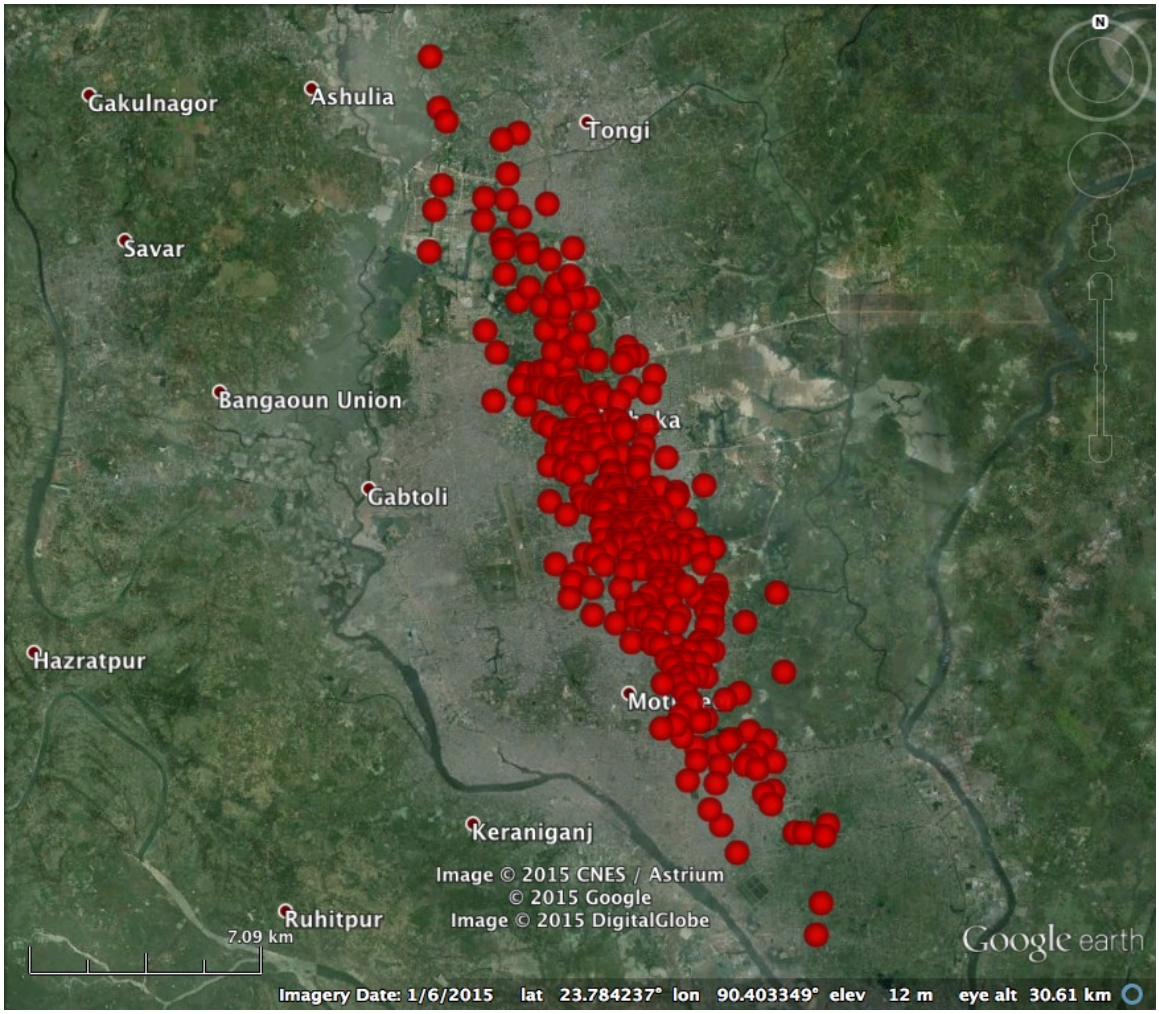
DAY 5: Update 3

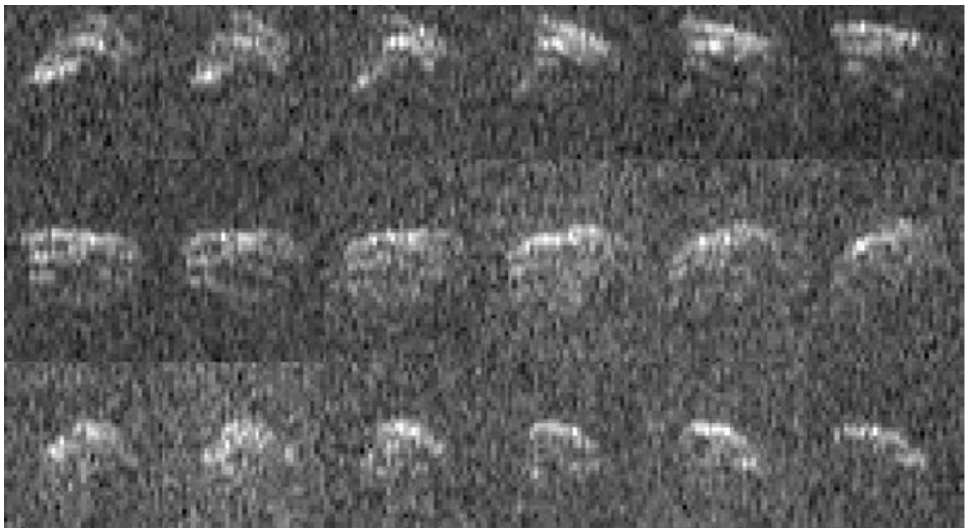
PRESS RELEASE: AUGUST 27, 2022

ASTEROID 2015 PDC HEADED FOR IMPACT NEAR DHAKA, BANGLADESH

Based on radar measurements from NASA's Goldstone station, IAWN predicts that the fragment of 2015 PDC will enter the atmosphere on September 3, 2022 at about 03:50 UTC, and that the impact and/or major blast from the entry will be in the vicinity of Dhaka, the capital city of Bangladesh. The local time in Dhaka will be 9:50 am. Dhaka is the 10th largest city in the world and more than 15 million people are estimated to live in the greater Dhaka area. The image below shows possible impact locations.



Radar measurement of the asteroid fragment reveal that it is about 80 meters (260 feet) in diameter. The first radar mages of the object are shown here:



The fragment will enter the atmosphere at about 16 km/s (almost 36,000 miles per hour) at an angle of about 36 degrees from the horizontal. The energy produced by this entry will most likely be about 18 Megatons, but a crater-forming impact is very unlikely. The object will almost certainly explode in the atmosphere as an airburst, much like the Tunguska explosion of 1908.

For more information, visit: **http://neo.jpl.nasa.gov/pdc15/day5-3.html**