**THE MISR NRT CMV PRODUCT: MISR CLOUD MOTION VECTORS WITH THREE HOUR LATENCY**

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ABSTRACT

The Multi-angle Imaging SpectroRadiometer (MISR) project, in association with the NASA Langley Research Center (LaRC) has adapted an operational software pipeline not originally intended for near real time (NRT) in order to provide cloud motion vector (CMV) data with typical latency under 3 hours for interval between observation and public data availability. This new MISR NRT CMV product is similar to the standard MISR CMV product introduced at the previous workshop, whose 13+ year record of 17.6 km resolution retrievals has now been well validated. Our talk will introduce this new product, which is planned to become available prior to June 2014. We will additionally characterize the latency of data availability, describe challenges overcome to make ithe product available, and assess its quality relative to the standard MISR CMV product.