

SPECIAL EVENT SUMMARY – TROPICAL CYCLONES KOMPASU, LIONROCK, NAMTHEUM

August 30, 2010 – 11:45 a.m. Hawaii Time

The western Pacific Ocean is active with tropical cyclones now, which is similar to the Atlantic Ocean. There are three tropical cyclones: typhoon Kompasu, which is taking aim on western South Korea; tropical storm Lionrock which is heading towards the mainland China coast, coming close to the southwest side of Taiwan in the process; and, tropical storm Namtheun is in the Taiwan Strait, heading out into the East China Sea.

Typhoon 08W (Kompasu) has 90 knot sustained winds, with gusts to 110 knots. This strengthening typhoon will peak with 105 knot sustained winds, with gusts to near 130 knots...according to the latest Joint Typhoon Warning Center (JTWC) advisory number 9. Kompasu was located approximately 240 NM east of Kadena AB, in Japan. It is expected to pass over Okinawa as a very strong typhoon, although well short of being a supertyphoon. As it curves into the Yellow Sea, it will be passing over cooler sea water, diminishing its strength before it makes a landfall near South and North Korea boundary.

JTWC graphical [track map](#)

NOAA [satellite image](#)

Tropical storm 07W (Lionrock) is a strengthening tropical storm, which is expected to reach minimal typhoon strength on Tuesday. The JTWC advisory number 15 shows that Lionrock had sustained winds of 55 knots, with gusts to near 70 knots. Lionrock was located approximately 175 NM east-southeast of the major population center of Hong Kong. This storm will continue tracking slowly northeastward. This storm, which will be a typhoon then, is expected to peak at 70 knots (81 mph) before it makes landfall into eastern China near Xiamen. It will bring heavy flooding rainfall, which will extend well inland over mainland China.

JTWC graphical [track map](#)

NOAA [satellite image](#)

Tropical storm 09W (Namtheun) is a comparatively minor tropical storm, with sustained winds of 40 knots, and gusts to near 50 knots, according to the latest JTWC advisory 3. It was located to the west of Taiwan, and will pass very close to the northwest and northern coasts as it progresses northeast in direction. 09W was located approximately 60 NM north-

northeast of Taipei, Taiwan. The latest thought is that Namtheun will turn in such a way that it begins to interact with TS Lionrock. There are two possible things that could happen here: that it skirts the western Taiwan coast, or the remnants of this storm will be absorbed by Lionrock. A third thing could be neither of the above, and that 09W continues on into the mainland China coast. Obviously, there is quite a bit of uncertainty at this point.

JTWC graphical [track map](#)

NOAA [satellite image](#)

It should be noted that this summary is a *snap shot* at the current time noted above, and circumstances are likely to change with time.

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