Volcanic Ash Impact

Volcano: Tangkubanparahu, 12-May-2017 13:22:00 **Elapsed time since event: 0 hour(s) and 4 minute(s)**

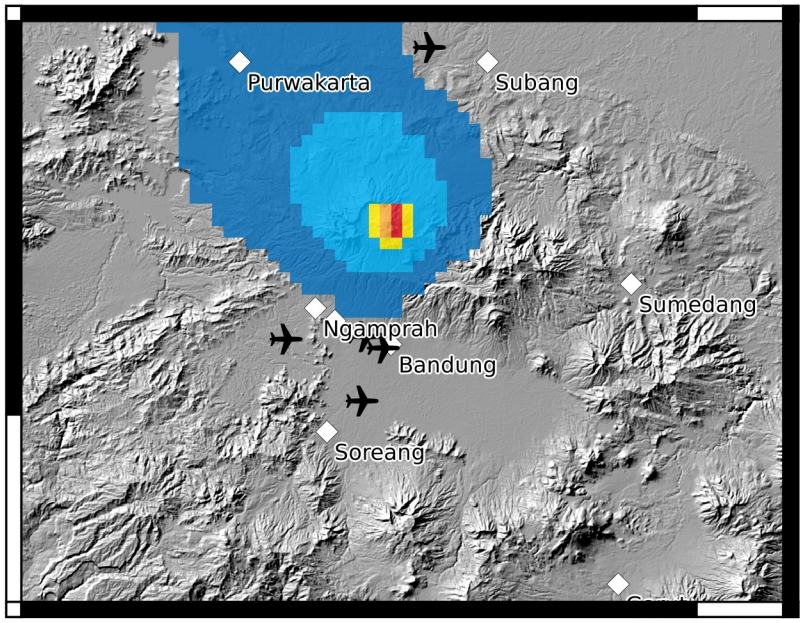
Position: 107°36′0.00″E, 6°46′12.00″S; Eruption Column Height (a.s.l) - 10000 m

Province: Jawa Barat

Alert Level: Normal

Potential impact at each fallout level

Fallout Level	Very Low	Low	Moderate	High	Very High
People Affected (x1000)	**1,300**	**140**	**10**	**10**	**10**
Potential Impact	Impact on health (respiration), livestock, and contamination of water supply.	Damage to transportation routes (e.g. airports, roads, railways); damage to critical infrastructur (e.g. electricity supply); damage to more vulnerable agricultural crops (e.g. rice fields)	Damage to less vulnerable agricultural crops (e.g. tea plantations) and destruction of more vulnerable crops; destruction of critical infrastructure; cosmetic (non-structural) damage to buildings	Dry loading on buildings causing structural damage but not collapse; Wet loading on buildings (i.e. ash loading + heavy rainfall) causing structural collapse.	Dry loading on buildings causing structural collapse.
Ash Thickness Range (cm)	**>0.01 - 0.1**	**>0.1 - 2**	**>2 - 5**	**>5 - 10**	**>10**



Nearby places

Name	People (x1000)/ Airport affected	Fallout Level
Purwakarta	460	Very Low

Land Cover Impact

Land Cover Type	Area affected (km^2)
Plantation	639
Forest	478
Rice Field	389
Water Supply	38
Settlement	127

The impact estimation is automatically generated and only takes into account the population, cities and land cover affected by different levels of volcanic ash fallout at surface level. The estimate is based on volcanic ash fallout data from Badan Geologi, population count data derived by DMInnovation from worldpop.org.uk, place information and land cover classification data provided by Indonesian Geospatial Portal at http://portal.ina-sdi.or.id and software developed by BNPB. Limitation in the estimates of surface fallout, population and place names datasets may result in a significant misrepresentation of the on-the-surface situation in the figures shown here. Consequently, decisions should not be made solely on the information presented here and should always be verified by ground truthing and other reliable information sources.

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