

NOTICE

HIGH RISK LEVELS IN HOPKINTON

For Eastern Equine Encephalitis and West Nile Virus

The Department of Public Health announced late on September 7, 2012 that after additional review of the Eastern Equine Encephalitis (EEE) human case that resulted in the death of a Middlesex County resident indicated the individual was likely exposed in Westborough. As such the Town of Hopkinton has been raised to HIGH Risk for Mosquito Borne Illness. In light of the latest notice of September 10, 2012 of a third human case of Eastern Equine Encephalitis (EEE) in Massachusetts and after discussions with Police, Fire, School, Parks and Recreation the Town of Hopkinton through the Board of Health Office announces until further notice all organized evening outdoor events or activities on public properties are cancelled from the period of ½ hour before sunset and ½ hour after sunrise. As daylight changes each day Sunrise/Sunset will change. Attached is the Sunrise/Sunset schedule for Hopkinton for September and October to use as a guide.

School officials will be working on details of cancelled events or rescheduling and will release information as soon as it is available.

Risk from mosquitoes is expected to remain elevated until after the first hard frost. Personal protection is your best response to prevent this illness. Apply insect repellent when outdoors, avoid outdoor activity from dusk to dawn, and wear long-sleeves, long pants and socks to help keep mosquitoes from your skin.

More information, including all West Nile Virus and Eastern Equine Encephalitis positive results from 2012, can be found on the Arbovirus Surveillance Information web page at www.mass.gov/dph/wnv or by calling the Department of Public Health Epidemiology Program at (617)983-6800.

The Hopkinton Board of Health will provide additional information when it is available or conditions change.

September 2012

Hopkinton, Massachusetts, USA

Latitude, Longitude: 42 13.3' N, 71 31.2' W Time zone: -5:00 (Eastern) DST observance: North America

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 Sunrise: 6:11am Sunset: 7:21pm
2 Sunrise: 6:12am Sunset: 7:19pm	3 Sunrise: 6:14am Sunset: 7:17pm	4 Sunrise: 6:15am Sunset: 7:16pm	5 Sunrise: 6:16am Sunset: 7:14pm	6 Sunrise: 6:17am Sunset: 7:12pm	7 Sunrise: 6:18am Sunset: 7:11pm	8  Sunrise: 6:19am Sunset: 7:09pm Last Qtr: 9:16am
9 Sunrise: 6:20am Sunset: 7:07pm	10 Sunrise: 6:21am Sunset: 7:05pm	11 Sunrise: 6:22am Sunset: 7:04pm	12 Sunrise: 6:23am Sunset: 7:02pm	13 Sunrise: 6:24am Sunset: 7:00pm	14 Sunrise: 6:25am Sunset: 6:58pm	15  Sunrise: 6:26am Sunset: 6:57pm New Moon: 10:12pm
16 Sunrise: 6:27am Sunset: 6:55pm	17 Sunrise: 6:28am Sunset: 6:53pm	18 Sunrise: 6:29am Sunset: 6:51pm	19 Sunrise: 6:30am Sunset: 6:50pm	20 Sunrise: 6:31am Sunset: 6:48pm	21 Sunrise: 6:32am Sunset: 6:46pm	22  Sunrise: 6:33am Sunset: 6:44pm First Qtr: 3:42pm
23 Sunrise: 6:35am Sunset: 6:42pm	24 Sunrise: 6:36am Sunset: 6:41pm	25 Sunrise: 6:37am Sunset: 6:39pm	26 Sunrise: 6:38am Sunset: 6:37pm	27 Sunrise: 6:39am Sunset: 6:35pm	28 Sunrise: 6:40am Sunset: 6:34pm	29  Sunrise: 6:41am Sunset: 6:32pm Full Moon: 11:20pm
30 Sunrise: 6:42am Sunset: 6:30pm						

October 2012

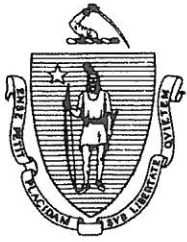
Hopkinton, Massachusetts, USA

Latitude, Longitude: 42 13.3' N, 71 31.2' W Time zone: -5:00 (Eastern) DST observance: North America

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Sunrise: 6:43am Sunset: 6:28pm	2 Sunrise: 6:44am Sunset: 6:27pm	3 Sunrise: 6:45am Sunset: 6:25pm	4 Sunrise: 6:46am Sunset: 6:23pm	5 Sunrise: 6:48am Sunset: 6:22pm	6 Sunrise: 6:49am Sunset: 6:20pm
7 Sunrise: 6:50am Sunset: 6:18pm	8  Sunrise: 6:51am Sunset: 6:16pm Last Qtr: 3:34am	9 Sunrise: 6:52am Sunset: 6:15pm	10 Sunrise: 6:53am Sunset: 6:13pm	11 Sunrise: 6:54am Sunset: 6:11pm	12 Sunrise: 6:55am Sunset: 6:10pm	13 Sunrise: 6:57am Sunset: 6:08pm
14 Sunrise: 6:58am Sunset: 6:07pm	15  Sunrise: 6:59am Sunset: 6:05pm New Moon: 8:04am	16 Sunrise: 7:00am Sunset: 6:03pm	17 Sunrise: 7:01am Sunset: 6:02pm	18 Sunrise: 7:02am Sunset: 6:00pm	19 Sunrise: 7:03am Sunset: 5:59pm	20 Sunrise: 7:05am Sunset: 5:57pm
21  Sunrise: 7:06am Sunset: 5:56pm First Qtr: 11:33pm	22 Sunrise: 7:07am Sunset: 5:54pm	23 Sunrise: 7:08am Sunset: 5:53pm	24 Sunrise: 7:09am Sunset: 5:51pm	25 Sunrise: 7:11am Sunset: 5:50pm	26 Sunrise: 7:12am Sunset: 5:48pm	27 Sunrise: 7:13am Sunset: 5:47pm
28 Sunrise: 7:14am Sunset: 5:46pm	29  Sunrise: 7:15am Sunset: 5:44pm Full Moon: 3:51pm	30 Sunrise: 7:17am Sunset: 5:43pm	31 Sunrise: 7:18am Sunset: 5:42pm			

Latitude and longitude are
not for navigational purposes.

