



# Thematic Webpages for Outdoor Activities

## Weather Information On Hand Outdoor Activities Better Planned

Hong Kong exhibits four distinct seasons of differing weather. The weather can at times vary greatly across the territory. As different outdoor activities are affected in different degree by the weather, the Hong Kong Observatory hosts a number of thematic webpages, and provides personalized and regional weather services for the public to better prepare for the outdoor activities.

### Regional Information on Heavy Rain and Thunderstorm

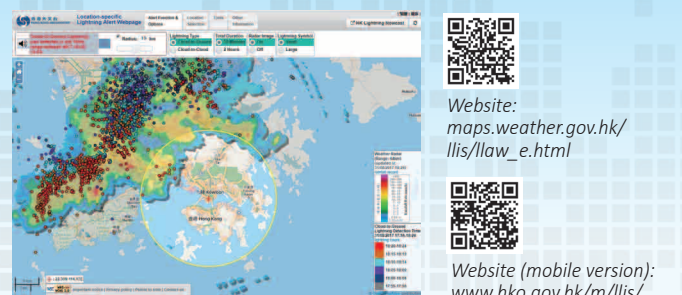
“Regional Information on Heavy Rain and Thunderstorm” webpage allows users to display, on an interactive map the affected regions mentioned in the Announcement on Localised Heavy Rain, the Special Announcement on Flooding in the northern New Territories, and the Thunderstorm Warning, as well as the recorded regional rainfall and lightning locations, so that people can appreciate the regions affected by heavy rain and thunderstorm at a glance while planning or engaging in various outdoor activities.



Regional rainfall and areas affected by heavy rain

Website:  
[www.hko.gov.hk/rhr/main.html](http://www.hko.gov.hk/rhr/main.html)

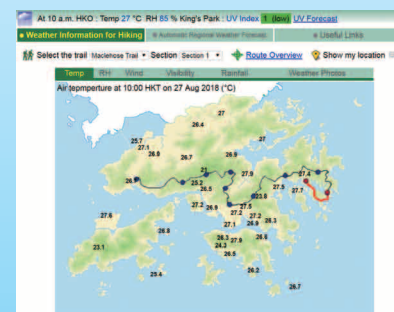
“Location-Specific Lightning Alert” webpage alerts users of lightning activities. Users can specify a lightning alert region with radius up to 30 kilometres in Hong Kong or in the vicinity of the Pearl River Delta. When a lightning stroke is detected within the specified region, an alarm will be sounded to alert users to watch out for the lightning activity in the vicinity.



Real-time lightning location and user-specified alert circle

### Thematic Webpages for Outdoor Activities

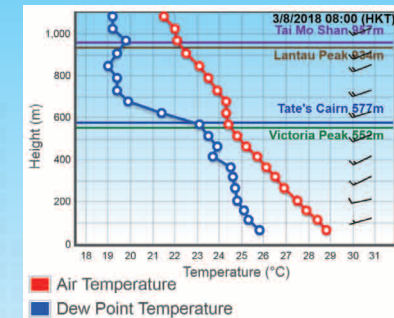
“Weather Information for Hiking and Mountaineering” webpage integrates information on hiking routes of Hong Kong with real-time regional weather information and automatic regional weather forecasts. The webpage enables hikers to overlay selected hiking route or location on various weather maps (such as temperatures, relative humidity, rainfall, wind direction and speed) to better understand the latest weather situation along their routes and plan their hiking and mountaineering activities.



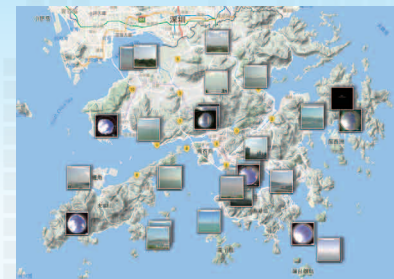
Website:  
[www.hko.gov.hk/sports/hiking\\_e.html](http://www.hko.gov.hk/sports/hiking_e.html)

Regional temperature map integrated with hiking routes

“Weather Information for Outdoor Photography” webpage serves as a portal to provide weather information related to outdoor photography so that photography enthusiasts can better comprehend the weather conditions in planning their activities. The webpage also shows some fascinating photos of clouds or special weather events taken by the public, as well as the relevant scientific information of some of the weather photos, with a view to promoting public education on meteorology.



Upper air observations



Weather photos from different places

Website:  
[www.hko.gov.hk/out\\_photo/outdoor\\_photo.htm](http://www.hko.gov.hk/out_photo/outdoor_photo.htm)



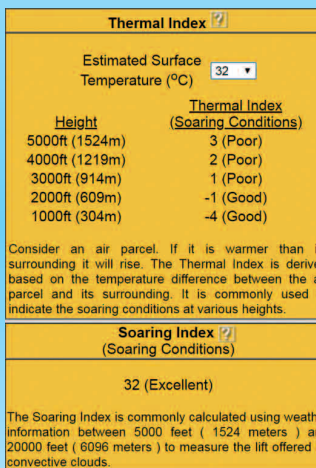
Photo by Stanley Wong



Photo by Christina Chan

Weather photos taken by members of the public

“Weather Information for Aviation Sports” webpage provides local wind conditions, temperatures, visibility reports, weather indices and forecasts. Among these, the thermal index and soaring index derived from the upper air observations made at the King’s Park meteorological station are particularly useful for estimating the soaring conditions of the day.



