

# STATE OF TEXAS, STATE OPERATIONS CENTER (SOC)

**SUBJECT: West Nile Virus (WNV)**

**SITUATION REPORT # 13**

**DATE AND TIME COVERED: Thursday, September 24, 2009, 8:00 a.m. through Thursday, October 01, 2009, 8:00 a.m.**

**1. CURRENT SITUATION:** As of September 29, 2009, the Department of State Health Services (DSHS) is reporting that since January of 2009, a total of 1 human WNND in Brown County, 1 horse in Caldwell County, 1 horse in Cameron County, 1 horse in Comanche County, 77 mosquitoes, 10 human WNND, 2 human WNF in Dallas County, 1 human WNND, 1 human WNF, 8 mosquitoes in Denton County, 2 human WNF, 13 human WNND, and 6 mosquitoes in El Paso County, 1 human WNND in Floyd County, 1 mosquito in Galveston County, 1 human WNF, 4 human WNND, and 230 mosquitoes in Harris County, 1 human WNF in Haskell county, 1 horse in Hunt County, 1 mosquito in Jefferson County, 6 mosquitoes in Lubbock County, 1 human WNND in Montague County, 5 human WNND and 28 mosquitoes in Montgomery County, 1 human WNND in Navarro County, 1 horse in Ochiltree County, 1 human WNND and 1 mosquito in Orange County, 1 human WNND in Potter County, 1 human WNND and 2 mosquitoes in Randall County, 13 human WNND, 5 human WNF, and 2 mosquitoes in Tarrant County, 1 human WNND in Tyler County, 1 horse in Washington County and 3 mosquitoes in Wichita County.

- (1) Human Cases of West Nile Neuroinvasive Disease (WNND) Virus: 54 in 14 counties
- (2) Human Cases of West Nile Fever (WNF): 12 in 6 counties
- (3) Mosquito: 365 in 12 counties
- (4) Horse: 6 in 6 counties

One death was attributed to the West Nile Neuroinvasive Disease in Brazos County in 2008. There were 17 human fatalities in 2007.

**2. AREAS AFFECTED BY EVENT:** as of 06:05:04, 29 September, 2009 per DSHS.

#	County	Human (WNND)	Human (WNF)	Mosquito	Horse	Total
1	Brown	1	0	0	0	1
2	Caldwell	0	0	0	1	1
3	Cameron	0	0	0	1	1
4	Comanche	0	0	0	1	1
5	Dallas	10	2	77	0	89
6	Denton	1	1	8	0	10

7	<i>El Paso</i>	13	2	6	0	21
8	<i>Floyd</i>	1	0	0	0	1
9	<i>Galveston</i>	0	0	1	0	1
10	<i>Harris</i>	4	1	230	0	235
11	<i>Haskell</i>	0	1	0	0	1
12	<i>Hunt</i>	0	0	0	1	1
13	<i>Jefferson</i>	0	0	1	0	1
14	<i>Lubbock</i>	0	0	6	0	6
15	<i>Montague</i>	1	0	0	0	1
16	<i>Montgomery</i>	5	0	28	0	33
17	<i>Navarro</i>	1	0	0	0	1
18	<i>Ochiltree</i>	0	0	0	1	1
19	<i>Orange</i>	1	0	1	0	2
20	<i>Potter</i>	1	0	0	0	1
21	<i>Randall</i>	1	0	2	0	3
22	<i>Tarrant</i>	13	5	2	0	20
23	<i>Tyler</i>	1	0	0	0	1
24	<i>Washington</i>	0	0	0	1	1
25	<i>Wichita</i>	0	0	3	0	3
<b><u>Total</u></b>		<b><u>54</u></b>	<b><u>12</u></b>	<b><u>365</u></b>	<b><u>6</u></b>	<b><u>437</u></b>



TDSHS Laboratory: 512-458-7592 or 512-458-7515

TDSHS web site: <http://www.dshs.state.tx.us/>

Other TDSHS WNV sites include:

TDSHS Zoonosis Control Group: WNV website: <http://www.dshs.state.tx.us/idcu/health/zoonosis/>

Frequently asked questions:

<http://www.dshs.state.tx.us/idcu/disease/arboviral/westNile/information/general/Faqs/>

Local WNV contacts:

<http://www.dshs.state.tx.us/IDCU/disease/Arboviral/WestNile/Information/More/Contacts/default.asp>

Annual Statistics: <http://www.dshs.state.tx.us/idcu/disease/arboviral/westNile/statistics/annual/>

