Peak Re partners with The Shanghai Typhoon Institute (STI) to present the second tropical cyclone activity over the Western North Pacific (NWP) Basin and South China Sea (SCS) in 2018

Forecast Summary

- 26 – 28 Tropical Storms (TS) are forecast to form over the Western North Pacific Ocean and South China Sea
- 13 – 15 Tropical Cyclones (TC) are expected to significantly impact China
  - 8 – 9 to significantly affect South China
  - 8 – 10 to significantly affect East China
  - 7 – 8 to make landfall over China

Based on the current climate status and the development of first half of 2018, this report forecasts an above normal activity for whole year cyclone formation; a normal activity for landfall China; a normal activity for cyclone impacting eastern China; a below average activities activity for cyclone impacting south China.

Eastern tropical pacific is not at neutral status and moving to a warmer status. There are 50% chance for eastern tropical pacific area to reach a El Nino event in this Autumn. As a result, TC activity during the second half of 2018 is expected to be formed at more eastward areas with slight higher intensity during lifetime.
Tropical Cyclone Scales

<table>
<thead>
<tr>
<th>CMA Tropical Cyclone Scale</th>
<th>Beaufort Scale</th>
<th>Saffir-Simpson Scale</th>
<th>Wind Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Super TY</td>
<td>scale 16 or above</td>
<td>CAT 4 – CAT 5</td>
<td>≥ 51.0 m/s</td>
</tr>
<tr>
<td>Strong TY (STY)</td>
<td>scale 14-15</td>
<td>CAT 2 – CAT 3</td>
<td>41.5 – 50.9 m/s</td>
</tr>
<tr>
<td>Typhoon (TY)</td>
<td>scale 12-13</td>
<td>CAT 1</td>
<td>32.7 – 41.4 m/s</td>
</tr>
<tr>
<td>Strong Tropical Storm (STS)</td>
<td>scale 10-11</td>
<td>Tropical Storm</td>
<td>24.5 – 32.6 m/s</td>
</tr>
<tr>
<td>Tropical Storm (TS)</td>
<td>scale 8-9</td>
<td>Tropical Storm</td>
<td>17.2 – 24.4 m/s</td>
</tr>
<tr>
<td>Tropical Depression (TD)</td>
<td>scale 6-7</td>
<td>Tropical Depression</td>
<td>10.8 – 17.1 m/s</td>
</tr>
</tbody>
</table>

Terms Definition

TC Landfall – Tropical Cyclones with minimal Tropical Storm Strength when making landfall in China

Significant Affect – Within one of the three conditions
  - Aggregate precipitation in the given area of over 50mm
  - Average wind of scale 7 (or gust* over scale 8) in given area
  - Aggregate precipitation of over 30mm and an average wind over scale 6 (or gust* over scale 7) in given area

South China – Guangdong, Guangxi, Hainan

East China – Fujian, Jiangxi, Zhejiang, Anhui, Shanghai, Jiangsu, Shandong

Tropical Cyclone Scale – Details in GB/T 19201–2006

Wind Speed – Average maximum wind speed within 2 minutes near the eye wall of the tropical cyclone

*Gust wind speed is approximately 1.2-1.5 times of MAWS depends on the TC location and meteorological conditions (WMO)

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About Peak Re

Peak Re is headquartered in Hong Kong with shareholder funds of US$909.0 million as of 30th June 2017. It is authorised by the Insurance Authority of Hong Kong and is rated “A-“ by A.M. Best, a leading international insurance industry credit rating agency. The company is backed by Fosun International Limited (HK.656) and Prudential Financial, Inc. (PFI), which have respectively invested 86.9% and 13.1% in the company. Based in the US and operating as Pramerica in selected countries, PFI is one of the largest global insurance groups. Peak Re offers reinsurance services covering a range of lines across Asia Pacific, EMEA and the Americas, tailor-making risk transfer and capital management solutions to best fit clients’ needs.