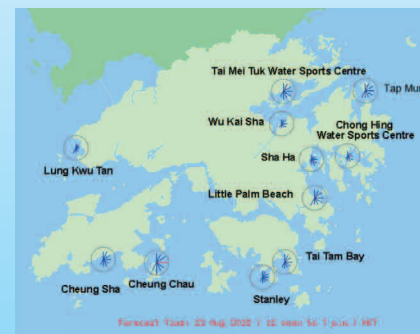
Forecast thermal and soaring indices at various altitudes



Website:  
[www.hko.gov.hk/aviat/soaring/index.htm](http://www.hko.gov.hk/aviat/soaring/index.htm)

“Weather Information for Water Sports” webpage gathers various kinds of weather information related to water sports. In particular, the “Wind Forecast for Water Sport Activities” webpage provides real-time weather observations from weather stations around the various hot spots for water sports in Hong Kong, together with the automatic weather forecasts for the coming three days. The webpage aids the public in planning ahead of their wind-sensitive water sports such as windsurfing.

Website:  
[www.hko.gov.hk/sports/water\\_e.html](http://www.hko.gov.hk/sports/water_e.html)



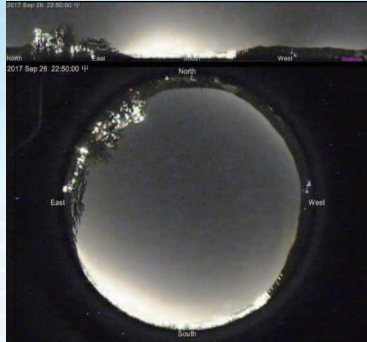
Wind speed forecasts for various hot spots for water sports in Hong Kong

“Weather Information for Astronomical Observation” webpage is jointly launched by the Hong Kong Observatory, the Hong Kong Space Museum and the Department of Physics, University of Hong Kong. This webpage provides a weather information platform for astronomical observation hot spots in Hong Kong to help stargazers better plan their astronomical observation activities. The webpage provides all sky images and night sky brightness data at various hot spots.



Night sky brightness data

Website:  
[www.hko.gov.hk/gts/astronomy/astro\\_portal.html](http://www.hko.gov.hk/gts/astronomy/astro_portal.html)



All sky images

### Personalized Weather Services

“MyObservatory” mobile app provides personalized weather services, allowing users to obtain the latest weather information specific to their locations. In addition, by activating the weather warning notification service, alert messages would be delivered to the user’s smartphone automatically whenever there is any change in weather warning signals. Meanwhile, the app features “Location-based Rain Forecast” service, with which users can easily see the rainfall forecast in the coming two hours specific to their actual or selected location.

iPhone Version:



Android Version:

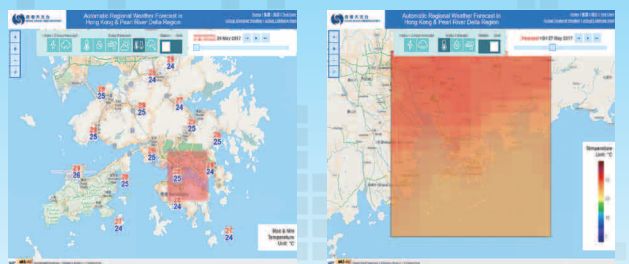


Universal Windows platform:



### One-Stop Shop for Regional Weather Forecasts

“Automatic Regional Weather Forecast for Hong Kong and the Pearl River Delta Region” webpage utilizes data from a number of computer weather-forecasting models and automatically generates weather forecasts for over 250 locations within Hong Kong and in neighboring areas over the Pearl River Delta region. The package includes location-specific hourly forecasts of temperature, relative humidity and wind, as well as 3-hourly weather icons and the daily probability of precipitation forecasts, for the next nine days. The webpage also provides rainfall nowcast for the coming two hours, as well as lightning nowcast for the coming one hour at selected locations. Through a one-stop shop platform, members of the public can get ready for changes in the weather in both the short and medium terms.



Website:  
[maps.weather.gov.hk/oc/index\\_e.html](http://maps.weather.gov.hk/oc/index_e.html)



9-Day weather forecast at a selected location

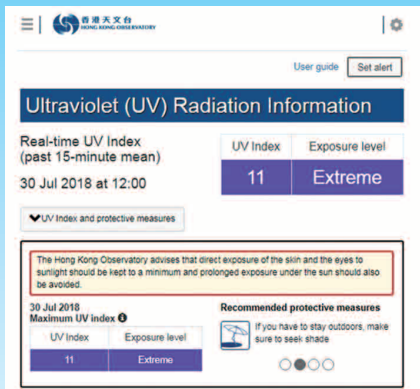
### Ultraviolet (UV) Information Service

“UV Radiation Information” webpage provides maximum UV Index (UVI) forecast, information on real-time UV Radiation and related sun protection tips. The webpage also allows user to preset his/her own alert level for UVI. When UVI reaches the preset alert level, an audible alarm and a verbal reminder will be automatically triggered to alert the user.

Website:  
[www.hko.gov.hk/wxinfo/uvinfo/uvinfo\\_e.html](http://www.hko.gov.hk/wxinfo/uvinfo/uvinfo_e.html)



Website (mobile version):  
[https://www.hko.gov.hk/m/uvinfo/m\\_uvinfo\\_e.html](https://www.hko.gov.hk/m/uvinfo/m_uvinfo_e.html)



Real-time UV radiation information

\* If you have any comments on the above services, please send an email to [mailbox@hko.gov.hk](mailto:mailbox@hko.gov.hk).



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