FLASH FLOOD FORECASTING AND WARNING IN MALAYSIA

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Heavy rain causes flash floods, traffic jams in KL and PJ





2015



Flood chaos A flash flood along jalar Cheras in Kuala Lumpu











ROLE OF AGENCIES IN FLOOD FORECAST AND WARNING DISSEMINATION



Weather Monitoring & Forecasting











ADCP/RDCP



Radar Stn

Satellite Ground Receiving Stn

Observation Stn

Upper Air Stn

Auxillary Stn

Webcam



Aviation

Military

Media

Fisheries & Shipping

Public



Oil & Gas

Sport & Recreation

110

Weather Observation Stations

42 Principal Meteorological Stations





394 Auxiliary Weather Stations

(203 stns. are automated)





New High Performance Computing (HPC)





Short – range Warning of Intense Rainstorms in Localized Systems (SWIRLS)





DISSEMINATION OF WEATHER INFORMATION, FORECAST, ADVISORY AND WARNING

- > SMS
- > TV Broadcast
- > Radio Broadcast
- Facsimile (Disaster management agencies)
- ≻ Mass Media
- > Web page: www.met.gov.my
- Social Media Network
 - Facebook: Malaysian-Meteorological-Department
 - Twitter: *m a laysian m et*
 - -Instagram: m etm alaysia









SMART Tunnel Malaysia