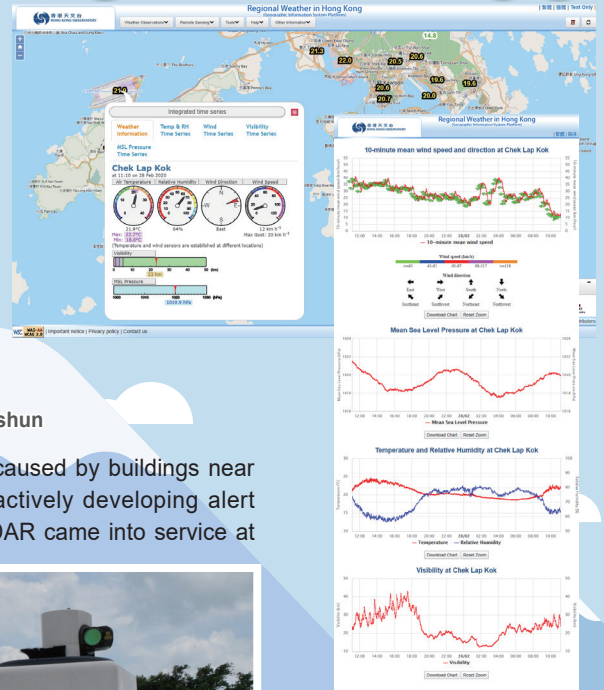




Comprehensive Tool to Display Time Series Added to Regional Weather Webpage

Chan Siu-wai

The Regional Weather Webpage (Geographic Information System Platform) has been enhanced with a comprehensive tool to display time series of various meteorological elements measured at any weather station. Using the tool, members of the public can easily view the variations of meteorological elements at the selected station in the past 24 hours, for an overview of how the weather is evolving at that location.



A New Milestone for Turbulence Warnings

Lee Lap-shun

With the continuous development of the airport, the turbulence that may be caused by buildings near runways has gained attention. In this regard, the Observatory has been actively developing alert technology, and set up a short-range LIDAR near the north runway. This LIDAR came into service at the end of July and can perform finer and more frequent scans to capture turbulence features of smaller spatial and temporal scales induced by nearby buildings, to improve the warning service and assure aviation safety.



Short-range LIDAR near the north runway of the airport

More Observatory Data Sets on Government Public Sector Information Portal



Lee Yiu-fai

PSI Portal

With a view to opening up more data for free use by the public, the Observatory released six new datasets on the Public Sector Information (PSI) Portal (data.gov.hk), covering:

- Daily maximum, mean and minimum temperatures
- Visibility
- Lightning locations
- Tropical cyclone tracks
- Almanac information
- Special Weather Tips

Meanwhile, all RSS datasets have also been migrated to JSON, a more common machine readable format. All datasets and can be found on the HKO website.

Name of Dataset	Frequency of Update (e.g. real-time, daily, weekly, monthly...)	Description
9-day Weather Forecast	Twice daily and as necessary	Provide 9-day weather forecast of Hong Kong
Current Weather Report	Hourly and as necessary	Provide current weather report of Hong Kong
Local Weather Forecast	Hourly and as necessary	Provide local weather forecast for today and/or tomorrow
Weather Warning Information	As and when necessary	Provide detailed information of weather warning(s) in force
Weather Warning Summary	As and	
Special Weather Tips	As and	
Quick Earthquake Messages	As and	
Locally Felt Earth Tremor Report	As and	
Data on daily maximum, mean and minimum temperatures	Monthly	
Regional Weather in Hong Kong - the latest 10-minute mean visibility	Real-time	
Lightning count over Hong Kong territory in the past hour	Real-time	