

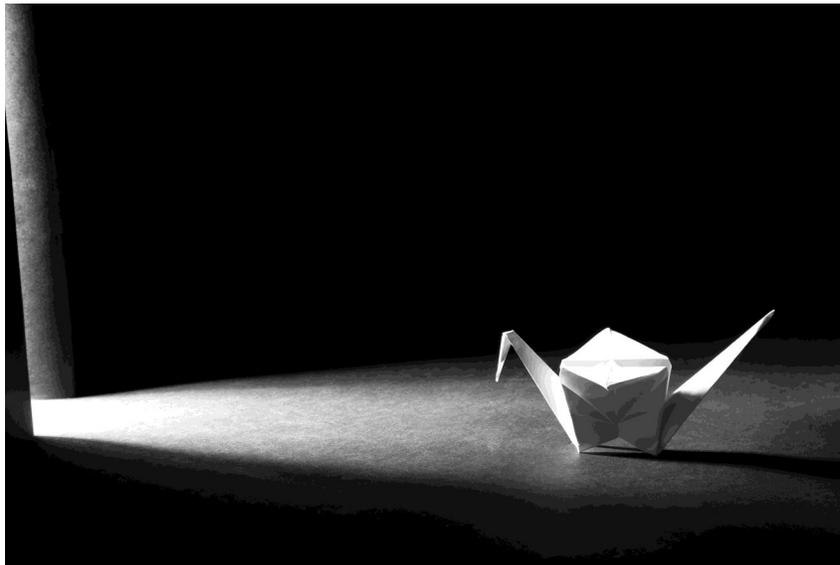
National Park Service Department of the Interior

Manhattan Project National Historical Park
Oak Ridge, Tennessee



Manhattan Project History in July

- The first explosion in the implosion research program was conducted by Seth Neddermeyer on July 4, 1943.
- On July 4, 1944 development of a gun-type plutonium weapon, "Thin Man" was abandoned. Implosion became top priority.
- The 509th Composite Group began flying practice missions over Japan in July of 1945.
- Casting of the U-235 projectile for "Little Boy" was completed on July 3, 1945.
- On July 16, 1945 at 5:29 am the Gadget was successfully detonated at the Trinity test site near Alamogordo, NM, the world's first atomic detonation. The steel tower holding the Gadget in place was vaporized in the explosion with an amount of energy released equal to 20-22 kilotons of TNT.
- President Truman issued the Postdam Declaration on July 26, 1945, warning Japan of "prompt and utter destruction" and requiring unconditional surrender of the Japanese armed forces. The Japanese government rejected the demand 3 days later.
- All components for Little Boy arrived at Tinian Island on July 29, 1945. The bomb was assembled and ready for use within two days.



Our Victory Garden Continues to Provide Fresh Produce to Local Oak Ridge Food Pantries. This past month Rangers partnered with Children's Museum of Oak Ridge and began collecting peaches that were grown at the museum. So far we have been able to provide more than 40 pounds of peaches to the community.



Beginning Thursday, July 2, Manhattan Project National Historical Park, at Oak Ridge, Will Reopen Access to the Visitor Contact Center, located at Children's Museum of Oak Ridge (CMOR) and will be open the same hours of operation as CMOR. A return to full operations will continue to be phased and services may be limited. When recreating,

the public should follow local area health orders, practice Leave No Trace principles, avoid crowding. For questions regarding operating hours or to speak with a Ranger call the park at 865-482-1942.

Messages of Peace: Marking 75 years Since Hiroshima & Nagasaki.

The *origami* crane has become a symbol of resilience, strength, and peace. To celebrate these values and recognize the historical trauma of the atomic bombings, we are soliciting paper cranes with messages of peace from the public. Submit an *origami* crane with your personal message of peace written on it. These cranes will be saved in a time capsule and opened in 2045 on the 100th anniversary of the atomic bombings. Use standard *origami* paper size of no larger than 6x6 inch (150 x150 mm) squares. Mail your crane and message of peace to our address below by August 5, 2020.

**Park Visitor Center Desk
at the**

Children's Museum of Oak Ridge

461 W. Outer Drive,

Oak Ridge, TN 37830

(865) 482-1942

or visit us:

www.nps.gov/mapr

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