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Location of DPRK Test Events

Relative locations of the six declared DPRK nuclear test events are presented. Given a well azimuthally distributed dataset of common stations, each with sufficient time-bandwidth product, precise relative arrival times are produced through manual alignment (e.g., Fisk, 2002). These relative arrivals are subsequently used to calculate a network specific travel-time correction via a master event, which is then applied to all events yielding relative master-event locations. The observable test site infrastructure and the geometry of the relative locations are useful in further constraining the absolute location of the cluster of events.

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