

WEST NILE VIRUS ACTIVITY 2018



MOSQUITO DATA

FROM 7/08/18 - 7/21/18

ARBOVIRAL DISEASES INCLUDE: ZIKA, DENGUE, MALARIA, AND CHIKAGUNYA

COLLECTED FROM DAWSON, PHELPS, AND BUFFALO COUNTIES

Each week, mosquito trappers in our district send mosquitoes to the Nebraska Public Health Lab at UNMC in Omaha. Overall, 156 pools in 28 counties are tested for viruses carried by mosquitoes. These mosquitoes are tested for the West Nile Virus in order to track the spread of the disease.

There is currently 1 cases of West Nile Virus in the TRPHD area.

COLLECTION WEEK	STARTING	ENDING	# OF POSITIVE CASES	TWO RIVERS	NEBRASKA
WEEKS 22 & 23	5/11/18	6/9/18	HUMAN CASES OF WEST NILE	0	3 (1 asymptomatic)
WEEKS 23 & 24	6/3/18	6/16/18	EQUINE AND BIRD CASES OF WEST NILE	0	3 birds, 2 negative, 1 unsuitable for testing
WEEKS 24 & 25	6/10/18	6/23/18	MOSQUITOS POSITIVE FOR ARBOVIRUSES	1 pool, Phelps County	6 pools, Phelps, Box Butte, Garden, Wayne, Scotts Bluff, and Lancaster Counties
WEEKS 25 & 26	6/17/18	6/30/18			
WEEKS 26 & 27	6/24/18	7/07/18			
WEEKS 27 & 28	7/01/18	7/14/18	HUMAN CASES OF OTHER ARBOVIRUSES	0	3 travel related cases of Malaria, 1 travel related case of Dengue
WEEKS 28 & 29	7/08/18	7/21/18			

TRPHD ENVIRONMENTAL CONDITIONS		
Precipitation in inches	3 -6	Page 4 of report
Percent of normal precipitation	90-200%	Page 5 of report
Departure from normal temperature	(-2)-2 degrees above average	Page 6 of report
Drought monitoring	No drought conditions are reported in the TRPHD area	Page 8 of report