

## Spring Freeze / Frost Occurrence Data

Based on 1981-2010 Normals

Station Name	Threshold (F°)	Spring (Date)				
		Probability Level				
		Earliest	90	50	10	Latest
Ashland	36	Apr11	Apr19	May08	May27	Jul02
	32	Apr10	Apr11	May02	May21	Jun10
	28	Mar25	Apr07	Apr15	May14	May25
Barbourville	36	Apr10	Apr13	Apr29	May14	May22
	32	Mar25	Apr02	Apr18	May07	May22
	28	Mar19	Mar22	Apr06	Apr18	Apr30
Bowling Green AP	36	Mar30	Apr05	Apr17	May03	May21
	32	Mar19	Mar26	Apr05	Apr18	Apr22
	28	Feb22	Mar06	Mar27	Apr09	Apr19
Cincinnati Covington AP	36	Apr09	Apr13	Apr27	May09	May21
	32	Mar29	Apr03	Apr19	May03	May18
	28	Mar18	Mar23	Apr04	Apr17	Apr22
Jackson Julian Carroll AP	36	Apr01	Apr05	Apr18	May13	May18
	32	Mar21	Mar26	Apr08	Apr23	May15
	28	Feb14	Mar11	Mar30	Apr10	Apr22
Lexington Blue Grass AP	36	Apr05	Apr10	Apr26	May07	May18
	32	Mar27	Apr03	Apr11	Apr26	May18
	28	Feb14	Mar11	Apr03	Apr17	Apr22
Louisville International AP	36	Mar28	Mar31	Apr11	Apr23	May06
	32	Mar14	Mar23	Apr03	Apr17	Apr22
	28	Feb11	Mar09	Mar21	Apr09	Apr22
Paducah Barkley Regional AP	36	Mar29	Apr05	Apr17	May01	May15
	32	Mar06	Mar27	Apr08	Apr20	Apr27
	28	Mar03	Mar10	Mar27	Apr09	Apr19
Princeton 1 SE	36	Mar30	Apr01	Apr21	May10	May15
	32	Mar06	Mar26	Apr09	Apr27	May02
	28	Feb29	Mar09	Apr02	Apr14	Apr19
Somerset 2 N	36	April08	Apr10	Apr30	May13	May21
	32	Mar24	Apr01	Apr18	May11	May18
	28	Feb26	Mar24	Apr09	Apr21	May03
West Liberty 3 NW	36	Apr19	May03	May13	Jun06	Jun10
	32	Apr06	Apr11	May03	May22	May27
	28	Apr02	Apr07	Apr19	May10	May22
Williamsburg	36	Apr10	Apr13	Apr28	May16	May22
	32	Mar29	Mar31	Apr18	May01	May10
	28	Mar22	Mar27	Apr05	Apr20	Apr26

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 aid 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 percentage that the threshold temperature will occur after the respective date. 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)