

The 9th GEOSS Asia-Pacific Symposium
**“Earth Observations Supporting the Implementation of the SDGs
in the Asia-Pacific Region”**

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Weather & Flood Monitoring Capabilities in the Philippines

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Doppler Weather Radar Program



14 Radars

Aparri	Mactan
Basco	Guiuan
Baguio*	Iloilo
Baler*	Quezon, Palawan
Tagaytay	Hinatuan
Subic	Tampakan
Virac	Zamboanga

Proposed Radars	2017 Budget
Laoang, Northern Samar	
Romblon/Masbate	
Agno	-
Busuanga	-
Daet	-
Bohol	-

* On-going upgrading



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Rolling-out of Automated Weather Stations, Raingauges and Water Level Sensors



- Installation of AWS, more WLS and RGs (in collaboration with ASTI and DOST ROs).



Installation of Marine Buoys/HF



Burias and Bantayan Matnog and Aborlan



Installation of additional Aviation Weather Observing Systems



Aviation Weather Observing Station



Upper-Air Weather Observing Stations (Radiosondes)



Upper-air stations including wind profiler, provide additional data on atmospheric pressure, wind speed and direction, humidity and temperature to complement Met satellite, Doppler radars and ground stations data.



Upper-Air Weather Observing Stations (Wind Profiler)

Science
Garden,
Quezon City



Wind Profiler utilizes sound waves to detect wind speed and direction at various elevations above ground.



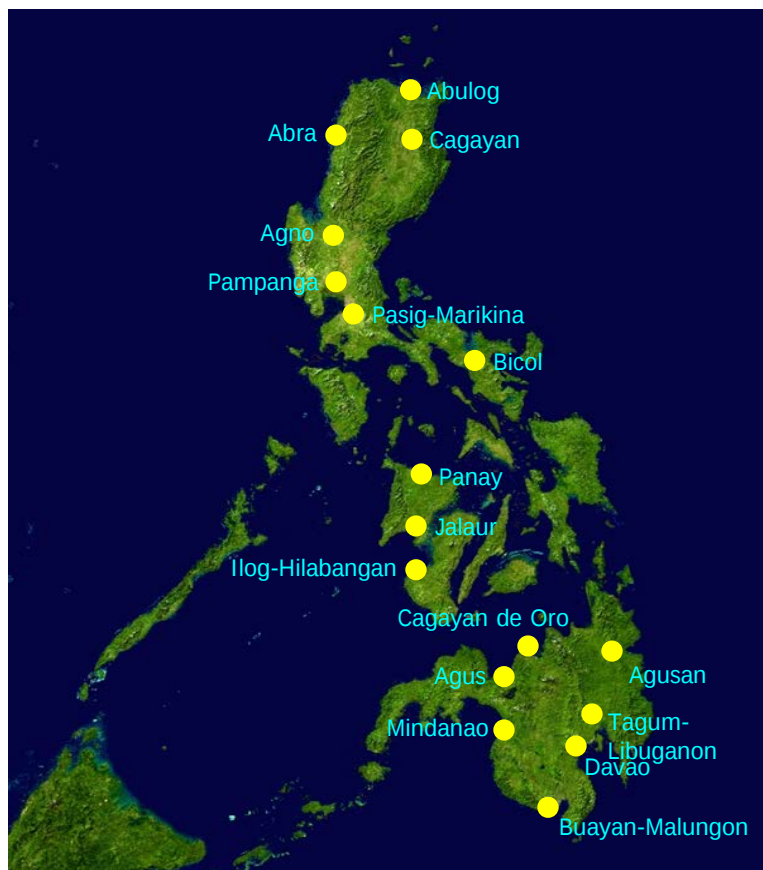
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STRENGTHENING OF FLOOD MONITORING, FORECASTING AND WARNING SYSTEM

