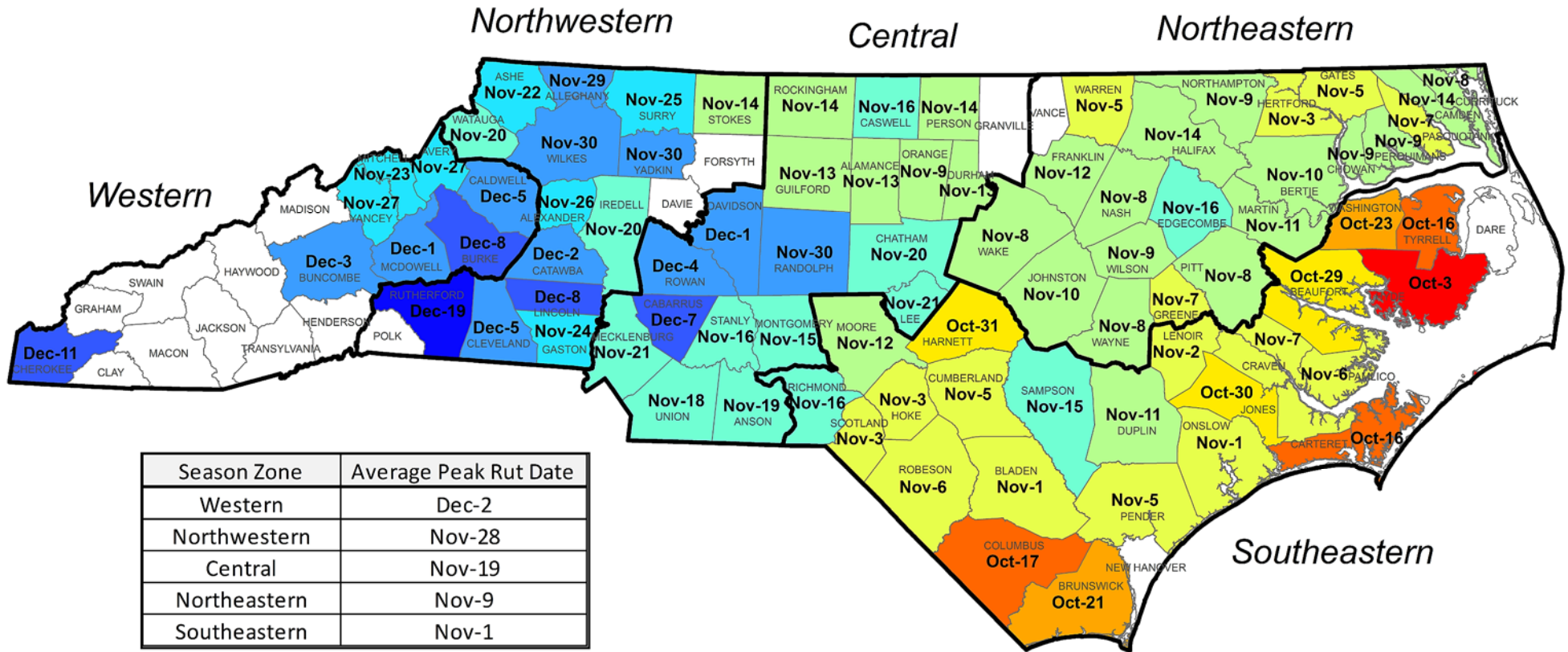


# Estimated Peak Rut Dates

Updated 2018



Peak rut dates are estimated for each county based on reproductive data collected by biologists from various sources, including roadkill and late season hunter harvested does. The accuracy/precision of the estimated peak rut date for any given county can be influenced by the number of samples collected, and typically there is less confidence in estimates that are based on few samples (see page 2 for county sample sizes). Within any given area, there is considerable variation in the timing of rut activity, and some does are bred before peak rut while others are bred well after peak rut. Little variation exists in peak breeding activity from one year to the next within a given area as doe estrus cycles are triggered by shortening day length during the fall, rather than weather events, including moon phase.

Number of reproductive samples collected through May 2018. Additional samples are needed in some counties to increase precision/accuracy of estimated peak rut dates.

COUNTY	SAMPLES
ALAMANCE	12
ALEXANDER	4
ALLEGHANY	7
ANSON	7
ASHE	8
AVERY	18
BEAUFORT	8
BERTIE	18
BLADEN	11
BRUNSWICK	26
BUNCOMBE	13
BURKE	43
CABARRUS	5
CALDWELL	15
CAMDEN	2
CARTERET	26
CASWELL	5
CATAWBA	16
CHATHAM	9
CHEROKEE	6
CHOWAN	12
CLAY	0
CLEVELAND	6
COLUMBUS	19
CRAVEN	23
CUMBERLAND	6
CURRITUCK	5
DARE	6
DAVIDSON	14
DAVIE	3
DUPLIN	10
DURHAM	6
EDGECOMBE	8

COUNTY	SAMPLES
FORSYTH	0
FRANKLIN	13
GASTON	17
GATES	24
GRAHAM	0
GRANVILLE	4
GREENE	18
GUILFORD	18
HALIFAX	5
HARNETT	6
HAYWOOD	2
HENDERSON	2
HERTFORD	15
HOKE	7
HYDE	245
IREDELL	11
JACKSON	0
JOHNSTON	6
JONES	13
LEE	8
LENOIR	7
LINCOLN	11
MACON	4
MADISON	1
MARTIN	6
MCDOWELL	12
MECKLENBURG	7
MITCHELL	15
MONTGOMERY	79
MOORE	9
NASH	8
NEW HANOVER	2
NORTHAMPTON	13

COUNTY	SAMPLES
ONSLOW	52
ORANGE	7
PAMLICO	10
PASQUOTANK	9
PENDER	17
PERQUIMANS	14
PERSON	9
PITT	18
POLK	1
RANDOLPH	11
RICHMOND	18
ROBESON	16
ROCKINGHAM	20
ROWAN	10
RUTHERFORD	9
SAMPSON	7
SCOTLAND	5
STANLY	34
STOKES	47
SURRY	18
SWAIN	0
TRANSYLVANIA	0
TYRRELL	6
UNION	9
VANCE	3
WAKE	21
WARREN	8
WASHINGTON	8
WATAUGA	10
WAYNE	11
WILKES	23
WILSON	11
YADKIN	6
YANCEY	13