Symptoms:

Cases by county

<http://www.dshs.state.tx.us/idcu/disease/arboviral/westNile/statistics/detailed/>

### **Federal:**

Centers for Disease Control and Prevention (CDC) WNV Information Line (toll-free):

English: 1-888-246-2675

Spanish: 1-888-246-2857

CDC web site: <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm>

Other CDC WNV sites include:

Overview: <http://www.cdc.gov/ncidod/dvbid/westnile/qa/overview.htm>

Background: <http://www.cdc.gov/ncidod/dvbid/westnile/background.htm>

Questions and answers: <http://www.cdc.gov/ncidod/dvbid/westnile/q&a.htm>

Prevention tips: <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm#prevention>

Related publications: <http://www.cdc.gov/ncidod/dvbid/westnile/publications.htm>

Frequently asked questions: <http://www.cdc.gov/ncidod/dvbid/westnile/q&a.htm>

Insect repellent safety: [http://www.cdc.gov/ncidod/dvbid/westnile/qa/insect\\_repellent.htm](http://www.cdc.gov/ncidod/dvbid/westnile/qa/insect_repellent.htm)

Links to state and local sites: [http://www.cdc.gov/ncidod/dvbid/westnile/city\\_states.htm](http://www.cdc.gov/ncidod/dvbid/westnile/city_states.htm)

Statistics, surveillance, and control: <http://www.cdc.gov/ncidod/dvbid/westnile/surv&control.htm>

Education and training: <http://www.cdc.gov/ncidod/dvbid/westnile/education.htm>

Clinical guidance: [http://www.cdc.gov/ncidod/dvbid/westnile/clinical\\_guidance.htm](http://www.cdc.gov/ncidod/dvbid/westnile/clinical_guidance.htm)

Ecology and virology: <http://www.cdc.gov/ncidod/dvbid/westnile/ecology.htm>

Conferences: <http://www.cdc.gov/ncidod/dvbid/westnile/conf/index.htm>

Who is at risk: [http://www.cdc.gov/ncidod/dvbid/westnile/qa/who\\_risk.htm](http://www.cdc.gov/ncidod/dvbid/westnile/qa/who_risk.htm)

Symptoms: <http://www.cdc.gov/ncidod/dvbid/westnile/qa/symptoms.htm>

Laboratory guidance: [http://www.cdc.gov/ncidod/dvbid/westnile/lab\\_guidance.htm](http://www.cdc.gov/ncidod/dvbid/westnile/lab_guidance.htm)

Environmental Protection Agency (EPA)

Insect repellent information: <http://www.epa.gov/pesticides/health/mosquitoes/insectrp.htm>

DEET information: [www.epa.gov/pesticides/factsheets/chemicals/deet.htm](http://www.epa.gov/pesticides/factsheets/chemicals/deet.htm)

U. S. Geological Survey web site (for maps showing the occurrence of WNV in humans, birds, and other animals): [http://cindi.usgs.gov/hazard/event/west\\_nile/west\\_nile.html](http://cindi.usgs.gov/hazard/event/west_nile/west_nile.html)

- 6. COMMENTS:** West Nile Virus cases usually occur in the late summer or early fall. However, Texas has a variety of climates, and when temperatures are mild, West Nile Virus can be transmitted year round. It is best to protect yourself all year. The "Four D's" should be implemented to defend against West Nile Virus.

- DUSK and DAWN are the times of day to limit outdoor activities. This is when infected mosquitoes are most active.
- DRESS in long sleeves and pants when outside. For extra protection, thin clothing can be sprayed with repellent.
- DEET is an ingredient to look for in an insect repellent. Follow label instructions and always wear repellent when outdoors.
- DRAIN standing water in old tires, flowerpots, and clogged rain gutters. These are mosquito-breeding sites.

The Texas Division of Emergency Management, the Texas Department of Health, the Texas Animal Health Commission, and the Texas Parks and Wildlife Department are closely monitoring the situation, not only in Texas, but in adjacent states as well. The SOC is presently at activation Level I (Emergency Conditions) to support Border Security Operations. **This situation report will be produced as conditions warrant.**

**The four levels of SOC activation are:**

- Level I (Emergency Conditions)
- Level II (Escalated Response Conditions)
- Level III (Increased Readiness Conditions)
- Level IV (Normal Conditions)

*This Situation Report can be found on the DEM Homepage at [www.txdps.state.tx.us/dem](http://www.txdps.state.tx.us/dem)*

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