WEST NILE VIRUS ACTIVITY 2018



MOSQUITO DATA

ARBOVIRAL DISEASES INCLUDE: ZIKA, DENGUE, MALARIA, AND CHIKAGUNYA FROM 7/01/18 - 7/14/18

COLLECTED FROM DAWSON, PHELPS, AND BUFFALO COUNTIES

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

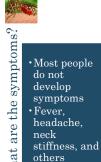
There are currently no cases of arboviral diseases in the TRPHD area. A pool in Phelps County has tested positive for West Nile. August is traditionally the month with the most risk of contracting West Nile Virus.

COLLECTION WEEK	STARTING	ENDING
WEEKS 22 & 23	5/11/18	6/9/18
WEEKS 23 & 24	6/3/18	6/16/18
WEEKS 24 & 25	6/10/18	6/23/18
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

·.	# OF POSITIVE CASES	TWO RIVERS	NEBRASKA
	HUMAN CASES OF WEST NILE	0	3 (1 asymptomatic)
	EQUINE AND BIRD CASES OF WEST NILE	0	3 birds, 2 negative, 1 unsuitable for testing
	MOSQUITOS POSITIVE FOR ARBOVIRUSES	1 pool, Phelps County	3 pools, Phelps, Box Butte and Lancaster Counties
	HUMAN CASES OF OTHER ARBOVIRUSES	0	3 travel related cases of Malaria, 1 travel related case of Dengue



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TWO RIVERS PUBLIC HEALTH DEPARTMENT ENVIRONMENTAL CONDITIONS						
Precipitation in inches	3.5 -8	Page 4 of report				
Percent of normal precipitation	70-200%	Page 5 of report				
Departure from normal temperature	0-4 degrees above average	Page 6 of report				
Drought monitoring	No drought conditions are reported in the TRPHD area	Page 8 of report				