Establishment of Flood Forecasting and Warning Centers in Major River Basins



River Basin	Location of Sub-Center
Abra	City Nursery, Vigan City
Abulog	Tuguegarao City
Agno	Agno, Pangasinan
Bicol	Camaligan, Camarines Sur
Cagayan	Tuguegarao City
Pampanga	San Fernando City, Pampanga
Pasig-Marikina	WFFC, Quezon City
Ilog-Hilabangan	Kabankalan City Hall Compound
Jalaur	Co-located at PAGASA Iloilo Doppler Radar Station
Panay	Co-located at PAGASA Roxas Synoptic Station
Agus	Iligan City
Agusan	Prosperidad City
Buayan-Malungon	Co-located at PAGASA Gen. Santos Synoptic Station
Cagayan de Oro	Co-located at Mindanao-PRSD Office, El Salvador City
Tagaloan	
Davao	Co-located at PAGASA Davao Synoptic Station
Mindanao	Cotabato City Hall Compound
Tagum-Libuganon	Tagum City



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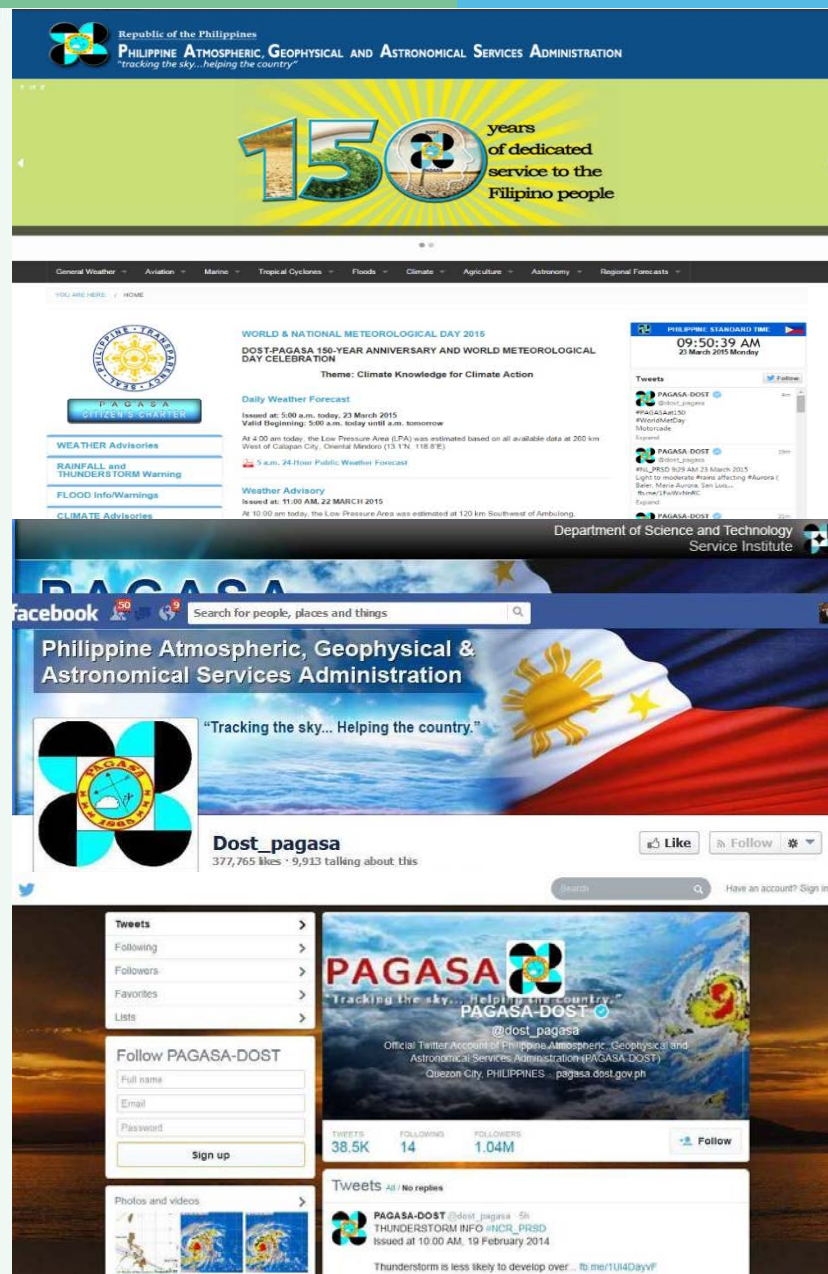
Flood

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