04	Oct05	Oct22	Nov06	Nov12
	28	Oct08	Oct13	Oct29	Nov14	Dec02
Somerset 2 N	36	Sep24	Sep24	Oct07	Oct22	Nov06
	32	Sep27	Oct02	Oct17	Nov02	Nov09
	28	Oct04	Oct08	Oct29	Nov14	Nov28
West Liberty 3 NW	36	Sep04	Sep17	Sep27	Oct16	Oct18
	32	Sep04	Sep22	Oct04	Oct27	Nov02
	28	Sep27	Oct01	Oct19	Nov04	Nov08
Williamsburg	36	Sep23	Sep24	Oct05	Oct21	Nov06
	32	Sep30	Oct04	Oct17	Nov05	Nov13
	28	Oct10	Oct17	Oct25	Nov07	Nov14

Average Date:

**Background:** The table above was developed for major cities across the state of Kentucky based on the 1981-2010 Climate Normals. This information can assist in knowing when to plant or harvest various crops, fruit, or vegetables across the Bluegrass State. The probability level is used in a way that 90%, 50%, or 10% displays the chance that the threshold temperature will occur before the respective date. 50% can be seen as the average date that each temperature is met for the first time. Also included are the earliest and latest dates that a particular threshold temperature has occurred at each location over the time-span.

**Sources:** National Climatic Data Center (NCDC), Midwestern Regional Climate Center (MRCC), UK Ag Weather Center (UKAWC)