Daylight Saving/Summer Time is in effect for the entire month.
Courtesy of www.SunriseSunset.com
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FOR IMMEDIATE RELEASE:
September 10, 2012

FURTHER INFORMATION:
Anne Roach (617) 624-5006

**STATE HEALTH OFFICIALS ANNOUNCE THIRD HUMAN CASE OF EASTERN
EQUINE ENCEPHALITIS IN MASSACHUSETTS**

Residents urged to take precautions against mosquito bites until first hard frost

BOSTON – Monday, September 10, 2012 – The Massachusetts Department of Public Health (DPH) today announced the third human case of Eastern Equine Encephalitis (EEE) in a Massachusetts resident. The patient, a female under the age of 18, was diagnosed in early September and is currently hospitalized.

Based on this finding, the EEE threat level has been raised in several towns in Franklin County and Worcester County. The EEE threat level has been raised to “Critical” in Athol, Orange, and Royalston, and to “High” in Erving, Petersham, Phillipston, Templeton, Warwick, Wendell, and Winchendon. Communities which have been designated at either “Critical” or “High” risk of EEE are urged to cancel all planned evening outdoor events for the remainder of the season until the first hard frost.

“Any diagnosis of EEE is concerning – but especially so when it involves a young person,” said DPH Commissioner John Auerbach. “Our thoughts and prayers are with her parents and family. In the meantime, this is a compelling reminder that we all need to continue to be vigilant in protecting ourselves and our families against mosquito bites and the very serious illnesses they can cause.”

Health officials have also detected a third case of EEE in a horse stabled in Rochester. Based on this diagnosis, the EEE threat level has been raised to “Critical” in Rochester and to “High” in Acushnet, Freetown, Marion, and Wareham. Communities which have been designated at either “Critical” or “High” risk of EEE are urged to cancel all planned evening outdoor events for the remainder of the season until the first hard frost. Mosquito control projects will be increasing ground spraying activities in these communities.

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“People sometimes think that the threat of mosquitoes is over when summer ends, but the fact is that mosquitoes continue to be active well into the fall,” said DPH State Epidemiologist Dr. Al DeMaria. “That’s why it’s so important that we stay on guard against mosquito bites – use insect repellent, cover up exposed skin, and avoid outdoor activities at dusk and nighttime when mosquitoes are at their most active. “

There have now been three confirmed human cases of EEE in Massachusetts residents this year, including one case that resulted in the death of a Worcester man in his 70s. . There were two cases of EEE in August of last year acquired in Massachusetts; a fatal case in a Bristol County man and an infection in a tourist from out of state. EEE activity in both 2010 and 2011 raised public concern and prompted DPH to work with a panel of experts to evaluate and enhance the state’s surveillance and response program. EEE is spread to humans through the bite of an infected mosquito. Initial symptoms of EEE are fever (often 103° to 106°F), stiff neck, headache, and lack of energy, and in severe cases can progress to confusion, disorientation, and coma. EEE is a serious disease in all ages and can even cause death.

People have an important role to play in protecting themselves and their loved ones from illnesses caused by mosquitoes:

Avoid Mosquito Bites

Apply Insect Repellent when Outdoors. Use a repellent with DEET (N, N-diethyl-m-toluamide), permethrin, picaridin (KBR 3023), oil of lemon eucalyptus [p-methane 3, 8-diol (PMD)] or IR3535 according to the instructions on the product label. DEET products should not be used on infants under two months of age and should be used in concentrations of 30% or less on older children. Oil of lemon eucalyptus should not be used on children under three years of age.

Be Aware of Peak Mosquito Hours. The hours from dusk to dawn are peak biting times for many mosquitoes. Consider rescheduling outdoor activities that occur during evening or early morning.

Clothing Can Help Reduce Mosquito Bites. Wearing long-sleeves, long pants and socks when outdoors will help keep mosquitoes away from your skin.

Mosquito-Proof Your Home

Drain Standing Water. Mosquitoes lay their eggs in standing water. Limit the number of places around your home for mosquitoes to breed by either draining or discarding items that hold water. Check rain gutters and drains. Empty any unused flowerpots and wading pools, and change water in birdbaths frequently.

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Third Human Case of EEE, page 3 of 3

Install or Repair Screens. Keep mosquitoes outside by having tightly-fitting screens on all of your windows and doors.

Protect Your Animals

Animal owners should reduce potential mosquito breeding sites on their property by eliminating standing water from containers such as buckets, tires, and wading pools – especially after heavy rains. Water troughs provide excellent mosquito breeding habitats and should be flushed out at least once a week during the summer months to reduce mosquitoes near paddock areas. Horse owners should keep horses in indoor stalls at night to reduce their risk of exposure to mosquitoes. If an animal is diagnosed with WNV or EEE, owners are required to report to DAR, Division of Animal Health by calling 617-626-1795 and to the Department of Public Health (DPH) by calling 617-983-6800.

More information, including all WNV and EEE positive results from 2012, can be found on the Arbovirus Surveillance Information web page at www.mass.gov/dph/wnv or by calling the DPH Epidemiology Program at 617-983-6800. The findings of the DPH Eastern Equine Encephalitis Expert Panel can be found [here](#).

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