

WEST NILE VIRUS ACTIVITY 2018



MOSQUITO DATA

FROM 6/24/18 - 7/07/18

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

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. Due to recent rainfall the number of mosquitos is expected to increase.

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

OF POSITIVE CASES

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



What is West Nile?

- It's a virus spread most commonly by mosquitos to humans
- It's grouped with arboviruses



What are the symptoms?

- Most people do not develop symptoms
- Fever, headache, neck stiffness, and others



What Can I do?

- Cover skin
- Use insect repellent
- Cover cribs and strollers with mosquito netting.

TWO RIVERS PUBLIC HEALTH DEPARTMENT ENVIRONMENTAL CONDITIONS

Precipitation in inches	3.5 -6.5	Page 4 of report
Percent of normal precipitation	70-200%	Page 5 of report
Departure from normal temperature	2-6 degrees above average	Page 6 of report
Drought monitoring	No drought conditions are reported in the TRPHD area	Page 8 of report