

This map shows daily variation in flood water extent along the Indus rivers in Sindh, Punjab, Balochistan and KPK provinces based on time-series MODIS Terra and Aqua datasets from August 17 to August 21, 2010.

Result show that the flood extent is continously increasing during the last 5 days as observed in Shahdad Kot Tehsil of Sindh and Balochistan provinces covering villages of Shahdad, Jamali, Rahoja, Silra. In the Punjab provinces flood has partially increased further in Shujabad Tehsil villages of Bajuwala Tibba, Faizpur, Isanwali, Mulana)as. Over 1000 villages and 100 towns were identified as severly affected by flood waters and analysis was performed using geospatial database received from University of Georgia, google earth and GIS data of NIMA (USGS). Approx. 800 kilometres stretch of national highway and link roads are submerged or partially inundated by flood water.

This analysis also used Pre river line MODIS data for September 19, 2009 to show identify flood water only. Please note that water bodies likely reflect an underestimation of all flood-affected areas within the map extent due to





